1036 MANHATTAN AVE BCP SITE

BROOKLYN, NEW YORK

Final Engineering Report

NYSDEC Site Number: C224315

Prepared for:

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&

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DECEMBER 2025

CERTIFICATIONS

I, Tarek Z. Khouri , am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in the environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverables between February 2024 and December 2025 and have been accepted by the Department.

I certify that all information and statements in this certification form 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, Tarek Z. Khouri, of Hydro Tech Environmental Engineering and Geology, DPC, am certifying as Owner's Designated Site Representative for the site.



	12-04-2025	
NYS Professional Engineer #086611	Date	Signature

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Appendix 2	Environmental Easement and Survey Maps
Appendix 3	Digital Copy of IRM CCR
Appendix 4	NYSDEC Approvals and Decision Document
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Appendix 6	Post SSDS Start-Up Soil Vapor Intrusion Assessment/ Off-Site Soil Vapor Intrusion Evaluation Report
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LIST OF ACRONYMS

AGV	Indoor Air Guideline Value
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BMP	Best Management Practice
CAMP	Community Air Monitoring Plan
Cis-1,2-DCE	Cis-1,2-Dichloroethylene
COC	Certificate of Completion
CO_2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EBC	Environmental Business Consultants
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
EWP	Excavation Work Plan
FER	Final Engineering Report
FSP	Field Sampling Plan
GHG	Greenhouse Gas
HASP	Health and Safety Plan
HP	Horsepower
HYDROTECH	Hydro Tech Environmental Engineering and Geology, DPC
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
mg/L	Milligrams Per Liter
mg/kg	Milligrams Per Kilogram
NHC	National Hurricane Center
$\mu g/m^3$	Micrograms Per Cubic Meter
NOAA	National Oceanic and Atmospheric Administration

NWS	National Weather Service's
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules, and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
PCE	Tetrachloroethylene
P.E. or PE	Professional Engineer
PFAS	Per- and Polyfluoroalkyl Substances
PGSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
RP	Remedial Party
RRSCO	Restricted Residential Soil Cleanup Objective
RSO	Remedial System Optimization
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SEFA	Spreadsheets for Environmental Footprint Analysis
SET	Structural Engineering Technologies, P.C.
SMP	Site Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SSDS	Sub-slab Depressurization System

SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
TOGS	Technical and Operational Guidance Series
Trans-1,2-DCE	Trans-1,2-Dichloroethylene
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
UU	Unrestricted Use Guidance Value
VN	Vinyl Chloride
VOC	Volatile Organic Compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

BK Corners LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on April 9, 2021, to investigate and remediate a 0.230-acre property located in Greenpoint section of Brooklyn, New York, New York. Four subsequent BCA amendments were then executed for the Site. The first amendment was executed on November 17, 2021, to reflect the merger of the former Site parcels identified as Block 2513 and Lots 5, 6 and 8 into Lot 6 and the change of the Site address to 170 Freeman Street. The second amendment was executed on August 2, 2023, to add 170 Freeman LLC to the BCA as a Co-Applicant. A third BCA amendment was executed on October 16, 2024, which reflected a change in Site ownership from BK Corners LLC to 170 Freeman LLC. A fourth BCA amendment was executed on October 17, 2025 for the determination of this Site eligibility for tangible property credits, based on the Regulatory Agreement between 170 Freeman LLC and the City of New York Department of Housing Preservation and Development, dated May 16, 2024. Appendix 1 provides copies of the April 2021 BCA and the four BCA amendments.

The Site is located in the County of Kings County, New York and is identified as Block 2513 and Lot 6 on the New York City Tax Map. Figure 1 provides a Site Location Map. Prior to the implementation of IRM activities, the Site consisted of three parcels identified as Block 2513 and Lots 5, 6 and 8 on the New York City Tax Map with addresses of 1032 and 1036-1038 Manhattan Avenue. The Site is situated on an approximately 0.230-acre area bounded by multi-story residential and commercial building on the north, multi-story residential and commercial building on the south, a multi-story residential building on the east, and Manhattan Avenue on the west. Figure 2 provides a Site Layout Map. The boundaries of the Site are fully described in the metes and bounds in the environmental easement and survey maps, in Appendix 2.

The Site was remediated to restricted residential, commercial, and industrial use in accordance with Interim Remedial Measures Work Plan (IRM WP) dated February 18, 2022, and IRM WP Addendum dated November 22, 2023. Track 2/Track 4 Restricted-

Residential Use was achieved at the Site during the IRM(s) activities, and the Site has been developed into an 8-story building designated for mixed residential and commercial use. IRM(s) construction activities are documented in IRM Construction Completion Report (IRM CCR) dated July 22, 2025. Based on the remedy satisfied in the IRM CCR, NYSDEC selected No Further Action as the remedy for the Site, which consisted of Green Remediation, Institutional Control and Site Management and this scope was presented in a No Further Action Remedial Action Work Plan (RAWP) dated October 17, 2025 and Decision Document dated October 22, 2025. An electronic copy of the IRM CCR with all supporting documentation is included as Appendix 3. Figure 3 provides a map of IRM Site cleanup to Track 2 and Track 4. Appendix 4 provides copies of NYSDEC approvals of the IRM WP, IRM WP Addendum, RAWP and also a copy of the Decision Document. Appendix 2 provides a survey map with the metes and bounds description of the Track 2 and Track 4 areas.

This Final Engineering Report (FER) documents the No Further Action remedy in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP). An electronic copy of this FER with all supporting documentation is included as Appendix 5.

2.0 NATURE AND EXTENT OF HISTORIC SITE CONTAMINATION

2.1 Remedial Investigations

Remedial investigations were conducted at the Site to define the nature and extend of any contamination resulting from its historical uses as a drycleaner and a historic listing as "Paints." The Site was first investigated in accordance with the scope of work presented in the NYCOER-approved Remedial Investigation Work Plan (RIWP) dated June 2019. Additional on-site and off-site investigations include BCP work in the NYSDEC-approved Remedial Investigation Work Plan (RIWP) dated July 2021 and subsequent on-site groundwater sampling in December 2021 and NYSDEC-approved Supplemental RIWP (SRIWP) dated March 3, 2022. These remedial investigations were conducted between June 2019 and December 2022. Besides, a geotechnical investigation was performed on-Site by SET during June 2019 and off-site soil vapor investigation was performed by EBC at the south-adjacent property located at 1026-1030 Manhattan Avenue during October 2017. Overall findings of these on-site and off-site investigations were published in a Remedial Investigation Report (RIR) dated March 17, 2023, which was reviewed and approved by NYSDEC.

Overall findings of these Remedial Investigations indicated the following:

1. Elevation of the property is approximately 14.2 feet above mean sea level.
2. Depth to groundwater beneath the Site ranges from 6.9 feet to 9.46 feet.
3. Groundwater flow beneath the Site is from east to west.
4. No anomalies indicative of suspect USTs was identified during the geophysical surveys at the Site.
5. Bedrock was encountered at approximately 50 feet below sidewalk grade.
6. The stratigraphy of the site consisted of uncontrolled fill composed of a mixture of sand, clay, concrete, and bricks that extend from 2 feet to 12 feet below sidewalk grade. A sand stratum is located below the fill layer and extends to approximately 12 to 24 feet below sidewalk grade. A clay stratum is located

below the sand stratum to depth of about 31 to 33 feet. Of specific note, the stratigraphy reported in B5 installed in the cellar of the building at the former southernmost lot of the Site consisted of a silt layer encountered immediately below the cellar slab and extended to 4 feet below. At this location, the layer of silt was underlain by a clay stratum.

7. Contaminated Soil/Historic Fill: The May 2020 RI indicated tetrachloroethene (PCE) (max. 0.016 mg/kg) and its derivative compounds cis-1,2-dichloroethylene (Cis-1,2-DCE) (0.210 mg/kg), methylene chloride (max. 0.013 mg/kg), and trans-1,2-dichloroethylene (0.033 mg/kg), were detected in three soil probes SP-3, SP-4 and SP-5 at concentrations below their respective Unrestricted Use SCOs (UUSCOs) and Protection of Groundwater SCOs (PGWSCOs) in four saturated soil samples collected at depth intervals of zero to 2 feet and 2 to 4 feet below the former basement slab that corresponded to the depths of 6 to 8 feet and 8 to 10 feet bgs. The September 2021 RI indicated only PCE (max. 0.03 mg/kg) was detected at concentrations below its UUSCOs and PGWSCOs in three shallow soil samples (zero to 2 feet bgs) and two deep dry samples (2 to 4 feet bgs) in three soil probes SP-9, SP-10 and SP-11. Semi-Volatile Organic Compounds (SVOCs) consisting mainly of polycyclic aromatic hydrocarbons (PAHs) including benzo(a)anthracene (max. of 20.60 mg/kg), benzo(a)pyrene (max. of 19.50 mg/kg), benzo(b)fluoranthene (max. of 17.30 mg/kg), benzo(k)fluoranthene (max. of 14.70 mg/kg), chrysene (max. 19.10 mg/kg), and indeno(1,2,3-cd)pyrene (max. 10.50 mg/kg) were detected in four shallow soil samples (zero and 2 feet bgs) and six deep soil samples (2 to 4 feet and 4 to 6 feet bgs) from seven soil probes SP-4, SP-6, SP-7 to SP-9 and SP-11 and SP-12 at concentrations exceeding their UUSCOs and RRSCOs. Of these SVOCs, benzo(a)anthracene, benzo(b)fluoranthene and benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene and chrysene also exceeded their PGWSCOs.

   Four pesticides identified as 4,4'-DDD (max. of 0.00973 mg/kg), 4,4'-DDE (max. of 0.00779 mg/kg), 4,4'-DDT (max. of 0.140 mg/kg), and Dieldrin (max. of 0.00573 mg/kg) were detected at concentrations exceeding their UUSCOs in shallow (zero to 2 feet bgs) and in deep soil samples (2 to 4 feet and 4 to 6 feet

bgs) from all seven soil probes and in deep soil samples (4 to 6 feet bgs) from five soil probes. Metals including barium (max. of 1,290 mg/kg), chromium trivalent (max. of 30.50 mg/kg), chromium hexavalent (max. of 2.06 mg/kg), lead (max. of 636 mg/kg), mercury (max. of 1.16 mg/kg) and zinc (max. of 595 mg/kg) were detected at concentrations exceeding their UUSCOs in all 7 soil probes at shallow interval between zero and 2 feet bgs and deep interval at 4 and 6 feet bgs. Of these lead and mercury also exceeded RRSCO in 2 deep samples from SP-8 and SP-10. Barium, lead, and mercury also exceeded PGWSCOs in the deep sample from SP-7 and shallow sample from SP-8. Herbicides and 1,4-dioxane were not detected in any soil samples. Total PCBs were detected in one shallow soil sample at a concentration less than UUSCO. Emerging contaminants were PFAS compounds were detected in all soil samples. The compound PFOS (max. 0.00093 mg/kg) exceeded its NYSDEC Guidance Values for anticipated unrestricted use in shallow soil samples (zero to 2 feet bgs) from two soil probes SP-10 and SP-11.

8. Groundwater Impacts On-Site and Off-Site: The 2020 RI showed chlorinated-range VOCs, SVOCs and total metals were detected in the four monitoring wells MW-1 to MW-4 concentrations exceeding their respective GQS. Chlorinated VOCs included cis-1,2-DCE (max. of 8,000 ug/L), PCE (max. of 24 ug/L), trichloroethene (TCE) (max. of 13 ug/L) and vinyl chloride (max. 15 ug/L). The 2021 RI indicated cis-1,2-DCE (max. 62.3 ug/L), PCE (max. 7.68 ug/L) and VN (11.80 ug/L) were detected at concentrations exceeding their GQS in shallow groundwater samples in four onsite wells MW-5, MW-6, MW-7 and MW-8. Slightly higher concentrations of Cis-1,2-DCE (max. 93.7 ug/L), PCE (max. 9.02 ug/L) and VN (22.60 ug/L) were also detected in the deep groundwater samples collected from MW-5, MW-6, MW-7, and MW-8. The on-site detection of chlorinated VOCs is limited to the downgradient wells in the immediate off-site vicinity, where cis-1,2-DCE (max. 679 ug/L), vinyl chloride (max. 23.4 ug/L) along with trans-1,2-Dichloroethylene (max. 21.6 ug/L) also exceeded their GQS in shallow and deep groundwater samples collected from two off-site wells MW-9 and MW-11. SVOCs were detected in one on-site monitoring wells at concentrations exceeding their respective GQS. These SVOCs included

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene ppm), benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene and Bis(2-ethylhexyl)phthalate. Metals including magnesium, manganese, selenium, sodium, and barium were detected in all filtered and unfiltered groundwater samples at concentrations exceeding their respective GQS. No other VOCs, SVOCs or dissolved metals were detected in any groundwater samples at concentrations exceeding their respective GQS. No PCBs, pesticides or herbicides were detected in any groundwater samples. Emerging contaminants compounds PFOA (max. 278 ng/L) and PFOA (max. 1,020 ng/L) were commonly detected in all on-site and off-site wells at concentrations exceeding their respective NYSDEC Screening levels.

9. Soil Vapor Impact On-Site: Low levels of petroleum-related VOCs were detected in on-site soil vapors. Individual concentrations of BTEX compounds ranged from 1.7 $\mu g/m^3$ to 180 $\mu g/m^3$. Total BTEX concentration detected on-site ranged between 93 $\mu g/m^3$ in SV-9 and 467 $\mu g/m^3$ in SV-10. Chlorinated VOCs consisting of PCE (max. 600 $\mu g/m^3$ in SV-10), TCE (max. 250 $\mu g/m^3$ in SV-6), and their derivative compounds including cis-1,2-DCE (max. 17 $\mu g/m^3$ in SV-11), 1,1,1-trichloroethane (max. 5.6 $\mu g/m^3$ in SV-11), 1,2-dichloroethane (max. 5 $\mu g/m^3$ in SV-6a), trans-1,2-dichloroethylene (max. 3,400 $\mu g/m^3$ in SV-6), carbon tetrachloride (max. 3 $\mu g/m^3$ in SV-11), chloroform (max. 67 $\mu g/m^3$ in SV-6a), methylene chloride (max. 43 $\mu g/m^3$ in SV-12) and vinyl chloride (max. 510 $\mu g/m^3$ in SV-6) are present in all on-site soil vapor samples. Of these compounds PCE, TCE, cis-1,2-DCE, and vinyl chloride were the most abundant and their concentrations in on-site vapor exceeded the monitor/mitigate values of their respective applicable NYSDOH matrices.

10. Soil Vapor Impact Off-Site: Petroleum-related VOCs were also detected off-Site with total BTEX concentrations ranging between 8.37 $\mu g/m^3$ in SV-20 and 504 $\mu g/m^3$ in SV-16. Chlorinated VOCs including PCE, TCE and cis-1,2-DCE were also detected in off-site soil vapor samples collected in surrounding sidewalks and at adjacent properties at 1026-1030 Manhattan Avenue and 178 Freeman Street. However, off-site chlorinated VOCs are detected at lower concentrations when

compared to on-site soil vapor samples. PCE was also the most abundant in off-site soil vapor and was detected at concentrations ranging between 1.3 ug/m^3 in SV-19 and 170 ug/m^3 in SV-18. PCE was detected in sub-slab vapor sample SSB-1 at 21 ug/m^3 and in indoor air sample IA-1 at 0.95 ug/m^3 that is below the NYSDOH indoor air guidance for PCE of 30 ug/m^3. PCE and cis-1,2-DCE concentrations in off-site soil vapors exceed the monitor/mitigate values of their respective applicable NYSDOH matrices only in SV-16 and SV-18 in the sidewalk in the immediate northern vicinity of the Site.

2.2 Interim Remedial Measures, Operable Units And Remedial Contracts

Interim remedial measures were performed during the development phase of the new 8-story residential and commercial building at the Site. Interim remedial actions were completed in accordance with an IRM Work Plan (WP) dated February 2022 and also an IRM WP Addendum dated November 2023. All IRM(s) activities were published in an IRM Construction Completion Report dated May 2025 in Appendix 3 and a Post SSDS Start-Up Soil Vapor Intrusion Assessment/ Off-Site Soil Vapor Intrusion Evaluation Report dated September 2025 provided in Appendix 6.

Elements of the IRM(s) as reported in the IRM CCR are summarized below:

2.2.1 Contaminated Materials Removal

Soil Excavation

Site remedial excavation was performed throughout the entire BCP Site perimeter. This excavation was pursued for development purpose to variable depths: to the depth of 12 feet within the perimeter of the partial basement, which is set back 15 feet from the property line along Manhattan Avenue to the west and the property line to the east with a temporary 45-degree angle slope established on these sides in lieu of installing SOEs, to the depth of 14 feet bgs for the basement foundation footings, to the depth of 20 feet for the elevator pits in the central portion of the partial basement and to the depth of 2 feet across the remainder of the Site and within a 7-foot section across the west-adjacent

sidewalk on Manhattan Avenue. The excavation below 7 feet bgs at the Site, which corresponds to the depth of the soil/groundwater interface, was performed in an interim unsaturated zone with the induced reduction of the water table by dewatering activities.

A total of 6,697.63 tons of non-hazardous soil/fill material and native soil was excavated and disposed of at the following three facilities:

Disposal Location/Address	Type of Material	Quantity
Hazleton Creek Properties LLC located at 282 South Church Street in Hazleton, Pennsylvania	Soil/Fill Materials	429.2 tons
Earth Efficient XRDS located at 90 Pompton Plains Crossroads in Wayne, New Jersey	Soil/Fill Materials	1,415.12 tons
Bayshore Soil Management, LLC located at 75 Crows Mill Road in Keasbey, New Jersey	Soil/Fill Materials	4,853.31 tons

Post-Excavation End Point Samples

A total of twenty-two (22) post-excavation end point samples were collected at the Site. These end point samples included seven (7) bottom soil samples designated EP-B-1 to EP-B-7 and nine (9) sidewall samples designated EP-W-1 to EP-W-9 and EP-7a, and EP-9a. These samples were collected within the perimeter of the partial basement excavation. Sidewall end point samples EP-W-1 to EP-W-9 were collected at a depth of 12 feet bgs. Based upon the original results of the sample EP-W-9 and EP-W-7, which failed the RRSCOs, two duplicate sidewalk samples EP-W-7a and EP-W-9a were collected following additional soil excavation in these two locations at the depth of 14 feet bgs. Additional four (4) bottom samples designated EP-B-8 to EP-B-11 were collected in the two areas to the west and to the east of the partial basement. End point soil samples were analyzed for (VOCs) via EPA Method 8260, SVOCs via EPA Method 8270, Pesticides and

PCBs via EPA Method 8081/8082, Target Analyte List (TAL) Metals, 1,4-Dioxane via Method 8270 SIM and Polyfluoroalkyl Substances (PFAS) target compounds via EPA Method 1633.

Analytical results for end point samples confirmed that soil remaining beneath the area of partial basement meets the PGSCOs and the RRSCOs and therefore a Track 2 cleanup was achieved in this area of the Site. End point samples collected to the west and east of the partial basement indicated remaining soil in these two areas at the Site exceeded the PGSCOs and the RRSCOs and therefore these two areas achieved a Track 4 cleanup. Figure 3 provides a map of Site cleanup to Track 2 and Track 4.

The excavations of soil/fill below the depth of 7 feet across the partial basement footprint were performed in an interim unsaturated zone facilitated by dewatering activities. A total of 20,000 gallons of groundwater were pumped during the dewatering activities and were discharged into the city combined sewer system in compliance with NYCDOB and NYCDEP rules and regulations.

Table 1 and Figure 4 summarize the residual soil contamination in exceedance of the RRSCOs and PGSCOs following IRM(s) Site remediation.

2.2.2 In-Situ Groundwater Remediation

Groundwater remedial action consisted of the injection of a bioremedial agent identified as 3_D Microemulsion Factory Emulsified (3DME) mixed with additives identified as Bio-Dechlor Inoculum Plus (BDI Plus) in the saturated zone in the western portion of the Site. Injections were performed during February 2022 in an area that is approximately 3,600 square feet via 18 injection points. A total of 2,800 pounds of 3DME mixed and a total of 18 liters of BDI were injected beneath the Site. Since the water table was lowered by dewatering beneath the proposed basement area to ±17 feet and elevator pit to ±20 feet, injections were completed in an 8-foot zone to 29 feet bgs in the elevator pit area and to 24 feet bgs in the partial basement area.

A quarterly groundwater monitoring program was implemented following bioremedial injections from the existing network of six off-site monitoring wells MW-9, MW-10, MW-11 then replaced with MW-11R, MW-13 then replaced with MW-13R,

MW-14 and MW-15. Groundwater samples collected during five consecutive quarterly sampling events in August and November 2024 and February, May and August 2025 continue to show elevated concentrations of CVOCs in exceedance of GQS in downgradient well MW-9.

Table 2 and Figure 5 summarize the results of CVOCs detected in groundwater contamination in exceedance of GQS pre and post IRM injections.

2.2.3 Cover System

A Site cover was required to allow for restricted residential use of the Site in areas where the upper two feet of exposed surface soil exceeded the applicable soil cleanup objectives (SCOs). As such a 6-inch concrete slab on-grade was installed as a cover system in the Track 4 portion of the Site (outside the basement footprint) beneath the western portion of the building and in the open parking space.

2.2.4 On-Site Soil Vapor Mitigation System

An active sub-slab depressurization system (SSDS) was installed in the Track 4 area beneath the building slab on-grade to the west of the partial basement and beneath the open driveway in the eastern portion of the building. The SSDS was started on March 26, 2025. This system consists of a loop of a 4-inch diameter Schedule-40 perforated PVC pipes installed sub-slab, which then is connected to one riser consisting of 4-inch diameter cast iron pipes and then to a 2 Horsepower (HP) Rotron non-explosive proof aluminum fan regenerative blower Model DR505 mounted above the roof line. The effluent piping from the blower is connected to a 55-gallon vapor phase granulated activated carbon (GAC) drum that treats soil vapors prior to discharging it into the air 5 feet above the parapet of the elevator bulkhead and at least 10 feet from air intakes of HVACs or from operable windows. As part of this SSDS design, five sub-slab vacuum monitoring points designated as PT-1 to PT-5 were installed in the slab on-grade at the Site.

2.2.5 Post SSDS Start-Up Soil Vapor Intrusion Evaluation

A post SSDS start-up on-site indoor air assessment and an off-site soil vapor intrusion evaluation was performed in accordance with the February 2022 IRM WP and the November 2023 IRM WP. This assessment was conducted on September 4 and 5, 2025 while the building was undergoing interior finishing activities. Three indoor air samples designated IAS-1 to IAS-3 were collected inside the new 8-story residential and commercial building at the Site for a duration of approximately 24 hours. Specifically, IAS-1 was collected inside the partial basement area, IAS-2 and IAS-3 were collected in the residential lobby and the commercial space on the first floor. Off-site soil vapor sample was collected from the existing soil vapor point designated as SV-17 located on the sidewalk in front of the north-adjacent residential and commercial building at 1044 Manhattan Avenue for a duration of approximately 6 hours. Concurrently, one background outdoor air sample designated OAS-2 was also collected.

Analytical results for the ambient air samples indicated one individual CVOC of concern PCE was only detected in one indoor air sample IAS-3 at a trace concentration below its NYSDOH Indoor Air Guideline Value (AGV) of 30 $\mu g/m^3$. Another CVOC methylene chloride was detected in the three indoor air samples IAS-1 to IAS-3 at concentrations below its NYSDOH AGV of 60 g/m^3. Off-site soil vapor results indicated no CVOCs were detected in the soil vapor sample SV-17. This data showed no evidence of chlorinated soil vapor intrusion impact on-site or any evidence of chlorinated soil vapor migration off-site.

Table 3 and Figure 6 summarize the results of on-site indoor air assessment and an off-site soil vapor intrusion evaluation sampling post SSDS start-up. Appendix 6 provides a copy of the Post SSDS Start-Up Soil Vapor Intrusion Assessment/ Off-Site Soil Vapor Intrusion Evaluation Report.

3.0 SUMMARY OF SITE REMEDY

3.1 Remedial Action Objectives

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

3.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
-

3.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater contamination.

3.1.3 SOIL VAPOR

RAOs for Public Health Protection

- Mitigate impacts on public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

3.2 Description of Selected Remedy

Based on the results of the remedial investigations at the Site and off-site area, and the completed IRM(s), NYSDEC has selected a No Further Action as the remedy for the Site, which was presented in the NYSDEC-approved RAWP dated October 17, 2025 and the Decision Document, dated October 22, 2025. The No Further Action Remedy was based on the elements of the IRM(s) that were implemented and constructed at the Site.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. As required in the RAWP, the No Further Action Remedy consisted of Green Remediation, Institutional Control and Site Management.

The following are the components of the selected remedy:

1. A remedial program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:
    - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
    - Reducing direct and indirect greenhouse gases and other emissions;
    - Increasing energy efficiency and minimizing use of non-renewable energy;
    - Conserving and efficiently managing resources and materials;

- Reducing waste, increasing recycling, and increasing reuse of materials which would otherwise be considered a waste;
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the new development at this Site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. The environmental footprint analysis was completed using SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), an accepted environmental footprint analysis calculator . Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, were incorporated into the remedial program, as appropriate. The project included detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics were tracked during implementation of the remedial action and reported in this Final Engineering Report (FER), including a comparison to the goals established during the remedial program.

Additionally, the remedial program included a climate change vulnerability assessment, which evaluated the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress, and drought), flooding, and sea level rise were identified, and the remedial program incorporated measures to minimize the impact of climate change on potential identified vulnerabilities.

2. Imposition of institutional control in the form of an environmental easement for the controlled property which will:
    - Require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
    - Allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
    - Restrict the use of groundwater as a source of potable or processed water, without necessary water quality treatment as determined by the NYSDOH or NYC; and
    - Require compliance with the Department approved Site Management Plan.
3. Implementation of a Site Management Plan which includes the following:
    a. An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the Site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
        - Institutional Controls: The Environmental Easement.
        - Engineering Controls: The cover system and the SSDS vapor mitigation system.

    This plan includes, but may not be limited to:

        - An Excavation Work Plan which details the provisions for management of future excavations in areas of remaining contamination;
        - Descriptions of the provisions of the environmental easement including any land use or groundwater restrictions;
        - A provision for evaluation of the potential for soil vapor intrusion for any occupied buildings on the site, including provision for

implementing actions recommended to address exposures related to soil vapor intrusion;

- A provision to decommission and replace any monitoring well that is rendered unusable;
- A provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in the elements of the IRM above will be placed in any area where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
- Provisions for the management and inspection of the identified engineering controls;
- Maintaining Site access controls and Department notification; and
- The steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- Monitoring of groundwater to assess the performance and effectiveness of the remedy;
- A schedule of monitoring and frequency of submittals to the Department;
- Monitoring for vapor intrusion for any buildings on the Site, as may be required by the Institutional and Engineering Control Plan discussed above.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

- Procedures for operating and maintaining the remedy;

- Compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
- Maintaining Site access controls and Department notification; and
- Providing the Department with access to the site and O&M records.

A copy of the environmental easement and proof of filing is provided in Appendix 2. A copy of the approved SMP is provided as Appendix 7.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The No Further Action remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the 1036 Manhattan Ave BCP Site dated October 2025. Any deviations from the RAWP are noted below.

The No Further Action remedy included (1) the application of green remediation concepts and techniques with the goal to reducing the environmental footprint of the transportation of personnel, waste and materials that would limit the generation of greenhouse gas emissions, (2) a Site management, which consisted of the continued operation of remedial system installed during the IRM(s), and (3) the implementation of prescribed institutional controls/engineering controls (ICs/ECs).

4.1 Remedial Program Elements

4.1.1 Contractors and Consultants

The following organizations and key personnel were involved in the implementation of the No Further Remedial Action:

Organization	Personnel Name	Responsibility	Contact Information
BK Corners LLC)	Marshall Kesten	Applicant's Representative	212-518-3153 Marshall@MkPropmanagement
170 Freeman LLC	Joshua Greenberg	Co-Applicant's Representative	646-248-0256 daniel@greenstreet.nyc
M.N.C. General Contractors	Cory Ekstrom	SSDS Operation and Maintenance	718-676-7366 corye@mnccontractors.com
HydroTech	Tarek Z. Khouri	Remedial Engineer	631-462-5866 tkhouri@hydrotechenvironmental.com
	Paul I. Matli	Project QEP	631-462-5866

		/Groundwater Monitoring	pmatli@hydrotechenvironmental.com
AMXconsult, LLC	Amine Dahmani	Data Validators/Quality Assurance Officers	860-942-2881 maminedahmani@gmail.com
York Analytical Laboratories, Inc.	Giovanna DeLoca	Analytical Laboratory	203-325-1371 giovanna.deloca@alsglobal.com
Coastal Environmental Solutions	Marc Morgenstern	Maintenance of Monitoring wells	631-256-6974 marc@coastalenvsolutions.com
Fox Rothschild	George Duke	Remedial Party Attorney	201-736-0948, gduke@foxrothschild.com

4.1.2 Best Management Practices

Green remediation principles and techniques were implemented to the extent feasible in the implementation of the remedy as per DER-31. The major green and sustainable remediation (GSR) components are as follows:

- Reducing direct and indirect greenhouse gases and other emissions.
- Increasing energy efficiency and minimizing use of non-renewable energy.
- Conserving and efficiently managing resources and materials.
- Reducing waste, increasing recycling, and increasing reuse of materials that would otherwise be considered a waste.
- Incorporate the GSR principles and techniques to the extent feasible in the new development at this Site which was designed to meet the 2020 Energy Conservation Construction Code of New York to improve energy efficiency as an element of construction.

The remedy included the implementation of several Best Management Practices (BMPs) related to these green remediation components, including but not limited to the following:

- Waste Generation
- Electrical Use
- Emissions
- Water Usage

Waste Generation

Waste generation considers the management of waste associated with Site management activities and any waste reduction projects including, but not limited to, material reuse and recycling. Efforts made to minimize consumption of waste included the use of a tablet for data collection rather than paper and also reduce the amount of liquid used to decontaminate equipment during quarterly groundwater monitoring.

Electrical Energy Use

Energy usage considers the electricity usage needed for implementing Site management activities including SSDS operation and groundwater monitoring. Rechargeable batteries for equipment used during quarterly groundwater sampling including the peristaltic pump were turned off when not in use. The SSDS telemetry system requires low-voltage DC (direct current), and its electric consumption is insignificant. Power consumption by the 2 HP SSDS blower Model DR505 that has a 3-phase motor is approximately 1.4 kilowatts per hour of operation, which is also considered a low electricity consumption.

Emissions

Emissions tracking considers fuel usage for power generation and transportation of personnel to and from the Site to monitor the SSDS operation on a daily basis and also to perform the quarterly groundwater sampling. Public transportation was easily accessible to the Site. The installed SSDS telemetry system

allowed to reduce the frequency of Site visits and the unnecessary use of elevator by personnel to monitor the SSDS. Heavy machinery operations including the blower motor were serviced regularly to maintain optimal performance. Equipment/sample deliveries and pickups were consolidated to reduce transport needs at York Analytical Laboratories Inc.'s Queens lab prior to being transported to the main Connecticut lab for analysis.

Water Usage

Water usage considers sources of water for tasks such as decontamination. Approximately 2 gallons of water were consumed during the decontamination process of equipment used during one quarterly groundwater sampling event and this consumption is considered minimal.

Further, progress with respect to GSR metrics were tracked during implementation of the remedial action and are summarized in Section 5.1 below.

4.1.3 Reporting

A summary of Site management work completed including quarterly groundwater sampling, data usability summary report (DUSR) preparation, transmittal of groundwater data deliverable (EDD), waste removal, monitoring well redevelopment and the anticipated schedule were presented in a quarterly groundwater status report and also in monthly progress reports and submitted to NYSDEC to track remediation progress in compliance with the October 2025 RAWP.

5.0 CONTAMINATION REMAINING AT THE SITE

4.6.1 Soil

As discussed in Section 2.2.1, the results of end point soil samples collected following excavation of soil and fill material across the Site indicated Track 2 RRSCOs were achieved beneath the partial basement, and a Track 4 cleanup in excess of PGWSCOs an RRSCOs was achieved beneath the slab on-grade to the west and east of partial basement at the Site. According to post-excavation end point sampling data, PAHs consisting of chrysene (max. 1.92 mg/kg), benzo (b) fluoranthene (max. 1.28 mg/kg), indeno (1,2,3-cd) Pyrene (max. 2.09 mg/kg), and dibenzo (a, h) anthracene (max. 0.61 mg/kg) exceeded UUSCOs, PGWSCOs and RRSCOs in two samples in the Track 4 area to the east and west of the partial basement. Pesticides including 4,4'-DDD (0.009 mg/kg), ,4'-DDE (0.05 mg/kg) and 4,4'-DDT (max. 0.30 mg/kg) and metals including arsenic (max 1,430 mg/kg), chromium hexavalent (max 1.69 mg/kg), lead (max 407 mg/kg), mercury (max 0.30 mg/kg), selenium (max 17.5 mg/kg) and zinc (max 448 mg/kg) exceeded UUSCOs in one or more end point samples in both the Track 2 area and Track 4 area. Arsenic and lead also exceeded their PGWSOs and RRSCOs in one sample in the Track 4 area. One Per- and polyfluoroalkyl substance or PFAS compound consisting of perfluorooctanesulfonic acid (PFOS) (max 0.0028 ng/L) exceeded NYSDEC Guidance Values for anticipated unrestricted use in one sample in the Track 4 area.

A summary of soil contaminants concentrations above the PGSCOs and the RRSCOs in the Track 4 cleanup area at the Site are listed below:

Analyte	Sample ID	Sample Depth	Detected Concentrations (mg/Kg)	RRSCO	PGSCO
Chrysene	EP-B-9	2’	**1.92**	3.9	1
Dibenzo(a,h)anthracene			0.61	0.33	1000
Indeno(1,2,3-cd)pyrene			2.09	0.5	8.2
Benzo(b)fluoranthene	EP-B-10	2’	1.28	3.9	1.7
Indeno(1,2,3-cd)pyrene			0.6	0.5	8.2
Barium	EP-B-11	2’	1,430	400	820
Magnesium			407	400	450

- *Bolded values exceed PGSCOs*

Table 1 and Figure 4 Figure 4 summarize the residual soil contamination in exceedance of the RRSCOs and PGSCOs following IRM(s) Site remediation.

4.6.2 Groundwater

As indicated in Section 2.2.2, post-3DME injections groundwater sampling performed until recently from the existing network of six monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15 off-site located in the downgradient vicinity of the Site continues to show elevated concentrations of cis-1,2-DCE and trans-1,2-DCE exceeding GQS in a downgradient well MW-9. The most recent quarterly groundwater sampling performed in August 2025 as part of the Site management activities indicated cis-1,2-DCE was detected in MW-9 at 246 µg/L and trans-1,2-DCE was detected at 12 µg/L. The Quarterly Status Reports for the groundwater samples collected post IRM CCR sampling phase in May 2025 and in August 2025 along with their respective DUSRs are included in Appendix 8.

The groundwater quality beneath the western portion of the property will continue to be monitoring on a quarterly basis according to the SMP to achieve the RAOs for groundwater with a contingency for a second round of bioremedial reinjections after the 8th round of groundwater sampling.

A summary of the CVOCs contaminants detected most recently in MW-9 during May 2025 at are listed below:

Analyte	**Sample ID**	**Detected Concentrations (µg/L)**	**GQS**
Cis-1,2-DCE	MW-9	**412**	5
Trans-1,2-DCE		**26.50**	5
PCE		0.43	5
TCE		1.11	5
VC		4.05	5

- *Bolded values exceed GQS*

Table 4 provides the results of quarterly groundwater sampling performed in August 2025. Figure 5 summarizes the results of residual groundwater CVOCs contamination in exceedance of GQS following IRM(s) Site remediation.

4.6.3 Soil Vapor

The continuous presence of CVOCs in groundwater in the immediate northwestern vicinity of the Site represents a potential for soil vapor intrusion that may impact the building at the Site. As discussed in Section 2.2.5, there was no evidence of chlorinated soil vapor intrusion impact on-site or any evidence of chlorinated soil vapor migration off-site as a result of the operation of SSDS vapor mitigation system installed at the Site.

A summary of the CVOCs contaminants detected in on-site indoor air assessment samples are listed below:

Analyte	**Sample ID**	**Detected Concentrations (µg/L)**	**NYSDOH AVG**
PCE	IAS-3	2.4	30
Methylene chloride	IAS-1	2.7	60
	IAS-2	2.2	
	IAS-3	2	

Table 3 and Figure 14 summarize the results of on-site indoor air assessment and an off-site soil vapor intrusion evaluation sampling post SSDS start-up.

Residual soil and groundwater contamination and the potential for contaminated soil vapor beneath the site are being controlled by the Institutional and Engineering Controls that are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination are being performed under the Site Management Plan (SMP) and as part of the remedial action presented in this FER.

4.0 INSTITUTIONAL CONTROL/ENGINEERING CONTROL COMPLIANCE

4.1 Institutional Controls

The following Institutional Controls for the Site were implemented and complied with during the remedial action as instituted in the Environmental Easement and the SMP:

- The property has been used for restricted residential and commercial use;
- All ECs were operated and maintained as specified in this SMP;
- All ECs were inspected at a frequency and in a manner defined in the SMP;
- No groundwater underlying the property was used. The use of this groundwater is prohibited without necessary water quality treatment as determined by the NYSDOH or New York City Department of Health and Mental Hygiene (NYCDOHMH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Groundwater and other environmental or public health monitoring was performed as defined in this SMP;
- Data and information pertinent to Site management was reported at the frequency and in a manner as defined in the SMP;
- No activities that would disturb remaining contaminated material at the Site were conducted. Such activities shall be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy was performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of the mechanical and physical component of the SSDS was performed as defined in this SMP;

- Access to the Site was permitted to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- No potential off-site impacts were identified that require monitoring or mitigation. The potential for vapor intrusion on-site was previously evaluated and is being mitigated by the continuous operation of the active SSDS installed within the IC boundaries at the Site;
- No vegetable gardens or farming was performed on the Site are prohibited.

Adherence to these ICs is required by the Environmental Easement and has been implemented as part of the SMP remedial action presented in this FER and included in Appendix 7. A copy of the environmental easement and proof of filing is provided in Appendix 2.

4.2 Engineering Controls

The Engineering Control (EC) for the remaining contaminated soil, groundwater, and soil vapor beneath the Track 4 area of the Site included the following:

1. Cover System
2. Active Sub-Slab Depressurization System (SSDS)

These ECs present at the site have been maintained and operated satisfactorily as designed to render the Site protective to human health and environment. There have been no breaches to the covers system at the site that would trigger the execution of the Excavation Work Plan (EWP) of the SMP. Also, the SSDS operation has been in compliance with the SSDS Operation and Maintenance (O&M) Plan of the SMP.

Figure 7 provides the as-build of installed engineering controls.

5.0 GREEN AND SUSTAINABLE REMEDIATION

5.1 Environmental Footprint Analysis

An environmental footprint analysis for the remedial action was completed using SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), an NYSDEC-accepted environmental footprint analysis calculator. This analysis was completed to track material use, material disposal, equipment uses, water use, transportation emissions of both material and personnel, energy consumption and emissions generated as part of the implementation of the remedy presented in this FER. The following components of the remedy were evaluated using SEFA:

- Performance of one round of quarterly groundwater sampling with two mobilizations;
- Performance of one round of physical agitation of MW-9 by compressed Air Knife to remove fallen debris from sidewalk repair for Groundwater sampling;
- Operation and maintenance of the SSDS.

According to SEFA calculator, the total energy required for the execution of these elements of the FER remedy is 110 MMbtus, approximately 60% which is generated by Grid electricity generation, and approximately 30% which is from on-site inspection and the remaining from transportation of contractors and equipment. The total greenhouse gas emissions are approximately 4,200 pounds CO_2, approximately 75% of which is generated by on-site processes from Grid electricity generation, and approximately 25% which is generated from transportation and other off-site processes

Details regarding the inputs and outputs of the SEFA calculator are provided in Appendix 9.

5.2 Climate Resiliency

A climate change vulnerability assessment was performed to assess the resiliency of remedial actions presented in this FER.

According to National Oceanic and Atmospheric Administration (NOAA), specifically the National Weather Service's (NWS) National Hurricane Center (NHC), a storm surge flooding is likely to impact the Site for a Category 1 or higher storm. According to NYC's Risk Landscape Guide to Hazard Mitigation, Category 1 storms only impact NYC every 19 years. During the implementation of the FER remedy, storm surge hazards were not anticipated at the Site. In addition, the actions of the SMP presented in this FER did not affect the Site's susceptibility to flooding.

According to FEMA's National Risk Index, the Site is located in an area that is ranked for low risk for wildfires, hail and drought, moderate risk for earthquakes, hurricanes, tornados and landslides, and high risk for ice storms, heat waves, hurricanes, and strong wind. The actions of the SMP presented in this FER included minimal groundwater disturbance during a period of no drought of extreme heat wave that impacts the ability to perform groundwater monitoring and no major events that impacted the operation of the SSDS. Besides, these actions do not disturb soil, air, or groundwater in a way that increases the Site's vulnerability to climate change and climate change related disasters.

A Climate Screening Checklist was completed for the Site as part of this remedial design. Climate Screening did not indicate that a Climate Change Vulnerability Assessment was necessary. The Climate Screening Checklist is included in Appendix 9.

6.0 DEVIATIONS FROM THE NO FURTHUR ACTION REMEDIAL ACTION WORK PLAN

No deviations in the performance or functions of the SMP, ECs/ECs, and green remediation were identified during the implementation of the No Further Action remedy presented in this FER. No changes or modifications to improve the operation of the SMP, ECs/ECs, and green remediation were required.

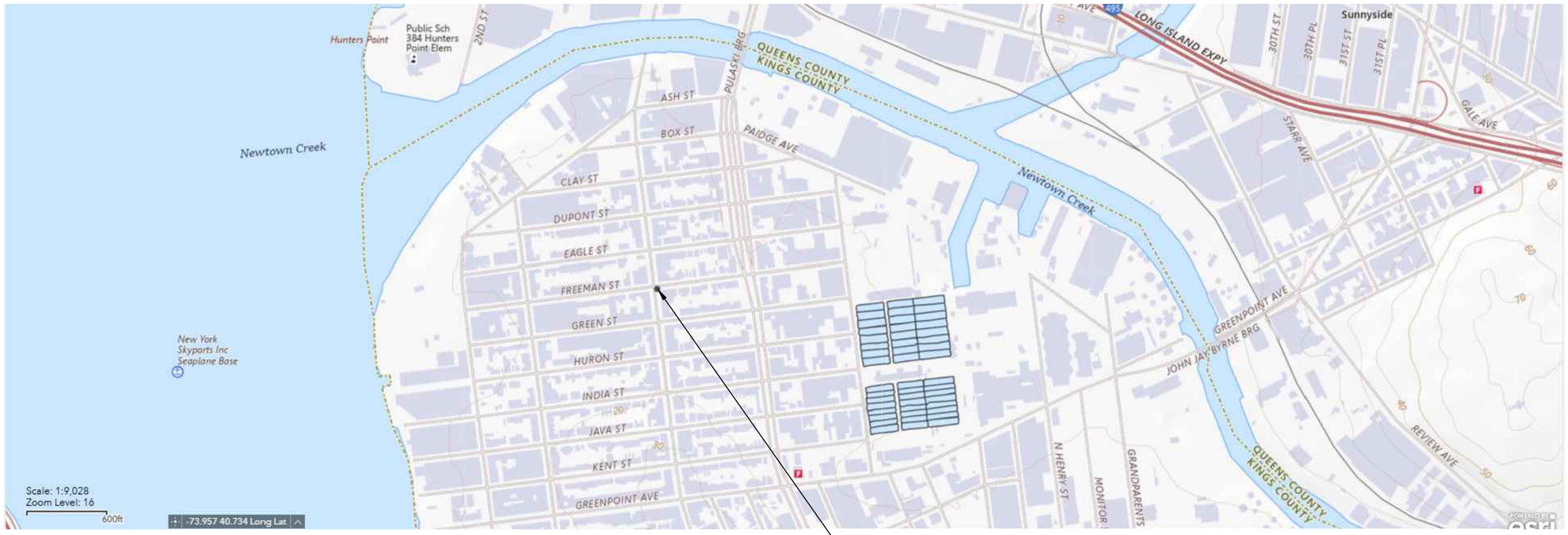
FIGURES

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

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SUBJECT PROPERTY:
170 FREEMAN STREET, BROOKLYN, NY.

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

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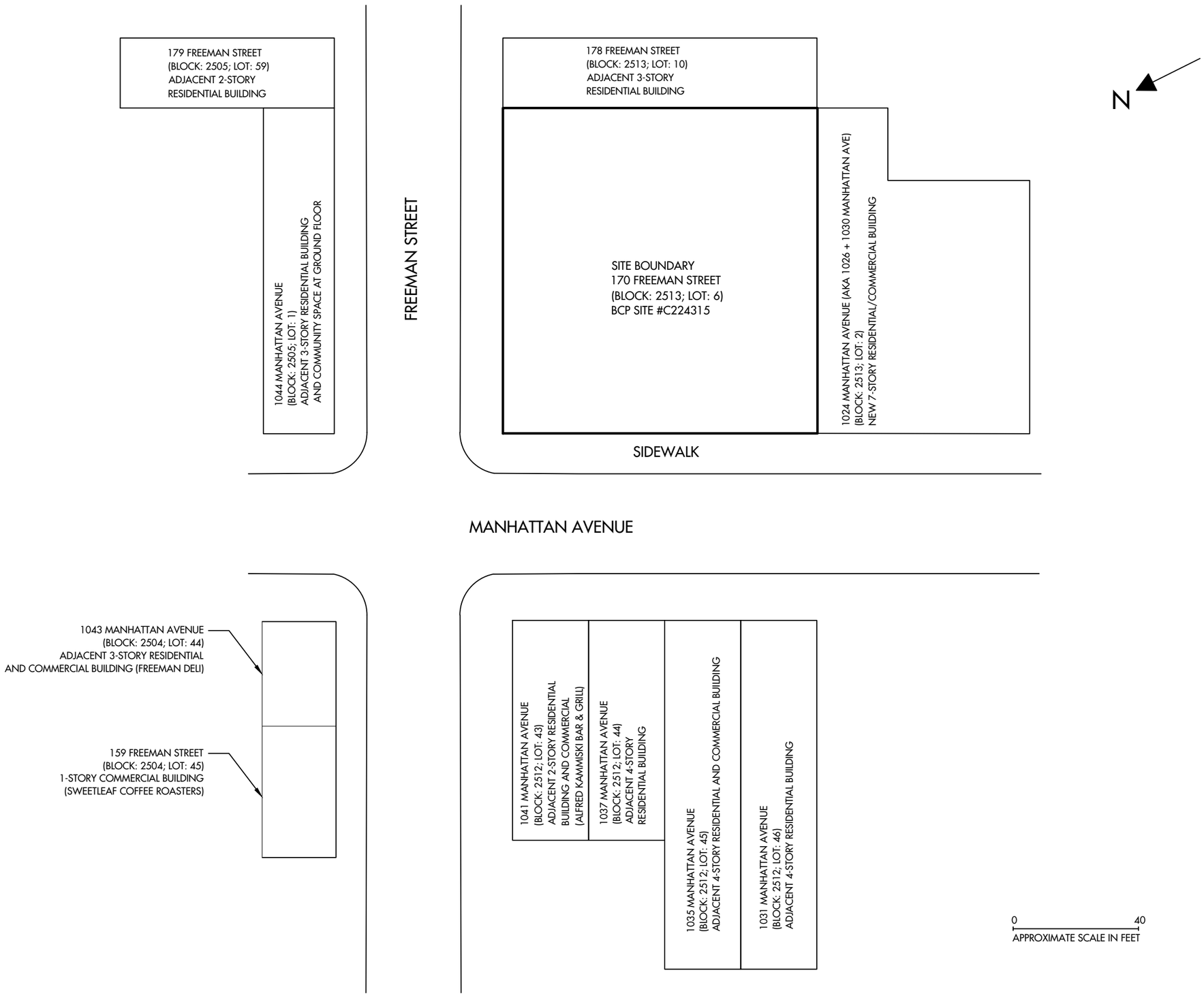
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 1: SITE LOCATION MAP

PROJECT NO.	DATE
230051	11/06/2024
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



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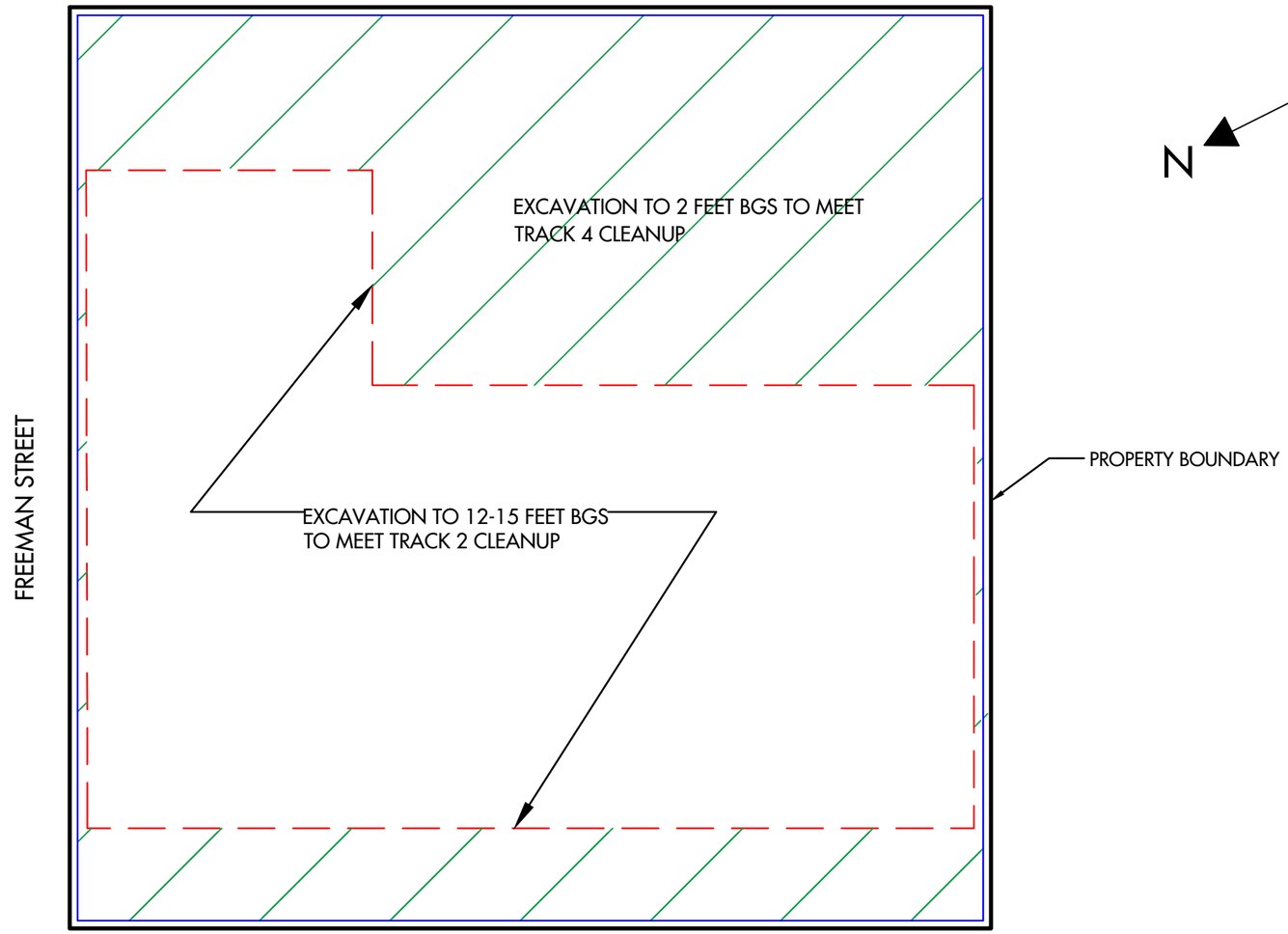
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 2: SITE LAYOUT MAP

PROJECT NO.	DATE
230051	06/09/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



LEGEND:

BGS BELOW SIDEWALK GRADE

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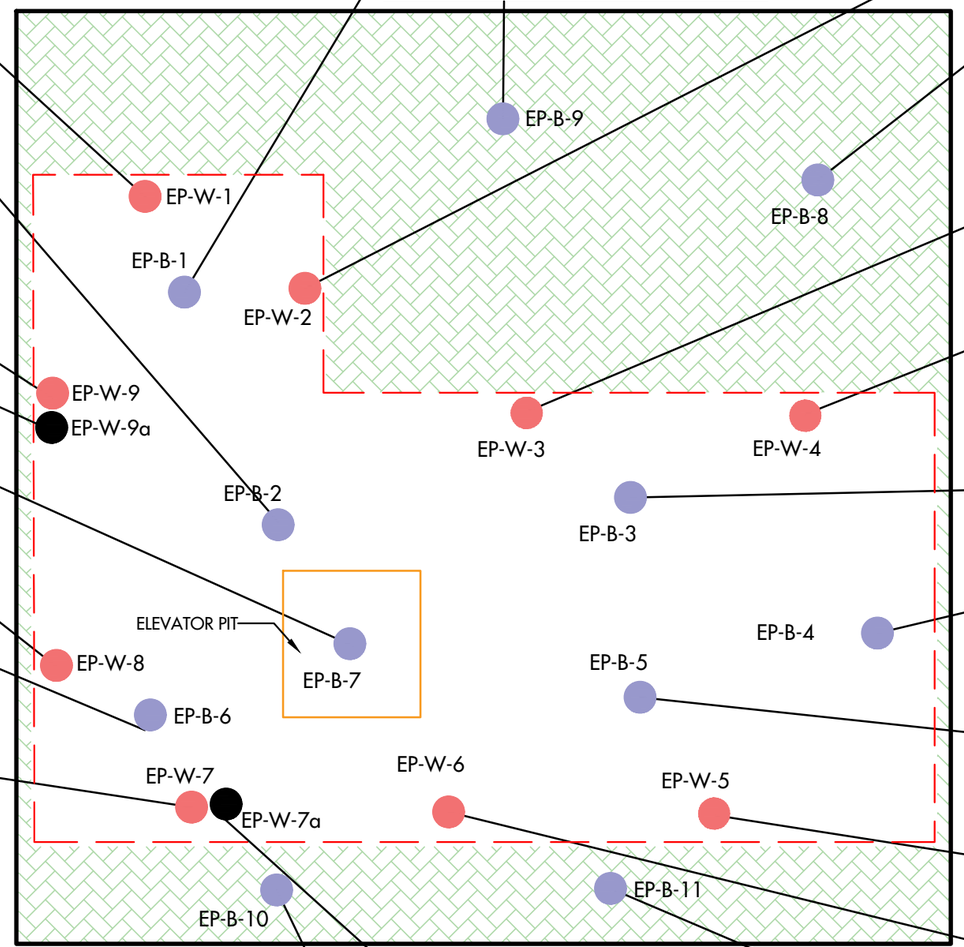
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 3: MAP OF TRACK 2 AND TRACK 4 SITE CLEANUP

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



Sample ID	EP-W-1		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	4/15/2024				
Acetone	0.03		0.05	0.05	100
Carbon disulfide	0.01		~	~	~
cis-1,2-Dichloroethylene	0.02		0.25	0.25	100
Tetrachloroethylene	0.005	J	1.3	1.3	19
Trichloroethylene	0.01		0.47	0.47	21

Sample ID	EP-B-1			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
cis-1,2-Dichloroethylene	0.012	0.25	0.25	100

Sample ID	EP-B-9		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/15/2024				
Acetone	0.007	J	0.05	0.05	100
Methylene chloride	0.008	JB	0.05	0.05	100

Sample ID	EP-W-2		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	4/15/2024				
Acetone	0.01	J	0.05	0.05	100
cis-1,2-Dichloroethylene	0.01		0.25	0.25	100
Methylene chloride	0.01		0.05	0.05	100
Tetrachloroethylene	0.003	J	1.3	1.3	19

Sample ID	EP-B-2		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	4/17/2024				
Acetone	0.01		0.05	0.05	100
cis-1,2-Dichloroethylene	0.011		0.25	0.25	100
Tetrachloroethylene	0.011		1.3	1.3	19
Trichloroethylene	0.002	J	0.47	0.47	21

Sample ID	EP-B-8		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/15/2024				
Acetone	0.016		0.05	0.05	100
cis-1,2-Dichloroethylene	0.003	J	0.25	0.25	100
Methylene chloride	0.006	JB	0.05	0.05	100

Sample ID	EP-W-9		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	4/15/2024				
Acetone	0.02		0.05	0.05	100
Tetrachloroethylene	0.075		1.3	1.3	19

Sample ID	EP-W-3		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	3/18/2024				
Acetone	0.01	J	0.05	0.05	100

Sample ID	EP-W-9a		UUSCO	PGWSCO	RRSCO
Depth	14'				
Sampling Date	5/9/2024				
Methylene chloride	0.01	J	0.05	0.05	100

Sample ID	EP-W-4		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	3/18/2024				
2-Butanone	0.02		0.12	0.12	100
Acetone	0.06		0.05	0.05	100

Sample ID	EP-B-7		UUSCO	PGWSCO	RRSCO
Depth	20.5'				
Sampling Date	3/15/2024				
Tetrachloroethylene	0.01		1.3	1.3	19

Sample ID	EP-B-3		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	3/18/2024				
Acetone	0.05		0.05	0.05	100
cis-1,2-Dichloroethylene	0.002	J	0.25	0.25	100
Methyl acetate	0.01		~	~	~
Methylene chloride	0.01		0.05	0.05	100

Sample ID	EP-W-8		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	5/24/2024				
Acetone	0.03		0.05	0.05	100

Sample ID	EP-B-4		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	3/18/2024				
2-Butanone	0.01		0.12	0.12	100
Acetone	0.04		0.05	0.05	100
Methylene chloride	0.006	J	0.05	0.05	100

Sample ID	EP-B-6		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	5/24/2024				
Acetone	0.03		0.05	0.05	100

Sample ID	EP-B-5			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
2-Butanone	0.01	0.12	0.12	100
Acetone	0.03	0.05	0.05	100

Sample ID	EP-W-7			UUSCO	PGWSCO	RRSCO
Depth	12'					
Sampling Date	5/24/2024					
Acetone	0.01	J		0.05	0.05	100
cis-1,2-Dichloroethylene	1.20	D		0.25	0.25	100
Vinyl Chloride	0.130			0.02	0.02	0.9

Sample ID	EP-W-5			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Methylene chloride	0.01	0.05	0.05	100

Sample ID	EP-W-6		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	3/18/2024				
Acetone	0.01		0.05	0.05	100
Methylene chloride	0.01	J	0.05	0.05	100
sec-Butylbenzene	0.02		11	11	100

Sample ID	EP-B-11	
Depth	2'	
Sampling Date	4/17/2024	
VOCs	0.00260	U

Sample ID	EP-W-7a		UUSCO	PGWSCO	RRSCO
Depth	14'				
Sampling Date	6/10/2024				
Acetone	0.03		0.05	0.05	100
cis-1,2-Dichloroethylene	0.06		0.25	0.25	100
trans-1,2-Dicchloroethylene	0.0028	J	0.19	0.19	100

Sample ID	EP-B-10		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/17/2024				
Acetone	0.005	J	0.05	0.05	100

LEGEND:
- SITE BOUNDARY
- PARTIAL BASEMENT LAYOUT

D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED
B = ANALYTE FOUND IN THE ANALYSIS BATCH BLANK
~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
UUSCO = NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
PGWSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - PROTECTION OF GROUNDWATER
RRSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - RESTRICTED RESIDENTIAL
- RESULT EXCEEDS PGWSCO

ALL RESULTS ARE IN MICROGRAM/KG (mg/kg)

REMEDIAL EXCAVATION TO TRACK 2 AND TRACK 4 CLEANUP:

- EXCAVATION MEETING TRACK 4 CLEANUP
- EXCAVATION MEETING TRACK 2 CLEANUP
- SIDEWALL END POINT SAMPLE (EP-W-)
- BOTTOM END POINT SAMPLE (EP-B-)
- RE-COLLECTED SIDEWALL ENDPOINT SAMPLE (EP-W--a)

N

0 20

APPROXIMATE SCALE IN FEET

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HydroTech

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 4A: MAPS OF RESIDUAL SOIL EXCEEDANCES OF SCOs

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Sample ID	EP-B-9		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/15/2024				
1,1-Biphenyl	0.17	D	~	~	~
1-Methylnaphthalene	0.59	D	~	~	~
2,4-Dimethylphenol	0.10	D	~	~	~
2-Methylnaphthalene	0.84	D			
2-Methylphenol	0.06	JD	0.33	0.33	100
3- & 4-Methylphenols	0.12	D	0.33	0.33	100
Acenaphthene	0.94	D	20	98	100
Acenaphthylene	0.43	D	100	107	100
Anthracene	2.54	D	100	1000	100
Benzo(a)anthracene	2.03	D	1	1	1
Benzo(a)pyrene	1.58	D	1	22	1
Benzo(b)fluoranthene	1.29	D	1	1.7	1
Benzo(g,h,i)perylene	1.52	D	100	1000	100
Benzo(k)fluoranthene	2.88	D	0.8	1.7	3.9
Carbazole	1.06	D	~	~	~
Chrysene	1.92	D	1	1	3.9
Cresols, total	0.18	JD	~	~	~
Dibenzo(a,h)anthracene	0.61	D	0.33	1000	0.33
Dibenzofuran	1.060	D	7	210	59
Fluoranthene	4.10	D	100	1000	100
Fluorene	1.15	D	30	386	100
Indeno(1,2,3-cd)pyrene	2.09	D	0.5	8.2	0.5
Naphthalene	1.55	D	12	12	100
Phenanthrene	4.61	D	100	1000	100
Pyrene	3.80	D	100	1000	100

Sample ID	EP-W-9		UUSCO	PGWSCO	RRSCO
Depth	12'				
Sampling Date	4/15/2024				
1,1-Biphenyl	0.39	D	~	~	~
1-Methylnaphthalene	1.32	D	~	~	~
2,4-Dimethylphenol	0.17	D	~	~	~
2-Methylnaphthalene	1.69	D			
2-Methylphenol	0.12	D	0.33	0.33	100
3- & 4-Methylphenols	0.20	D	0.33	0.33	100
Acenaphthene	2.63	D	20	98	100
Acenaphthylene	0.68	D	100	107	100
Anthracene	4.62	D	100	1000	100
Benzo(a)anthracene	8.24	D	1	1	1
Benzo(a)pyrene	7.17	D	1	22	1
Benzo(b)fluoranthene	6.11	D	1	1.7	1
Benzo(g,h,i)perylene	3.29	D	100	1000	100
Benzo(k)fluoranthene	5.54	D	0.8	1.7	3.9
Bis(2-ethylhexyl)phthalate	0.29	D	~	~	~
Carbazole	2.00	D	~	~	~
Chrysene	7.91	D	1	1	3.9
Cresols, total	0.31	D	~	~	~
Dibenzo(a,h)anthracene	1.17	D	0.33	1000	0.33
Dibenzofuran	2.05	D	7	210	59
Fluoranthene	20.10	D	100	1000	100
Fluorene	2.33	D	30	386	100
Indeno(1,2,3-cd)pyrene	4.36	D	0.5	8.2	0.5
Naphthalene	3.63	D	12	12	100
Phenanthrene	22.80	D	100	1000	100
Pyrene	18.70	D	100	1000	100

Sample ID	EP-B-11		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/17/2024				
Acenaphthene	0.05	JD	20	98	100
Acenaphthylene	0.05	JD	100	107	100
Anthracene	0.16	D	100	1000	100
Benzo(a)anthracene	0.48	D	1	1	1
Benzo(a)pyrene	0.48	D	1	22	1
Benzo(b)fluoranthene	0.59	D	1	1.7	1
Benzo(g,h,i)perylene	0.25	D	100	1000	100
Benzo(k)fluoranthene	0.21	D	0.8	1.7	3.9
Bis(2-ethylhexyl)phthalate	0.07	JD	~	~	~
Carbazole	0.07	JD	~	~	~
Chrysene	0.44	D	1	1	3.9
Dibenzo(a,h)anthracene	0.07	JD	0.33	1000	0.33
Fluoranthene	1.15	D	100	1000	100
Indeno(1,2,3-cd)pyrene	0.31	D	0.5	8.2	0.5
Phenanthrene	Acena	D	100	1000	100
Pyrene	0.83	D	100	1000	100

Sample ID	EP-W-1
Depth	12'
Sampling Date	4/15/2024
SVOCs	0.0508 U

Sample ID	EP-W-2
Depth	12'
Sampling Date	4/15/2024
SVOCs	0.0483 U

Sample ID	EP-B-1
Depth	12.5'
Sampling Date	4/15/2024
SVOCs	0.0468 U

Sample ID	EP-W-9a
Depth	14'
Sampling Date	5/9/2024
SVOCs	0.0479 U

Sample ID	EP-B-3
Depth	12.5'
Sampling Date	3/18/2024
SVOCs	0.0525 U

Sample ID	EP-B-7
Depth	20.5'
Sampling Date	3/15/2024
SVOCs	0.0541 U

Sample ID	EP-W-8
Depth	12'
Sampling Date	5/24/2024
SVOCs	0.0521 U

Sample ID	EP-B-6
Depth	12.5'
Sampling Date	5/24/2024
SVOCs	0.0521 U

Sample ID	EP-W-7
Depth	12'
Sampling Date	5/24/2024
SVOCs	0.0529 U

Sample ID	EP-W-7a
Depth	14'
Sampling Date	6/10/2024
SVOCs	0.0533 U

Sample ID	EP-B-2		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	4/17/2024				
Benzo(a)anthracene	0.07	JD	1	1	1
Benzo(a)pyrene	0.06	JD	1	22	1
Benzo(b)fluoranthene	0.07	JD	1	1.7	1
Chrysene	0.05	JD	1	1	3.9
Fluoranthene	0.15	D	100	1000	100
Phenanthrene	0.08	JD	100	1000	100
Pyrene	0.10	D	100	1000	100

Sample ID	EP-W-3
Depth	12'
Sampling Date	3/18/2024
SVOCs	0.0491 U

Sample ID	EP-B-8		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/15/2024				
Acenaphthene	0.10	JD	20	98	100
Anthracene	0.28	D	100	1000	100
Benzo(a)anthracene	0.70	D	1	1	1
Benzo(a)pyrene	0.61	D	1	22	1
Benzo(b)fluoranthene	0.47	D	1	1.7	1
Benzo(g,h,i)perylene	0.29	D	100	1000	100
Benzo(k)fluoranthene	0.49	D	0.8	1.7	3.9
Carbazole	0.07	JD	~	~	~
Chrysene	0.64	D	1	1	3.9
Dibenzo(a,h)anthracene	0.10	D	0.33	1000	0.33
Fluoranthene	1.40	D	100	1000	100
Fluorene	0.09	JD	30	386	100
Indeno(1,2,3-cd)pyrene	0.39	D	0.5	8.2	0.5
Phenanthrene	1.18	D	100	1000	100
Pyrene	1.43	D	100	1000	100

Sample ID	EP-W-4
Depth	12'
Sampling Date	3/18/2024
SVOCs	0.0573 U

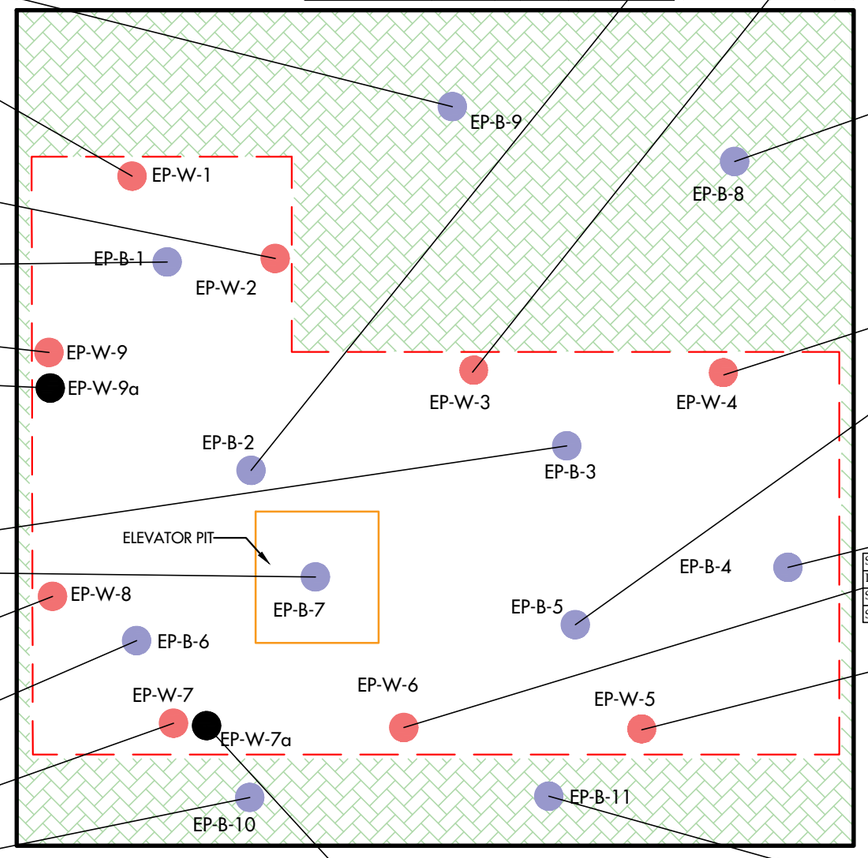
Sample ID	EP-B-5
Depth	12.5'
Sampling Date	3/18/2024
SVOCs	0.0538 U

Sample ID	EP-B-4
Depth	12.5'
Sampling Date	3/18/2024
SVOCs	0.0542 U

Sample ID	EP-W-6
Depth	12'
Sampling Date	3/18/2024
SVOCs	0.0503 U

Sample ID	EP-W-5
Depth	12'
Sampling Date	3/18/2024
SVOCs	0.0503 U

Sample ID	EP-B-10		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/17/2024				
Acenaphthene	0.11	D	20	98	100
Acenaphthylene	0.10	D	100	107	100
Anthracene	0.36	D	100	1000	100
Benzo(a)anthracene	1.04	D	1	1	1
Benzo(a)pyrene	0.97	D	1	22	1
Benzo(b)fluoranthene	1.28	D	1	1.7	1
Benzo(g,h,i)perylene	0.45	D	100	1000	100
Benzo(k)fluoranthene	0.40	D	0.8	1.7	3.9
Bis(2-ethylhexyl)phthalate	0.06	JD	~	~	~
Carbazole	0.14	D	~	~	~
Chrysene	0.91	D	1	1	3.9
Dibenzo(a,h)anthracene	0.14	D	0.33	1000	0.33
Dibenzofuran	0.07	JD	7	210	59
Fluoranthene	2.48	D	100	1000	100
Fluorene	0.09	JD	30	386	100
Indeno(1,2,3-cd)pyrene	0.60	D	0.5	8.2	0.5
Phenanthrene	1.38	D	100	1000	100
Pyrene	1.86	D	100	1000	100



LEGEND:
- SITE BOUNDARY
- PARTIAL BASEMENT LAYOUT

D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW RL (REPORTING LIMIT)- DATA IS ESTIMATED
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
~ = THIS INDIACTES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
UUSCO = NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
PGWSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - PROTECTION OF GROUNDWATER

RRSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - RESTRICTED RESIDENTIAL
- RESULT EXCEEDS RRSCO
- RESULT EXCEEDS PGWSCO

ALL RESULTS ARE IN MICROGRAM/KG (mg/kg)

REMEDIAL EXCAVATION TO TRACK 2 AND TRACK 4 CLEANUP:
- EXCAVATION MEETING TRACK 4 CLEANUP
- EXCAVATION MEETING TRACK 2 CLEANUP
- SIDEWALL END POINT SAMPLE (EP-W-)
- BOTTOM END POINT SAMPLE (EP-B-)
- RE-COLLECTED SIDEWALL ENDPOINT SAMPLE (EP-W--a)

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APPROXIMATE SCALE IN FEET

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DATE	DESCRIPTION	CHK

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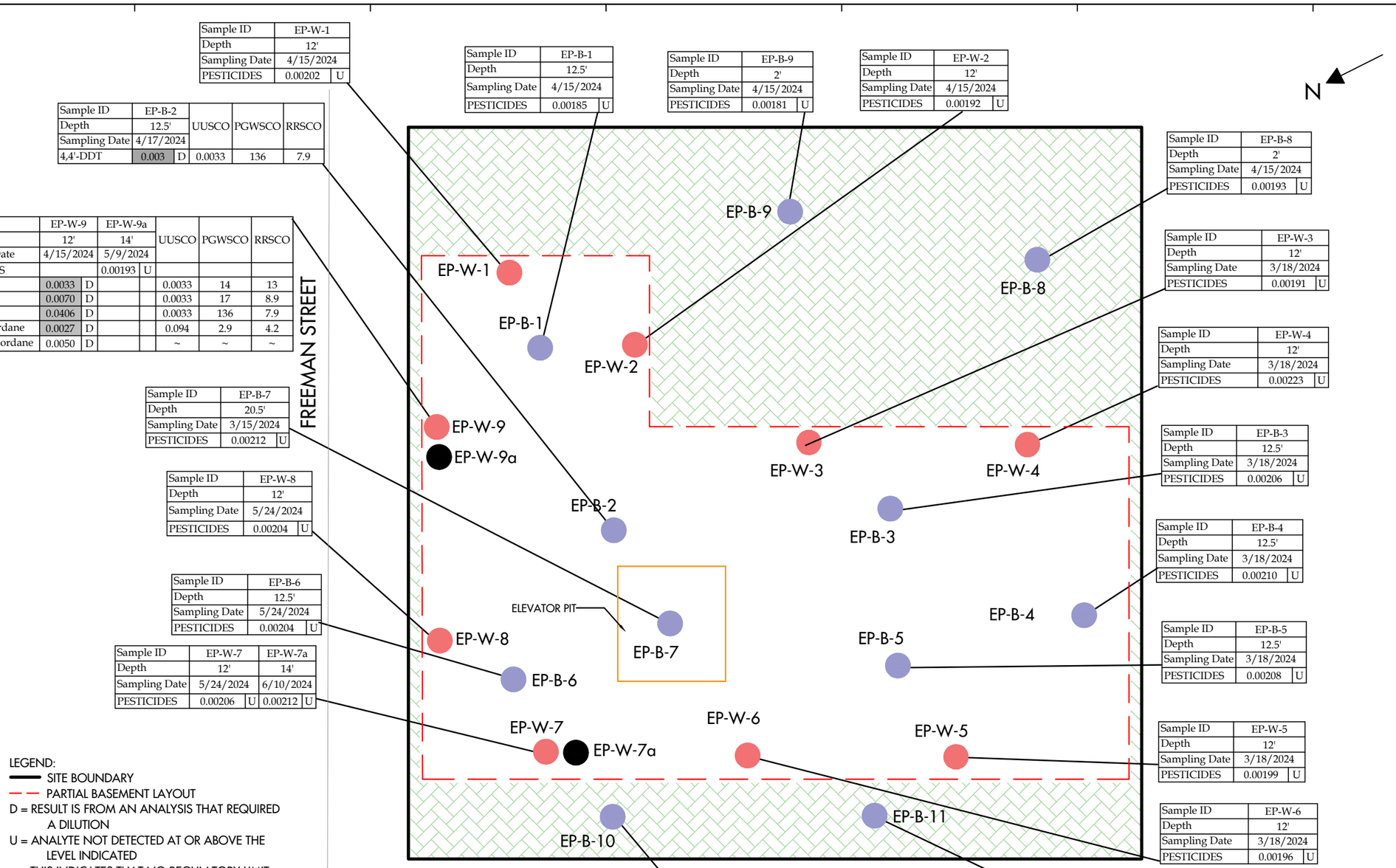
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 4B: MAPS OF RESIDUAL SOIL EXCEEDANCES OF SCOs

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



Sample ID	EP-W-1
Depth	12'
Sampling Date	4/15/2024
PESTICIDES	0.00202 U

Sample ID	EP-B-1
Depth	12.5'
Sampling Date	4/15/2024
PESTICIDES	0.00185 U

Sample ID	EP-B-9
Depth	2'
Sampling Date	4/15/2024
PESTICIDES	0.00181 U

Sample ID	EP-W-2
Depth	12'
Sampling Date	4/15/2024
PESTICIDES	0.00192 U

Sample ID	EP-B-2		UUSCO	PGWSCO	RRSCO
Depth	12.5'				
Sampling Date	4/17/2024				
4,4'-DDT	0.003	D	0.0033	136	7.9

Sample ID	EP-B-8
Depth	2'
Sampling Date	4/15/2024
PESTICIDES	0.00193 U

Sample ID	EP-W-9		EP-W-9a		UUSCO	PGWSCO	RRSCO
Depth	12'		14'				
Sampling Date	4/15/2024		5/9/2024				
PESTICIDES			0.00193	U			
4,4'-DDD	0.0033	D			0.0033	14	13
4,4'-DDE	0.0070	D			0.0033	17	8.9
4,4'-DDT	0.0406	D			0.0033	136	7.9
alpha-Chlordane	0.0027	D			0.094	2.9	4.2
gamma-Chlordane	0.0050	D			~	~	~

Sample ID	EP-W-3
Depth	12'
Sampling Date	3/18/2024
PESTICIDES	0.00191 U

Sample ID	EP-B-7
Depth	20.5'
Sampling Date	3/15/2024
PESTICIDES	0.00212 U

Sample ID	EP-W-4
Depth	12'
Sampling Date	3/18/2024
PESTICIDES	0.00223 U

Sample ID	EP-W-8
Depth	12'
Sampling Date	5/24/2024
PESTICIDES	0.00204 U

Sample ID	EP-B-3
Depth	12.5'
Sampling Date	3/18/2024
PESTICIDES	0.00206 U

Sample ID	EP-B-6
Depth	12.5'
Sampling Date	5/24/2024
PESTICIDES	0.00204 U

Sample ID	EP-B-4
Depth	12.5'
Sampling Date	3/18/2024
PESTICIDES	0.00210 U

Sample ID	EP-W-7		EP-W-7a	
Depth	12'		14'	
Sampling Date	5/24/2024		6/10/2024	
PESTICIDES	0.00206	U	0.00212	U

Sample ID	EP-B-5
Depth	12.5'
Sampling Date	3/18/2024
PESTICIDES	0.00208 U

Sample ID	EP-W-5
Depth	12'
Sampling Date	3/18/2024
PESTICIDES	0.00199 U

Sample ID	EP-W-6
Depth	12'
Sampling Date	3/18/2024
PESTICIDES	0.00196 U

Sample ID	EP-B-11		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/17/2024				
4,4'-DDD	0.0092	D	0.0033	14	13
4,4'-DDE	0.0527	D	0.0033	17	8.9
4,4'-DDT	0.3040	D	0.0033	136	7.9
alpha-Chlordane	0.004	D	0.094	2.9	4.2
Dieldrin	0.004	D	0.005	0.1	0.2
gamma-Chlordane	0.007	D	~	~	~
Heptachlor epoxide	0.002		~	~	~

Sample ID	EP-B-10		UUSCO	PGWSCO	RRSCO
Depth	2'				
Sampling Date	4/17/2024				
4,4'-DDE	0.0028	D	0.0033	17	8.9
4,4'-DDT	0.0115	D	0.0033	136	7.9

LEGEND:
- SITE BOUNDARY
- PARTIAL BASEMENT LAYOUT

D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
UUSCO = NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
PGWSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - PROTECTION OF GROUNDWATER
RRSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - RESTRICTED RESIDENTIAL
- RESULT EXCEEDS UUSCO

ALL RESULTS ARE IN MICROGRAM/KG (mg/kg)

REMEDIAL EXCAVATION TO TRACK 2 AND TRACK 4 CLEANUP:

- EXCAVATION MEETING TRACK 4 CLEANUP
- EXCAVATION MEETING TRACK 2 CLEANUP
- SIDEWALL END POINT SAMPLE (EP-W-)
- BOTTOM END POINT SAMPLE (EP-B-)
- RE-COLLECTED SIDEWALL ENDPOINT SAMPLE (EP-W--a)

0 20

APPROXIMATE SCALE IN FEET

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 4C: MAPS OF RESIDUAL SOIL EXCEEDANCES OF SCOs

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HydroTech

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

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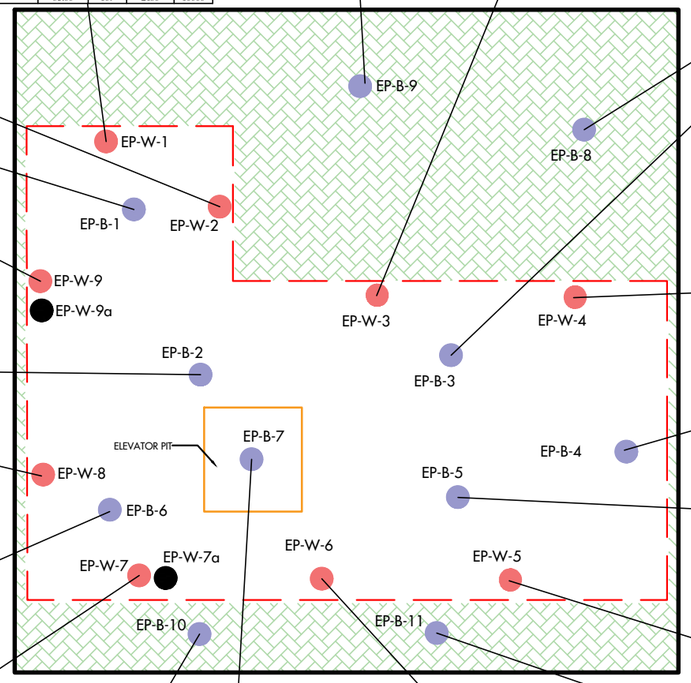
170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 4D: MAPS OF RESIDUAL SOIL EXCEEDANCES OF SCOs

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

N



0 20
APPROXIMATE SCALE IN FEET

Sample ID	EP-B-1			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
Aluminum	4,770	~	~	~
Arsenic	2.24	13	16	16
Barium	19.10	350	820	400
Calcium	894	~	~	~
Chromium Trivalent	15.30	30	NS	36
Cobalt	5.95	~	~	~
Copper	10.90	50	1720	270
Iron	6,990	~	~	~
Lead	5.41	63	450	400
Magnesium	1,690	~	~	~
Manganese	73.30	1600	2000	2000
Nickel	13.80	30	130	310
Potassium	929	~	~	~
Sodium	141	~	~	~
Vanadium	21.40	~	~	~
Zinc	25.70	109	2480	10000

Sample ID	EP-W-2			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
Aluminum	7,660	~	~	~
Arsenic	5.60	13	16	16
Barium	49.50	350	820	400
Beryllium	0.24	7.2	47	72
Calcium	1,750	~	~	~
Chromium Trivalent	17	30	NS	36
Cobalt	4.05	~	~	~
Copper	15.30	50	1720	270
Iron	18,600	~	~	~
Lead	15.30	63	450	400
Magnesium	2,090	~	~	~
Manganese	238	1600	2000	2000
Nickel	11	30	130	310
Potassium	1,210	~	~	~
Sodium	71.40	~	~	~
Vanadium	26.30	~	~	~
Zinc	31.80	109	2480	10000

Sample ID	EP-W-1			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
Aluminum	6,890	~	~	~
Arsenic	5.73	13	16	16
Barium	40	350	820	400
Beryllium	0.33	7.2	47	72
Calcium	1,160	~	~	~
Chromium Trivalent	15.20	30	NS	36
Cobalt	5.34	~	~	~
Copper	12	50	1720	270
Iron	9,370	~	~	~
Lead	10.20	63	450	400
Magnesium	2,150	~	~	~
Manganese	96.50	1600	2000	2000
Nickel	11.50	30	130	310
Potassium	1,150	~	~	~
Sodium	57.50	~	~	~
Vanadium	23.20	~	~	~
Zinc	35.60	109	2480	10000

Sample ID	EP-B-9			
Depth	2'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
Aluminum	8,000	~	~	~
Arsenic	4.67	13	16	16
Barium	50.20	350	820	400
Calcium	1,220	~	~	~
Chromium Trivalent	20	30	NS	36
Cobalt	10.20	~	~	~
Copper	17.60	50	1720	270
Iron	18,400	~	~	~
Lead	27.10	63	450	400
Magnesium	2,040	~	~	~
Manganese	339	1600	2000	2000
Mercury	0.28	0.18	0.73	0.81
Nickel	17	30	130	310
Potassium	1,150	~	~	~
Sodium	66.60	~	~	~
Vanadium	27.10	~	~	~
Zinc	38.20	109	2480	10000

Sample ID	EP-W-3			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	11,200	~	~	~
Arsenic	15.50	13	16	16
Barium	78.30	350	820	400
Beryllium	0.52	7.2	47	72
Calcium	1,400	~	~	~
Chromium, Hexavalent	1.04	1	19	110
Chromium Trivalent	28.50	30	NS	36
Cobalt	7.25	~	~	~
Copper	21.60	50	1720	270
Iron	26,600	~	~	~
Lead	12.60	63	450	400
Magnesium	2,920	~	~	~
Manganese	849	1600	2000	2000
Nickel	18.50	30	130	310
Potassium	1,190	~	~	~
Selenium	6.82	3.9	4	180
Sodium	123	~	~	~
Vanadium	40.70	~	~	~
Zinc	65.60	109	2480	10000

Sample ID	EP-B-8			
Depth	2'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024			
Aluminum	8,270	~	~	~
Arsenic	3.15	13	16	16
Barium	56.30	350	820	400
Beryllium	0.21	7.2	47	72
Calcium	7,790	~	~	~
Chromium Trivalent	13.90	30	NS	36
Cobalt	4.16	~	~	~
Copper	16.20	50	1720	270
Iron	14,100	~	~	~
Lead	63.40	63	450	400
Magnesium	2,410	~	~	~
Manganese	382	1600	2000	2000
Mercury	0.16	0.18	0.73	0.81
Nickel	12.70	30	130	310
Potassium	1,220	~	~	~
Sodium	123	~	~	~
Vanadium	16.40	~	~	~
Zinc	78	109	2480	10000

Sample ID	EP-W-9	EP-W-9a				
Depth	12'	14'		UUSCO	PGWSCO	RRSCO
Sampling Date	4/15/2024	5/9/2024				
Aluminum	10,600	7,900		~	~	~
Arsenic	8	2.77		13	16	16
Barium	344	40.50		350	820	400
Beryllium	0.18	0.0490	U	7.2	47	72
Cadmium	0.53			2.5	7.5	4.3
Calcium	27,000	11,900	B	~	~	~
Chromium Trivalent	21.20	16		30	NS	36
Cobalt	4.80	12.10		~	~	~
Copper	78.10	13.40		50	1720	270
Iron	14,700	12,300		~	~	~
Lead	548	13.10		63	450	400
Magnesium	4,400	2,820		~	~	~
Manganese	300	155		1600	2000	2000
Mercury	1.02			0.18	0.73	0.81
Nickel	13.80	18		30	130	310
Potassium	1,320	1,260	B	~	~	~
Sodium	466	166		~	~	~
Vanadium	27.90	21.40		~	~	~
Zinc	281	40		109	2480	10000

Sample ID	EP-B-3			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	9,890	~	~	~
Arsenic	7.86	13	16	16
Barium	54.30	350	820	400
Calcium	2,010	~	~	~
Chromium Trivalent	18.80	30	NS	36
Cobalt	7.73	~	~	~
Copper	21.60	50	1720	270
Iron	18,700	~	~	~
Lead	10.50	63	450	400
Magnesium	4,440	~	~	~
Manganese	209	1600	2000	2000
Nickel	18.60	30	130	310
Potassium	1,340	~	~	~
Selenium	3.19	3.9	4	180
Sodium	102	~	~	~
Vanadium	25.60	~	~	~
Zinc	59.30	109	2480	10000

Sample ID	EP-W-4			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	7,460	~	~	~
Arsenic	8.98	13	16	16
Barium	42.700	350	820	400
Beryllium	0.17	7.2	47	72
Calcium	1,650	~	~	~
Chromium Trivalent	15.40	30	NS	36
Cobalt	3.99	~	~	~
Copper	18.20	50	1720	270
Iron	14,400	~	~	~
Lead	8.60	63	450	400
Magnesium	3,100	~	~	~
Manganese	116	1600	2000	2000
Nickel	14	30	130	310
Potassium	769	~	~	~
Sodium	83.20	~	~	~
Vanadium	22.90	~	~	~
Zinc	38.40	109	2480	10000

Sample ID	EP-B-4			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	10,400	~	~	~
Arsenic	7.57	13	16	16
Barium	50.60	350	820	400
Calcium	3,050	~	~	~
Chromium Trivalent	19.40	30	NS	36
Cobalt	8.80	~	~	~
Copper	22	50	1720	270
Iron	25,800	~	~	~
Lead	12.40	63	450	400
Magnesium	4,500	~	~	~
Manganese	424	1600	2000	2000
Nickel	19.20	30	130	310
Potassium	1,270	~	~	~
Selenium	6.32	3.9	4	180
Sodium	97	~	~	~
Vanadium	36.30	~	~	~
Zinc	54.30	109	2480	10000

Sample ID	EP-B-5			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	7,650	~	~	~
Arsenic	13.10	13	16	16
Barium	43.50	350	820	400
Calcium	2,220	~	~	~
Chromium Trivalent	14.50	30	NS	36
Cobalt	5.25	~	~	~
Copper	16.50	50	1720	270
Iron	23,400	~	~	~
Lead	10.60	63	450	400
Magnesium	3,440	~	~	~
Manganese	714	1600	2000	2000
Nickel	14.60	30	130	310
Potassium	947	~	~	~
Selenium	4.80	3.9	4	180
Sodium	81.80	~	~	~
Vanadium	23.30	~	~	~
Zinc	41.20	109	2480	10000

Sample ID	EP-W-5			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	9,840	~	~	~
Arsenic	6.65	13	16	16
Barium	76.40	350	820	400
Beryllium	0.11	7.2	47	72
Calcium	1,780	~	~	~
Chromium, Hexavalent	1.69	1	19	110
Chromium Trivalent	17	30	NS	36
Cobalt	11.50	~	~	~
Copper	22.20	50	1720	270
Iron	25,100	~	~	~
Lead	19.70	63	450	400
Magnesium	3,100	~	~	~
Manganese	529	1600	2000	2000
Nickel	15.10	30	130	310
Potassium	1,160	~	~	~
Selenium	4.88	3.9	4	180
Sodium	126	~	~	~
Vanadium	31.20	~	~	~
Zinc	53.50	109	2480	10000

Sample ID	EP-B-2			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/17/2024			
Aluminum	10,100	~	~	~
Arsenic	7.43	13	16	16
Barium	60.80	350	820	400
Calcium	2,420	~	~	~
Chromium Trivalent	17.40	30	NS	36
Cobalt	3.12	~	~	~
Copper	17	50	1720	270
Iron	47,200	~	~	~
Lead	22.10	63	450	400
Magnesium	1,760	~	~	~
Manganese	375	1600	2000	2000
Mercury	0.04	0.18	0.73	0.81
Nickel	10.50	30	130	310
Potassium	674	~	~	~
Selenium	4.97	3.9	4	180
Sodium	75.70	~	~	~
Vanadium	61.60	~	~	~
Zinc	33.10	109	2480	10000

Sample ID	EP-W-8				
Depth	12'		UUSCO	PGWSCO	RRSCO
Sampling Date	5/24/2024				
Aluminum	8,760		~	~	~
Arsenic	9.95		13	16	16
Barium	60.20		350	820	400
Beryllium	0.17	B	7.2	47	72
Calcium	841		~	~	~
Chromium Trivalent	22.20		30	NS	36
Cobalt	3.77		~	~	~
Copper	21.30		50	1720	270
Iron	24,200		~	~	~
Lead	15.20		63	450	400
Magnesium	2,050		~	~	~
Manganese	90.60		1600	2000	2000
Nickel	10.70		30	130	310
Potassium	1,740		~	~	~
Sodium	98.50		~	~	~
Vanadium	30.40		~	~	~
Zinc	31.50		109	2480	10000

Sample ID	EP-B-6			
Depth	12.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	5/24/2024			
Aluminum	8,760	~	~	~
Arsenic	9.95	13	16	16
Barium	60.20	350	820	400
Beryllium	0.17 B	7.2	47	72
Calcium	841	~	~	~
Chromium Trivalent	22.20	30	NS	36
Cobalt	3.77	~	~	~
Copper	21.30	50	1720	270
Iron	24,200	~	~	~
Lead	15.20	63	450	400
Magnesium	2,050	~	~	~
Manganese	90.60	1600	2000	2000
Nickel	10.70	30	130	310
Potassium	1,740	~	~	~
Sodium	98.50	~	~	~
Vanadium	30.40	~	~	~
Zinc	31.50	109	2480	10000

Sample ID	EP-W-7	EP-W-7a			
Depth	12'	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	5/24/2024	6/10/2024			
Aluminum	9,610	9,800	~	~	~
Arsenic	5.18	14.50	13	16	16
Barium	44.40	59	350	820	400
Beryllium	0.20 B	0.67	7.2	47	72
Calcium	1,070	2,420	~	~	~
Chromium Trivalent	20.10	18.70	30	NS	36
Cobalt	9.20	9.99	~	~	~
Copper	19.30	21.90	50	1720	270
Iron	13,700	13,100	~	~	~
Lead	10.50	9.70	63	450	400
Magnesium	3,040	3,620	~	~	~
Manganese	119	118	1600	2000	2000
Nickel	16.80	22.80	30	130	310
Potassium	1,420	1,160	~	~	~
Sodium	118	212	~	~	~
Vanadium	34.90	30.90	~	~	~
Zinc	45.70	50.90	109	2480	10000

Sample ID	EP-B-10			
Depth	2'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/17/2024			
Aluminum	8,280	~	~	~
Arsenic	4.80	13	16	16
Barium	205	350	820	400
Beryllium	0.09	7.2	47	72
Calcium	13,900	~	~	~
Chromium Trivalent	15.70	30	NS	36
Cobalt	9.47	~	~	~
Copper	45	50	1720	270
Iron	17,800	~	~	~
Lead	153	63	450	400
Magnesium	2,740	~	~	~
Manganese	281	1600	2000	2000
Mercury	0.30	0.18	0.73	0.81
Nickel	28.50	30	130	310
Potassium	1,360	~	~	~
Sodium	221	~	~	~
Vanadium	21	~	~	~
Zinc	117	109	2480	10000

Sample ID	EP-B-7			
Depth	20.5'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/15/2024			
Aluminum	7,480	~	~	~
Arsenic	11.70	13	16	16
Barium	59.10	350	820	400
Beryllium	1.63	7.2	47	72
Calcium	2,020	~	~	~
Chromium Trivalent	16.20	30	NS	36
Copper	22	50	1720	270
Iron	125,000	~	~	~
Lead	27.70	63	450	400
Magnesium	480	~	~	~
Manganese	1,050	1600	2000	2000
Nickel	5.26	30	130	310
Potassium	78.80	~	~	~
Selenium	17.50	3.9	4	180
Thallium	6.30		~	~
Vanadium	132	~	~	~
Zinc	18.70	109	2480	10000

Sample ID	EP-W-6			
Depth	12'	UUSCO	PGWSCO	RRSCO
Sampling Date	3/18/2024			
Aluminum	8,260	~	~	~
Arsenic	6.85	13	16	16
Barium	63.20	350	820	400
Calcium	1,050	~	~	~
Chromium Trivalent	14	30	NS	36
Cobalt	7.26	~	~	~
Copper	15.70	50	1720	270
Iron	20,000	~	~	~
Lead	8.73	63	450	400
Magnesium	2,440	~	~	~
Manganese	301	1600	2000	2000
Nickel	13.90	30	130	310
Potassium	814	~	~	~
Selenium	5.25	3.9	4	180
Sodium	121	~	~	~
Vanadium	17.60	~	~	~
Zinc	44	109	2480	10000

Sample ID	EP-B-11			
Depth	2'	UUSCO	PGWSCO	RRSCO
Sampling Date	4/17/2024			
Aluminum	8,230	~	~	~
Arsenic	4.68	13	16	16
Barium	1,430	350	820	400
Cadmium	0.74	2.5	7.5	4.3
Calcium	30,600	~	~	~
Chromium Trivalent	19.20	30	NS	36
Cobalt	2.08	~	~	~
Copper	28.60	50	1720	270
Iron	23,700	~	~	~
Lead	407	63	450	400
Magnesium	3,850	~	~	~
Manganese	306	1600	2000	2000
Mercury	0.22	0.18	0.73	0.81
Nickel	9.80	30	130	310
Potassium	1,360	~	~	~
Sodium	241	~	~	~
Vanadium	26.40	~	~	~
Zinc	448	109	2480	10000

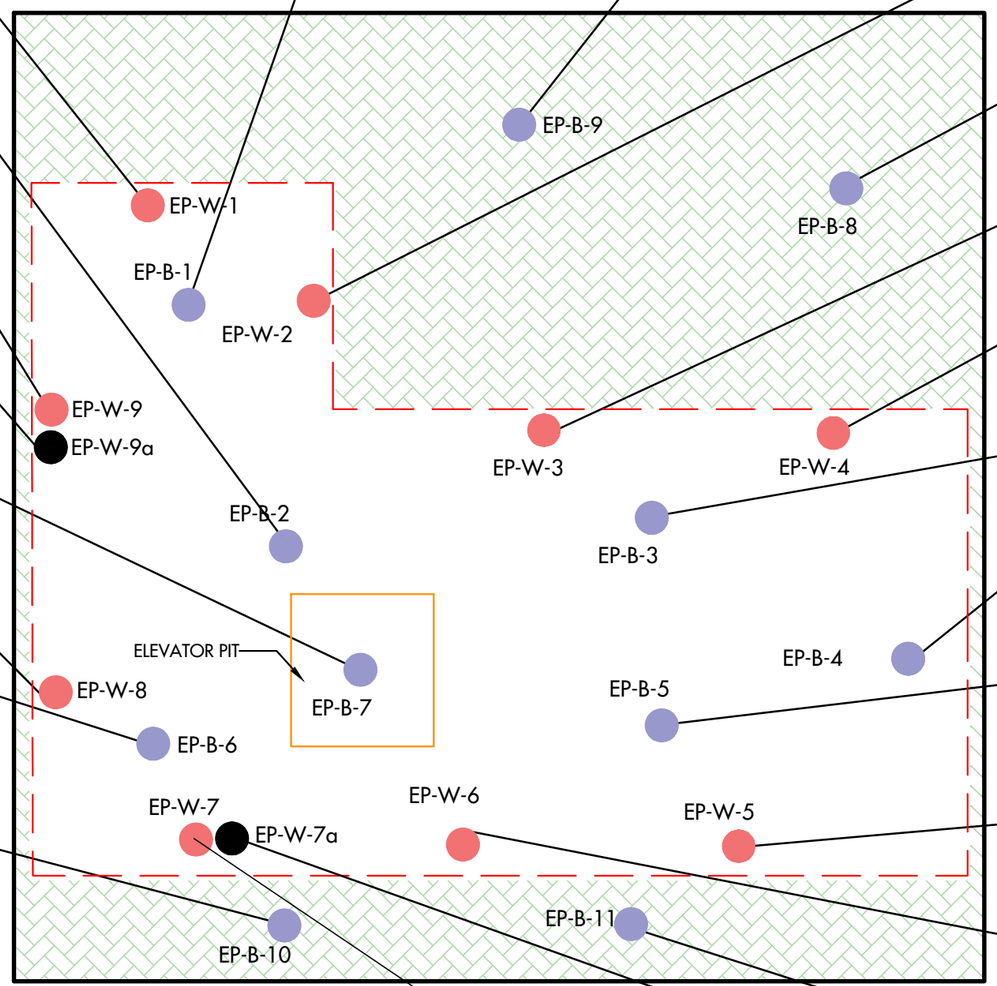
REMEDIAL EXCAVATION TO TRACK 2 AND TRACK 4 CLEANUP:

- EXCAVATION MEETING TRACK 4 CLEANUP
- EXCAVATION MEETING TRACK 2 CLEANUP
- SIDEWALL END POINT SAMPLE (EP-W-)
- BOTTOM END POINT SAMPLE (EP-B-)
- RE-COLLECTED SIDEWALL ENDPOINT SAMPLE (EP-W--a)

LEGEND:

- SITE BOUNDARY
- PARTIAL BASEMENT LAYOUT
- B = ANALYTE FOUND IN THE ANALYSIS BATCH BLANK
- ~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
- UUSCO = NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- PGWSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - PROTECTION OF GROUNDWATER
- RRSCO = NYSDEC PART 375 RESTRICTED USE SOIL CLEANUP OBJECTIVES - RESTRICTED RESIDENTIAL
- RESULT EXCEEDS UUSCO
- RESULT EXCEEDS RRSCO

ALL RESULTS ARE IN MICROGRAM/KG (mg/kg)



Sample ID	EP-W-1
Depth	12'
Sampling Date	4/15/2024
Polyfluoroalkyl Substances (PFAS)	0.0013 U

Sample ID	EP-B-1
Depth	12.5'
Sampling Date	4/15/2024
Polyfluoroalkyl Substances (PFAS)	0.00006 U

Sample ID	EP-B-9
Depth	2'
Sampling Date	4/15/2024
Polyfluoroalkyl Substances (PFAS)	NAS

Sample ID	EP-W-2
Depth	12'
Sampling Date	4/15/2024
Polyfluoroalkyl Substances (PFAS)	0.00012 U

Sample ID	EP-B-2
Depth	12.5'
Sampling Date	4/17/2024
Polyfluoroalkyl Substances (PFAS)	0.00006 U

Sample ID	EP-W-9
Depth	12'
Sampling Date	4/15/2024
Polyfluoroalkyl Substances (PFAS)	0.00006 U

Sample ID	EP-W-9a
Depth	14'
Sampling Date	5/9/2024
Polyfluoroalkyl Substances (PFAS)	0.000062 U

Sample ID	EP-B-7
Depth	20.5'
Sampling Date	3/15/2024
Polyfluoroalkyl Substances (PFAS)	0.069 U

Sample ID	EP-W-8
Depth	12'
Sampling Date	5/24/2024
Polyfluoroalkyl Substances (PFAS)	0.00007 U

Sample ID	EP-B-6
Depth	12.5'
Sampling Date	5/24/2024
Polyfluoroalkyl Substances (PFAS)	0.00007 U

Sample ID	EP-B-10	UPFAS	PGWPFAS	RRPFAS
Depth	2'			
Sampling Date	4/17/2024			
Perfluorooctanesulfonic acid (PFOS)	0.0004	0.00088	0.001	0.044

LEGEND:
- SITE BOUNDARY
- PARTIAL BASEMENT LAYOUT
- J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED
- U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
- ~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
- NAS = NONE ABOVE STANDARD
- PFAS = POLYFLUOROALKYL SUBSTANCES
- UPFAS = NYSDEC PART 375 REMEDIAL SOIL GUIDANCE PFAS UNRESTRICTED - APRIL 2023
- PGWPFAS = NYSDEC PART 375 REMEDIAL SOIL GUIDANCE PFAS PROTECTION OF GROUNDWATER - APRIL 2023
- RRSCO = NYSDEC PART 375 REMEDIAL SOIL GUIDANCE PFAS RESTRICTED RESIDENTIAL - APRIL 2023
- RESULT EXCEEDS UPFAS AND PGWPFAS

ALL RESULTS ARE IN MICROGRAM/KG (mg/kg)

Sample ID	EP-B-8	UPFAS	PGWPFAS	RRPFAS
Depth	2'			
Sampling Date	4/15/2024			
Perfluorononanoic acid (PFNA)	0.0003	~	~	~
Perfluorooctanesulfonic acid (PFOS)	0.0028	0.00088	0.001	0.044

Sample ID	EP-W-3
Depth	12'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.170 U

Sample ID	EP-W-4
Depth	12'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.072 U

Sample ID	EP-B-3
Depth	12.5'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.0665 U

Sample ID	EP-B-4
Depth	12.5'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.0677 U

Sample ID	EP-B-5
Depth	12.5'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.0679 U

Sample ID	EP-W-5
Depth	12'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.0743 U

Sample ID	EP-W-6
Depth	12'
Sampling Date	3/18/2024
Polyfluoroalkyl Substances (PFAS)	0.0744 U

Sample ID	EP-B-11	UPFAS	PGWPFAS	RRPFAS
Depth	2'			
Sampling Date	4/17/2024			
Perfluorooctanesulfonic acid (PFOS)	0.0002 J	0.00088	0.001	0.044

Sample ID	EP-W-7a	UPFAS	PGWPFAS	RRPFAS
Depth	14'			
Sampling Date	6/10/2024			
Perfluorooctanoic acid (PFOA)	0.00026	0.00066	0.008	0.033

Sample ID	EP-W-7
Depth	12'
Sampling Date	5/24/2024
Polyfluoroalkyl Substances (PFAS)	0.00008 U

REMEDIAL EXCAVATION TO TRACK 2 AND TRACK 4 CLEANUP:

- EXCAVATION MEETING TRACK 4 CLEANUP
- EXCAVATION MEETING TRACK 2 CLEANUP
- SIDEWALL END POINT SAMPLE (EP-W-)
- BOTTOM END POINT SAMPLE (EP-B-)
- RE-COLLECTED SIDEWALL ENDPOINT SAMPLE (EP-W--a)

N

0 — 40

APPROXIMATE SCALE IN FEET

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TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 4E: MAPS OF RESIDUAL SOIL EXCEEDANCES OF SCOs

PROJECT NO. 230051	DATE 10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Sample ID	MW-13														MW-13R				GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025						
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N		0.327	U	0.327	U					5
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N		0.294	U	0.294	U					5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N		0.239	U	0.239	U					5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N		0.279	U	0.279	U					5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N		0.249	U	0.239	U					5
VC	0.47	J	5.36		0.469	U	1.07		N		0.469	U	0.469	U					2

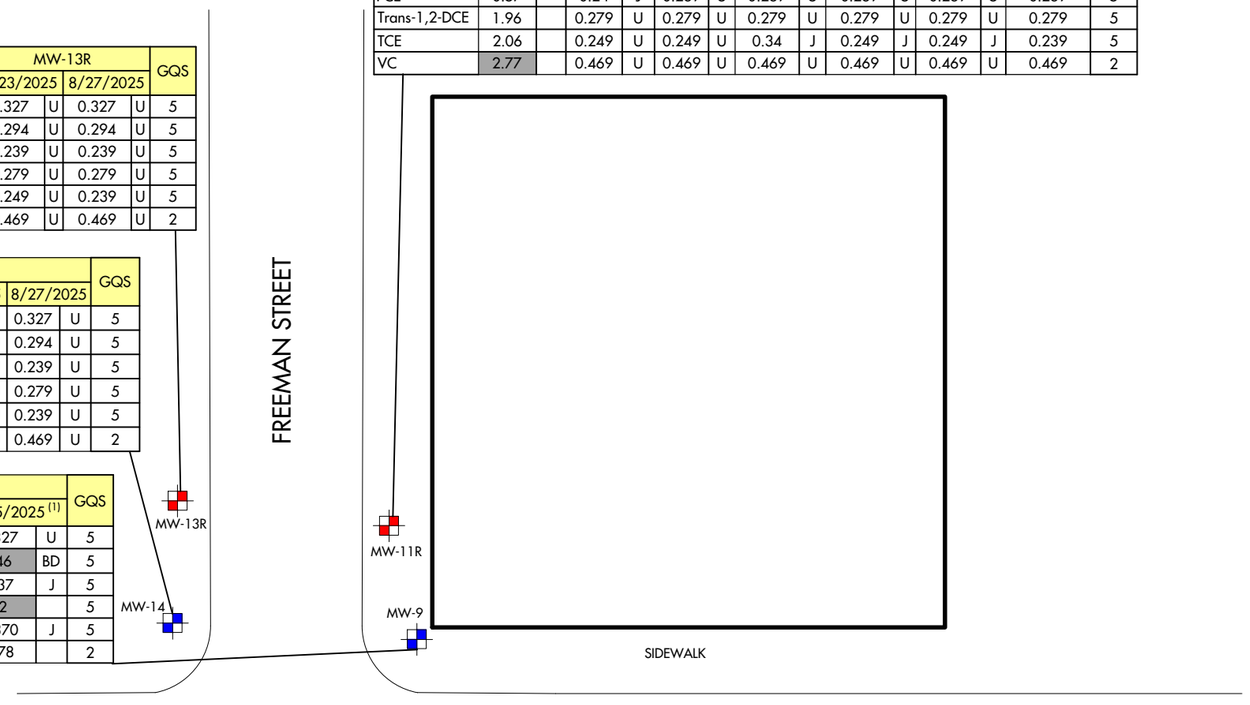
Sample ID	MW-14																GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025				
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U			5
Cis-1,2-DCE	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.294	U	0.294	U			5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U			5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U			5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U			5
VC	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.469	U	0.469	U			2

Sample ID	MW-9																		GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		9/25/2025 [1]						
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U					5
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	D	412	D	246	BD					5
PCE	0.21	J	1.58		0.77		0.76		0.31	J	0.43	J	0.37	J					5
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50		25.60		12						5
TCE	0.76		0.97		0.69		1.02		1.03		1.11		0.370	J					5
VC	23.40		0.58		2.75		5.73		2.16		4.05		0.78						2

Sample ID	MW-11		MW-11R												GQS
Sampling Date	9/20/2021		1/15/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		
1,1-DCE	0.25	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327		5
Cis-1,2-DCE	124	D	0.580		0.294	U	12.70		3.80		4.06		7.77		5
PCE	0.57		0.24	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239		5
Trans-1,2-DCE	1.96		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279		5
TCE	2.06		0.249	U	0.249	U	0.34	J	0.249	J	0.249	J	0.239		5
VC	2.77		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469		2

Sample ID	MW-15														GQS
Sampling Date	9/21/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	5
VC	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-10														GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	1.43		0.294	U	166	D	0.294	U	0.294	U	1.24		0.294	U	5
PCE	0.200	U	0.239	U	0.74		0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	6.03		0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.67		0.249	U	0.249	U	0.249	U	0.239	U	5
VC	0.200	U	0.469	U	2.68		0.469	U	0.469	U	0.469	U	0.469	U	2



LEGEND:

- MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
- REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)
- SHADED CONCENTRATIONS EXCEEDS GQS

NOTES:
ALL CONCENTRATIONS ARE REPORTED IN µg/L
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED
E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES
~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
9/20/2021 = SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED DURING THE REMEDIAL INVESTIGATION
1/2/2024 = SHALLOW DEPTH BASELINE GROUNDWATER SAMPLING PERFORMED PRIOR TO REMEDIAL INJECTIONS
8/6/2024 TO 9/25/25 =SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED FOLLOWING REMEDIAL INVESTIGATION
8/6/2024 = BOLD DATES REPRESENT SAMPLING POST GROUNDWATER REMEDIATION
...[1] = SAMPLE COLLECTED 7 DAYS FLOWING PHYSICAL AGITATION OF WELL BY AIR KNIFE NOZZLE TO REMOVE FALLEN DEBRIS FROM SIDEWALK REPAIR
PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
1.1-DCE = 1,1-DICHLOROETHYLENE
CIS-1,2-DCE = CIS-1,2-DICHLOROETHYLENE
TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHYLENE
VC = VINYL CHLORIDE
NA = NOT SAMPLED DUE TO LIMITED ACCESS
GQS = NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA
N = NOT SAMPLED - MONITORING WELL DESTROYED

0 20 40
APPROXIMATE SCALE IN FEET

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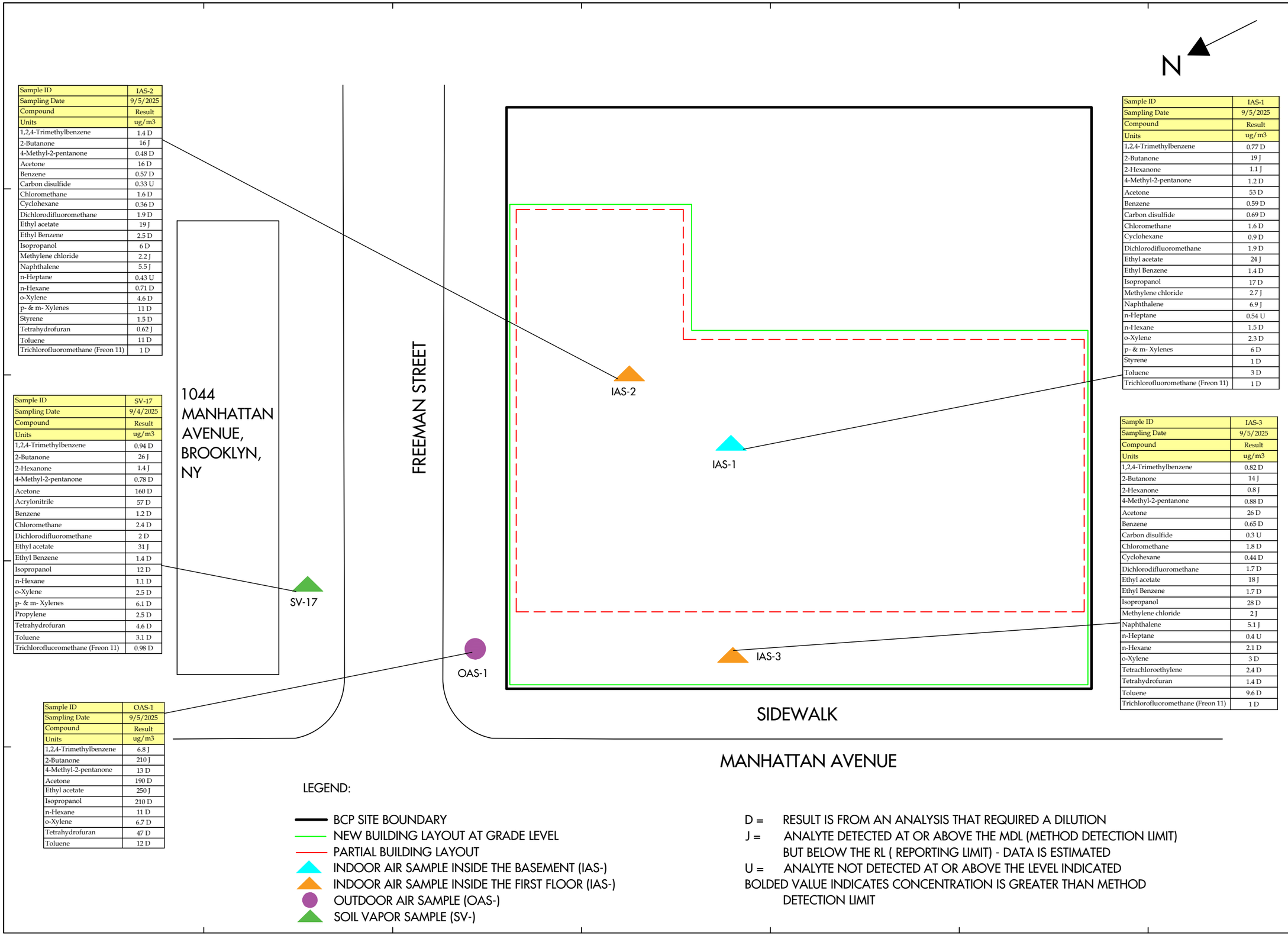
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 5: MAP OF CVOCs IN GROUNDWATER PRE AND POST IRM INJECTIONS

PROJECT NO.	DATE
230051	12/01/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



Sample ID	IAS-2
Sampling Date	9/5/2025
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	1.4 D
2-Butanone	16 J
4-Methyl-2-pentanone	0.48 D
Acetone	16 D
Benzene	0.57 D
Carbon disulfide	0.33 U
Chloromethane	1.6 D
Cyclohexane	0.36 D
Dichlorodifluoromethane	1.9 D
Ethyl acetate	19 J
Ethyl Benzene	2.5 D
Isopropanol	6 D
Methylene chloride	2.2 J
Naphthalene	5.5 J
n-Heptane	0.43 U
n-Hexane	0.71 D
o-Xylene	4.6 D
p- & m- Xylenes	11 D
Styrene	1.5 D
Tetrahydrofuran	0.62 J
Toluene	11 D
Trichlorofluoromethane (Freon 11)	1 D

Sample ID	IAS-1
Sampling Date	9/5/2025
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	0.77 D
2-Butanone	19 J
2-Hexanone	1.1 J
4-Methyl-2-pentanone	1.2 D
Acetone	53 D
Benzene	0.59 D
Carbon disulfide	0.69 D
Chloromethane	1.6 D
Cyclohexane	0.9 D
Dichlorodifluoromethane	1.9 D
Ethyl acetate	24 J
Ethyl Benzene	1.4 D
Isopropanol	17 D
Methylene chloride	2.7 J
Naphthalene	6.9 J
n-Heptane	0.54 U
n-Hexane	1.5 D
o-Xylene	2.3 D
p- & m- Xylenes	6 D
Styrene	1 D
Toluene	3 D
Trichlorofluoromethane (Freon 11)	1 D

Sample ID	SV-17
Sampling Date	9/4/2025
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	0.94 D
2-Butanone	26 J
2-Hexanone	1.4 J
4-Methyl-2-pentanone	0.78 D
Acetone	160 D
Acrylonitrile	57 D
Benzene	1.2 D
Chloromethane	2.4 D
Dichlorodifluoromethane	2 D
Ethyl acetate	31 J
Ethyl Benzene	1.4 D
Isopropanol	12 D
n-Hexane	1.1 D
o-Xylene	2.5 D
p- & m- Xylenes	6.1 D
Propylene	2.5 D
Tetrahydrofuran	4.6 D
Toluene	3.1 D
Trichlorofluoromethane (Freon 11)	0.98 D

Sample ID	IAS-3
Sampling Date	9/5/2025
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	0.82 D
2-Butanone	14 J
2-Hexanone	0.8 J
4-Methyl-2-pentanone	0.88 D
Acetone	26 D
Benzene	0.65 D
Carbon disulfide	0.3 U
Chloromethane	1.8 D
Cyclohexane	0.44 D
Dichlorodifluoromethane	1.7 D
Ethyl acetate	18 J
Ethyl Benzene	1.7 D
Isopropanol	28 D
Methylene chloride	2 J
Naphthalene	5.1 J
n-Heptane	0.4 U
n-Hexane	2.1 D
o-Xylene	3 D
Tetrachloroethylene	2.4 D
Tetrahydrofuran	1.4 D
Toluene	9.6 D
Trichlorofluoromethane (Freon 11)	1 D

Sample ID	OAS-1
Sampling Date	9/5/2025
Compound	Result
Units	ug/m3
1,2,4-Trimethylbenzene	6.8 J
2-Butanone	210 J
4-Methyl-2-pentanone	13 D
Acetone	190 D
Ethyl acetate	250 J
Isopropanol	210 D
n-Hexane	11 D
o-Xylene	6.7 D
Tetrahydrofuran	47 D
Toluene	12 D

LEGEND:

- BCP SITE BOUNDARY
- NEW BUILDING LAYOUT AT GRADE LEVEL
- PARTIAL BUILDING LAYOUT
- INDOOR AIR SAMPLE INSIDE THE BASEMENT (IAS-)
- INDOOR AIR SAMPLE INSIDE THE FIRST FLOOR (IAS-)
- OUTDOOR AIR SAMPLE (OAS-)
- SOIL VAPOR SAMPLE (SV-)

D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION

J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED

U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED

BOLDED VALUE INDICATES CONCENTRATION IS GREATER THAN METHOD DETECTION LIMIT

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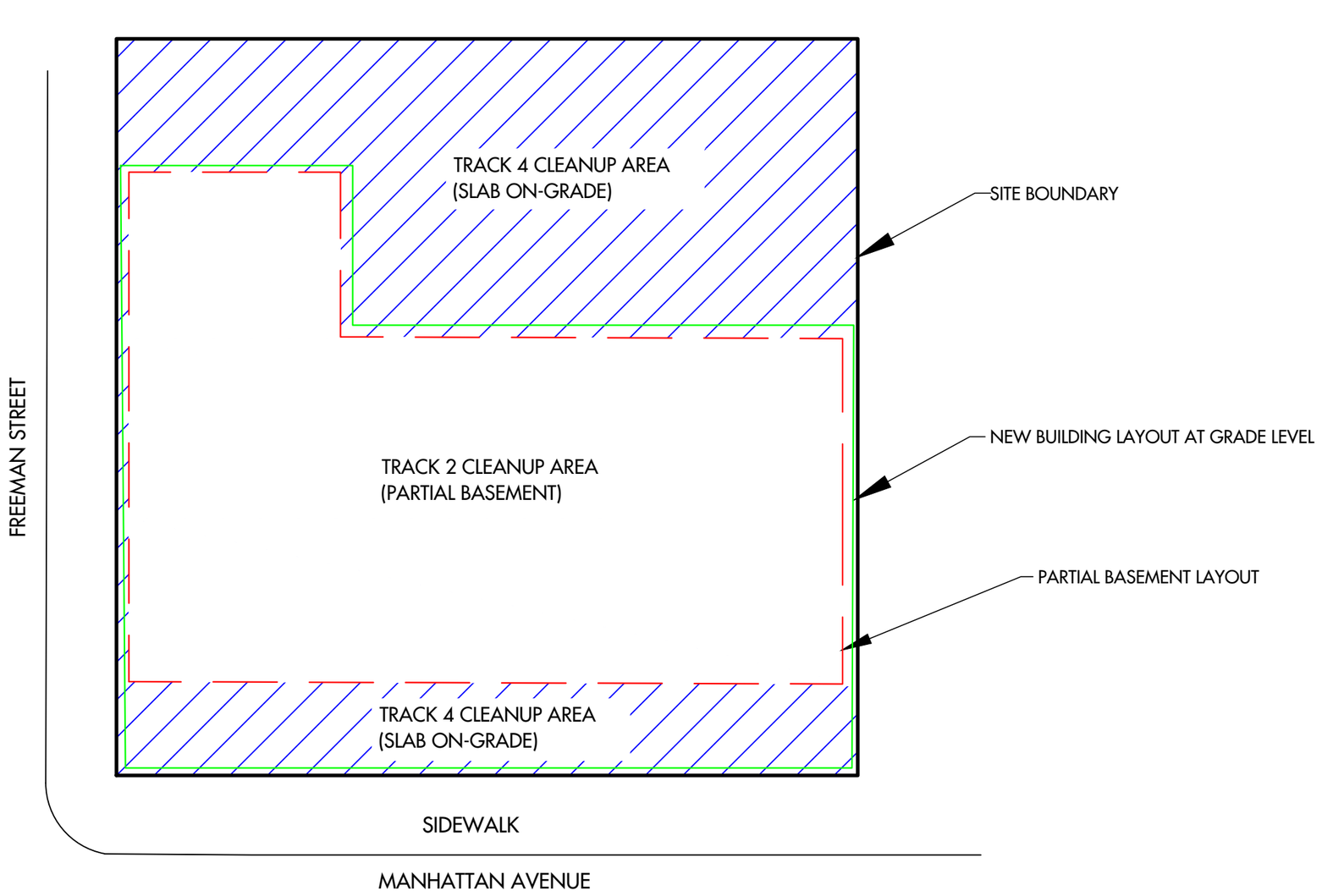
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 6: MAP OF ON-SITE INDOOR AIR AND OFF-SITE SOIL VAPOR INTRUSION RESULTS POST SSDS START-UP

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



LEGEND:

6-INCH THICK CONCRETE SLAB-ON GRADE

0 40

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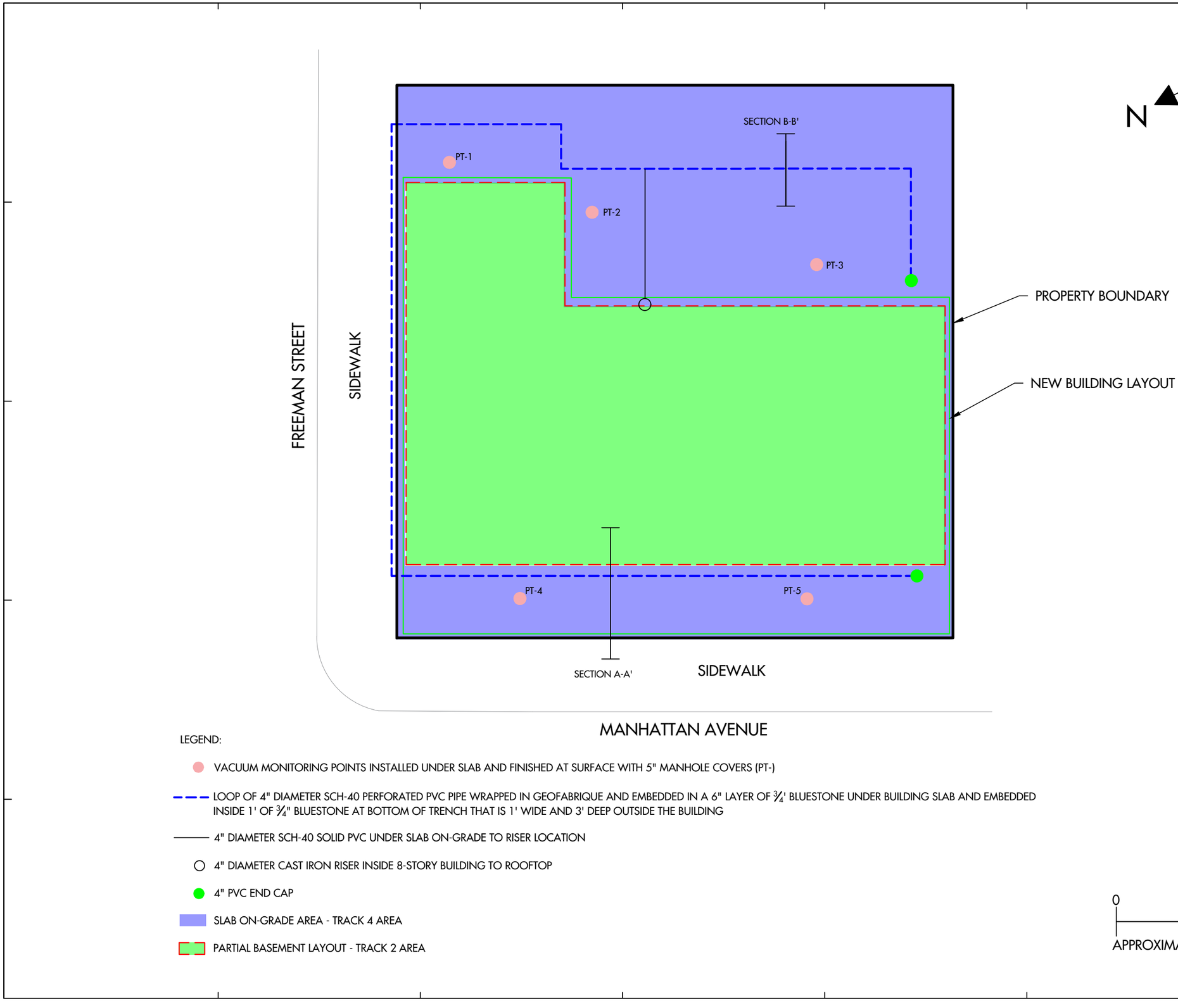
PROJECT NAME AND ADDRESS

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PROJECT FIGURE

FIGURE 7A: LOCATION OF INSTALLED ENGINEERING CONTROLS- COMPOSITE COVER SYSTEM

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



LEGEND:

- VACUUM MONITORING POINTS INSTALLED UNDER SLAB AND FINISHED AT SURFACE WITH 5" MANHOLE COVERS (PT-)
- LOOP OF 4" DIAMETER SCH-40 PERFORATED PVC PIPE WRAPPED IN GEOFABRIQUE AND EMBEDDED IN A 6" LAYER OF ¾' BLUESTONE UNDER BUILDING SLAB AND EMBEDDED INSIDE 1' OF ¾" BLUESTONE AT BOTTOM OF TRENCH THAT IS 1' WIDE AND 3' DEEP OUTSIDE THE BUILDING
- 4" DIAMETER SCH-40 SOLID PVC UNDER SLAB ON-GRADE TO RISER LOCATION
- 4" DIAMETER CAST IRON RISER INSIDE 8-STORY BUILDING TO ROOFTOP
- 4" PVC END CAP
- SLAB ON-GRADE AREA - TRACK 4 AREA
- PARTIAL BASEMENT LAYOUT - TRACK 2 AREA

0 30

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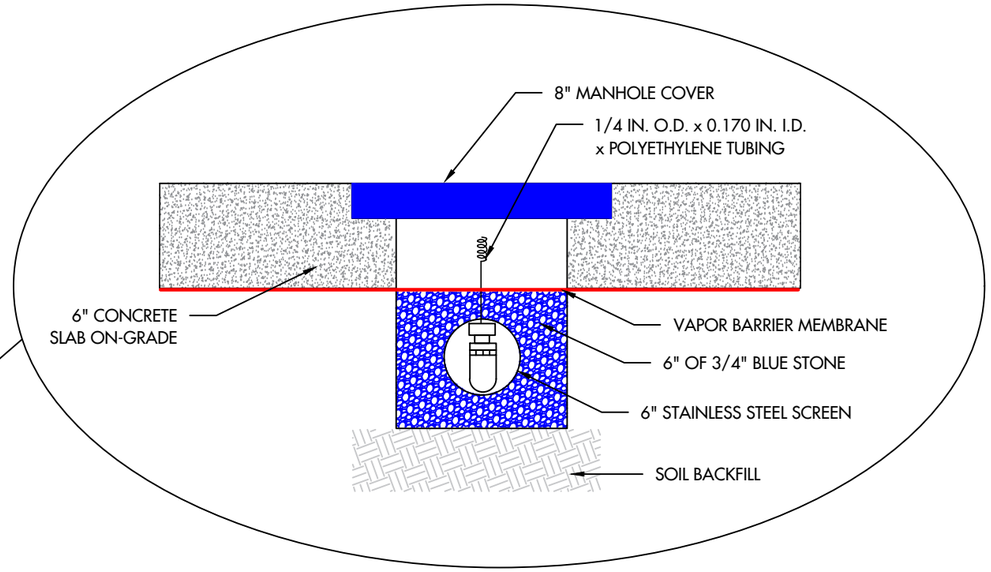
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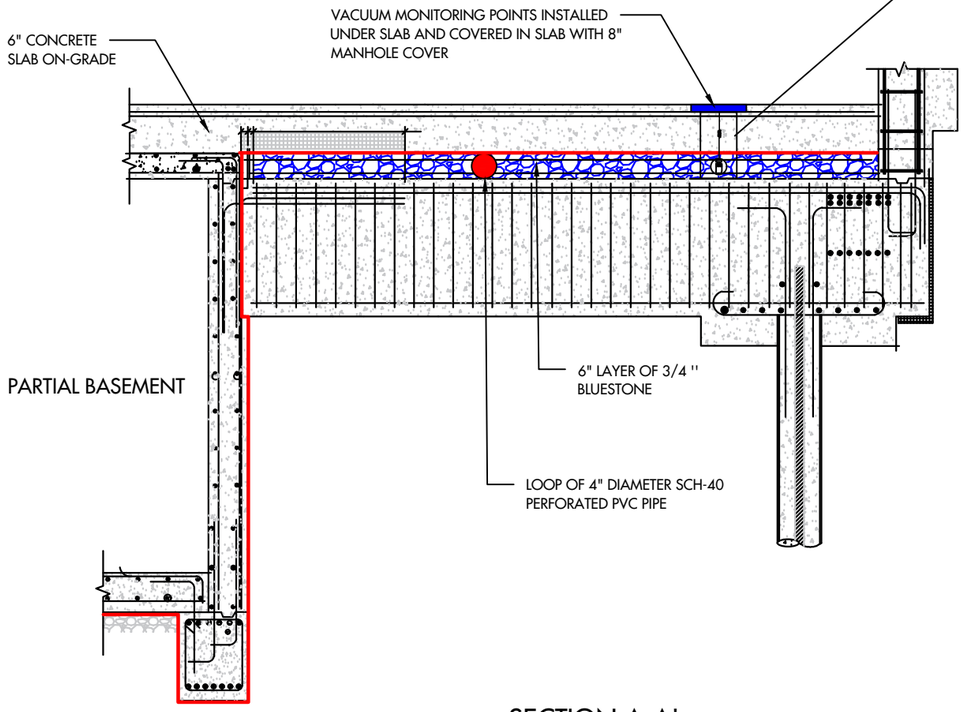
PROJECT NAME AND ADDRESS

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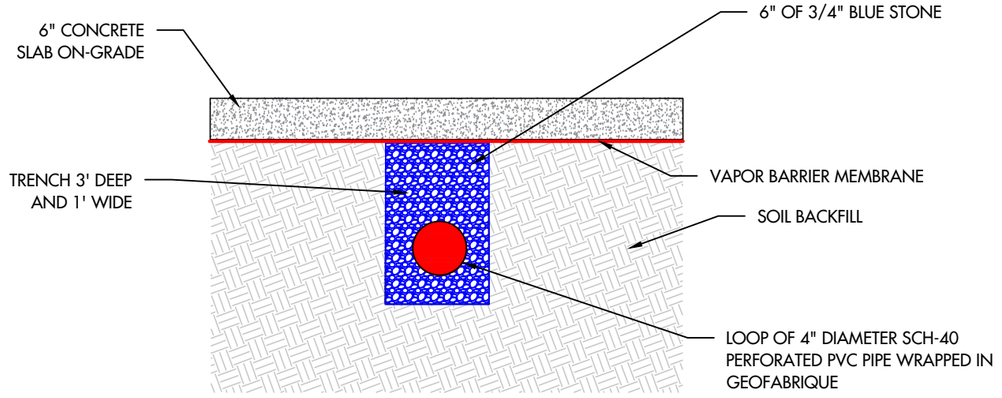
PROJECT FIGURE
FIGURE 7B: LOCATION OF INSTALLED ENGINEERING CONTROLS- SUB-SLAB SSDS LOOP AND VACCUM MONITORING POINTS LOCATIONS

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.





SECTION A-A'



SECTION B-B'

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY. 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

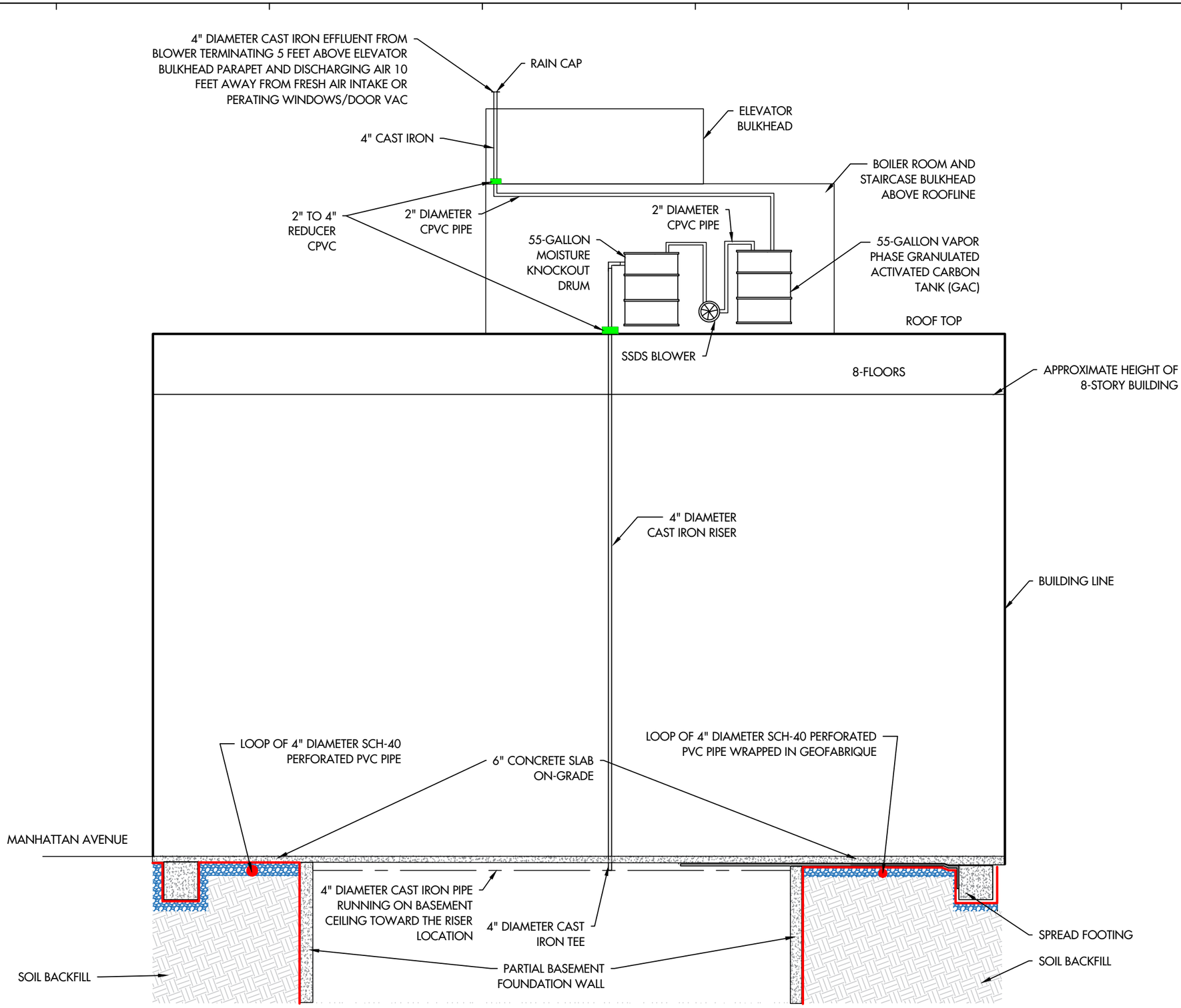
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 7C: LOCATION OF INSTALLED ENGINEERING CONTROLS- SECTION DETAILS A-A' & B-B'

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



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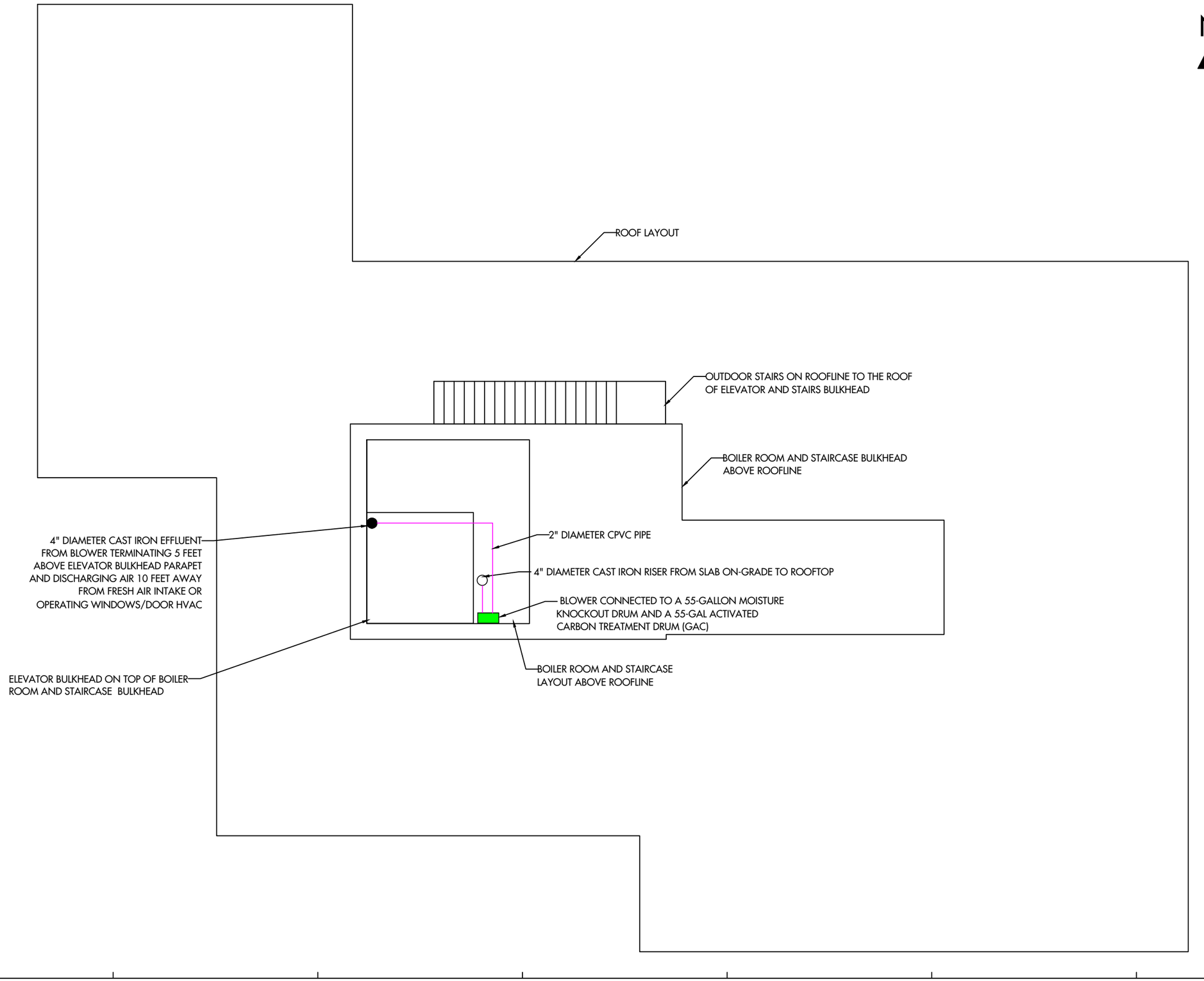
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 7D: LOCATION OF INSTALLED ENGINEERING CONTROLS- SSDS ELEVATION VIEW

PROJECT NO. 230051	DATE 10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



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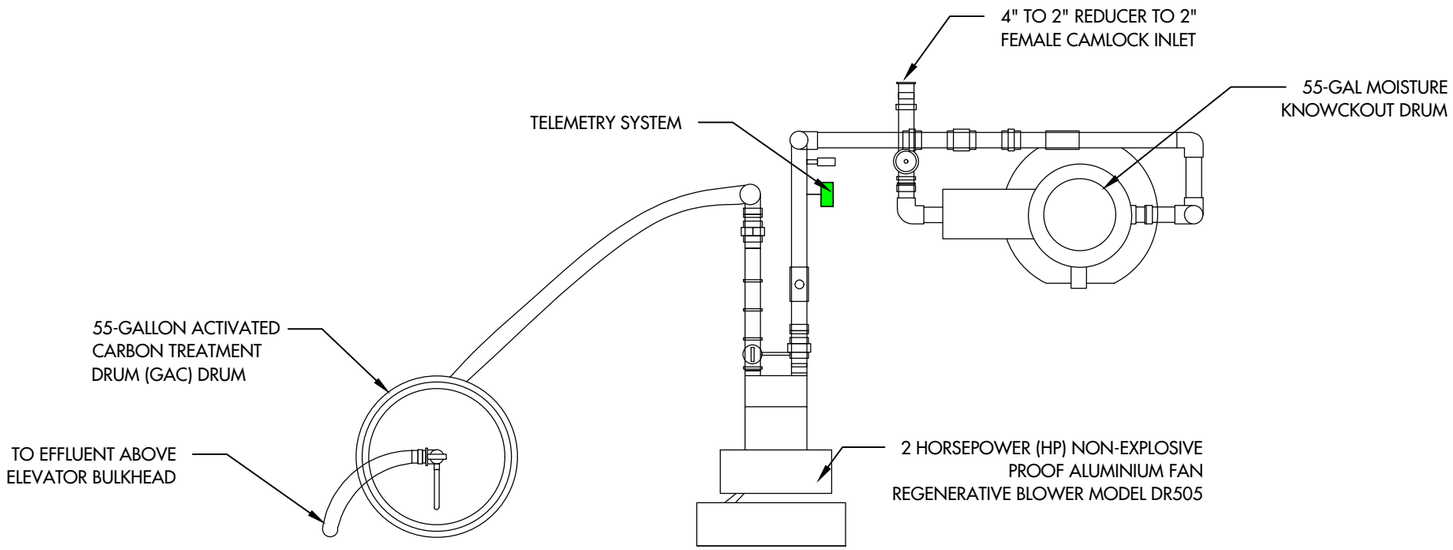
PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

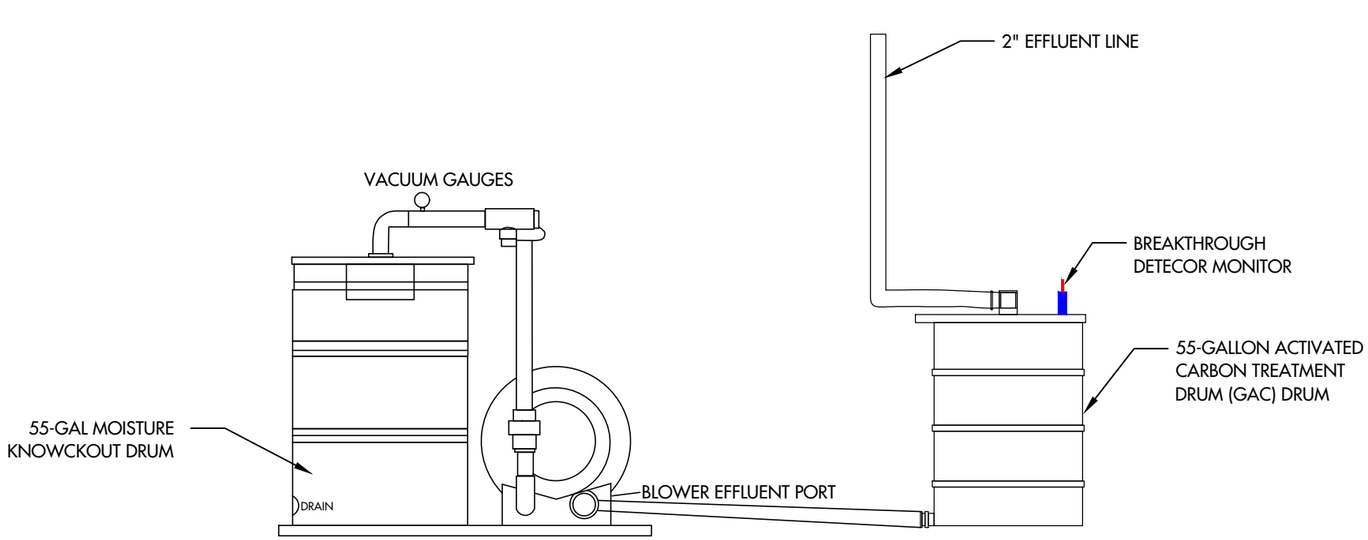
PROJECT FIGURE

FIGURE 7E: LOCATION OF INSTALLED ENGINEERING CONTROLS- SSDS BLOWER AT ROOF BULKHEAD

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY	REVIEWED BY
A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



SSDS BLOWER SECTION - EQUIPMENT PLAN VIEW



SSDS BLOWER SECTION - EQUIPMENT CROSS-SECTION VIEW

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DATE	DESCRIPTION	CHK

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PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 7F: LOCATION OF INSTALLED ENGINEERING CONTROLS- SSDS BLOWER SECTION VIEWS

PROJECT NO.	DATE
230051	10/06/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

TABLES

Table 1
Remedial Soil Cleanup Analytical Results for VOCs
170 Freeman Street, Brooklyn, NY

Sample ID	EP-W-1		EP-W-2		EP-W-3		EP-W-4		EP-W-5		EP-W-6		EP-W-7		EP-W-7a		EP-W-8		EP-W-9		EP-W-9a		EP-B-1		EP-B-2		EP-B-3		EP-B-4		EP-B-5		EP-B-6		EP-B-7		EP-B-8		EP-B-9		EP-B-10		EP-B-11		UUSCO	PGWSCO	RRSCO
Depth	12'		12'		12'		12'		12'		12'		12'		14'		12'		12'		14'		12.5'		12.5'		12.5'		12.5'		12.5'		12.5'		20.5'		2'		2'		2'		2'				
Sampling Date	4/15/2024		4/15/2024		3/18/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		6/10/2024		5/24/2024		4/15/2024		5/9/2024		4/15/2024		4/17/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		3/15/2024		4/15/2024		4/15/2024		4/17/2024		4/17/2024				
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Results	Q	Result	Q	Results	Q			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg
1,1,1,2-Tetrachloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,1,1-Trichloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.68	0.68	100
1,1,2,2-Tetrachloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,1,2-Trichloro-1,2,2-trifluoroethane (I	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,1,2-Trichloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,1-Dichloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.27	0.27	26
1,1-Dichloroethylene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.33	0.33	100
1,2,3-Trichlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,2,3-Trichloropropane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,2,4-Trichlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,2,4-Trimethylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	3.6	3.6	52
1,2-Dibromo-3-chloropropane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,2-Dibromoethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,2-Dichlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	1.1	1.1	100
1,2-Dichloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.02	0.02	3.1
1,2-Dichloropropane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
1,3,5-Trimethylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	8.4	8.4	52
1,3-Dichlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	2.4	2.4	49
1,4-Dichlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	1.8	1.8	13
1,4-Dioxane	0.0520	U	0.0590	U	0.0600	U	0.0670	U	0.0600	U	0.0510	U	0.0330	U	0.0530	U	0.0570	U	0.0520	U	0.0590	U	0.0390	U	0.0310	U	0.0470	U	0.0510	U	0.0390	U	0.0570	U	0.0580	U	0.0450	U	0.0500	U	0.0450	U	0.0530	U	0.1	0.1	13
2-Butanone	0.00260	U	0.00300	U	0.00300	U	**0.02**		0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	**0.01**		**0.01**		0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.12	0.12	100
2-Hexanone	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
4-Methyl-2-pentanone	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Acetone	**0.03**		**0.01**	J	**0.01**	J	**0.06**		0.00600	U	**0.01**		**0.01**	J	**0.03**		**0.03**		**0.02**		0.00590	U	0.00390	U	**0.01**		**0.05**		**0.04**		**0.03**		**0.03**		0.00580	U	**0.016**		**0.007**	J	**0.005**	J	0.00530	U	0.05	0.05	100
Acrolein	0.00520	U	0.00590	U	0.00600	U	0.00670	U	0.00600	U	0.00510	U	0.00330	U	0.00530	U	0.00570	U	0.00520	U	0.00590	U	0.00390	U	0.00310	U	0.00470	U	0.00510	U	0.00390	U	0.00570	U	0.00580	U	0.00450	U	0.00500	U	0.00450	U	0.00530	U	~	~	~
Acrylonitrile	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Benzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.06	0.06	4.8
Bromochloromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Bromodichloromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Bromoform	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Bromomethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Carbon disulfide	**0.01**		0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00260	J	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Carbon tetrachloride	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.76	0.76	2.4
Chlorobenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	1.1	1.1	100
Chloroethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Chloroform	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.37	0.37	49
Chloromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
cis-1,2-Dichloroethylene	**0.02**		**0.01**		0.00300	U	0.00330	U	0.00300	U	0.00260	U	**1.20**	D	**0.06**		0.00290	U	0.00260	U	0.00290	U	**0.012**		**0.011**		**0.002**	J	0.00250	U	0.00200	U	0.00290	U	0.00290	U	**0.003**	J	0.00250	U	0.00230	U	0.00260	U	0.25	0.25	100
cis-1,3-Dichloropropylene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Cyclohexane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Dibromochloromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Dibromomethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Dichlorodifluoromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Ethyl Benzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	1	1	41
Hexachlorobutadiene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Isopropylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Methyl acetate	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	**0.01**		0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Methyl tert-butyl ether (MTBE)	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.93	0.93	100
Methylcyclohexane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Methylene chloride	0.00520	U	**0.01**		0.00600	U	0.00670	U	**0.01**		**0.01**	J	0.00330	U	0.00530	U	0.00570	U	0.00520	U	**0.00950**	J	0.00390	U	0.00310	U	**0.01**		**0.006**	J	0.00390	U	0.00570	U	0.00580	U	**0.006**	JB	**0.008**	JB	0.00450	U	0.00530	U	0.05	0.05	100
n-Butylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	12	12	100
n-Propylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	3.9	3.9	100
o-Xylene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.26	1.6	100
p- & m- Xylenes	0.00520	U	0.00590	U	0.00600	U	0.00670	U	0.00600	U	0.00510	U	0.00330	U	0.00530	U	0.00570	U	0.00520	U	0.00290	U	0.00390	U	0.00310	U	0.00470	U	0.00510	U	0.00390	U	0.00570	U	0.00580	U	0.00450	U	0.00500	U	0.00450	U	0.00530	U	0.26	1.6	100
p-Isopropyltoluene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
sec-Butylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	**0.02**		0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	11	11	100
Styrene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
tert-Butyl alcohol (TBA)	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
tert-Butylbenzene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	**0.003**	J	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	5.9	5.9	100
Tetrachloroethylene	**0.005**	J	**0.003**	J	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	**0.075**		0.00290	U	0.00190	U	**0.011**		0.00240	U	0.00250	U	0.00200	U	0.00290	U	**0.01**		0.00230	U	0.00250	U	0.00230	U	0.00260	U	1.3	1.3	19
Toluene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.7	0.7	100
trans-1,2-Dichloroethylene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00970		**0.00280**	J	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.19	0.19	100
trans-1,3-Dichloropropylene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
trans-1,4-dichloro-2-butene	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	~	~	~
Trichloroethylene	**0.01**		0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	**0.002**	J	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260	U	0.47	0.47	21
Trichlorofluoromethane	0.00260	U	0.00300	U	0.00300	U	0.00330	U	0.00300	U	0.00260	U	0.00160	U	0.00260	U	0.00290	U	0.00260	U	0.00290	U	0.00190	U	0.00160	U	0.00240	U	0.00250	U	0.00200	U	0.00290	U	0.00290	U	0.00230	U	0.00250	U	0.00230	U	0.00260

Table 1 (Cont.)
Remedial Soil Cleanup Analytical Results for SVOCs
170 Freeman Street, Brooklyn, NY

Sample ID	EP-W-1		EP-W-2		EP-W-3		EP-W-4		EP-W-5		EP-W-6		EP-W-7		EP-W-7a		EP-W-8		EP-W-9		EP-W-9a		EP-B-1		EP-B-2		EP-B-3		EP-B-4		EP-B-5		EP-B-6		EP-B-7		EP-B-8		EP-B-9		EP-B-10		EP-B-11		UUSCO	PGWSCO	RRSCO
Depth	12'		12'		12'		12'		12'		12'		12'		14'		12'		12'		14'		12.5'		12.5'		12.5'		12.5'		12.5'		12.5'		20.5'		2'		2'		2'		2'				
Sampling Date	4/15/2024		4/15/2024		3/18/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		6/10/2024		5/24/2024		4/15/2024		5/9/2024		4/15/2024		4/17/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		3/15/2024		4/15/2024		4/15/2024		4/17/2024		4/17/2024				
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Results	Q	Result	Q	Results	Q	Results	Q	Results	Q			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg
1,1-Biphenyl	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.39**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	c	U	**0.17**	D	0.0471	U	0.0478	U	~	~	~
1,2,4,5-Tetrachlorobenzene	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
1,2,4-Trichlorobenzene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
1,2-Dichlorobenzene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	1.1	1.1	100
1,2-Diphenylhydrazine (as Azobenzene)	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
1,3-Dichlorobenzene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	2.4	2.4	49
1,4-Dichlorobenzene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	1.8	1.8	13
1,4-Dioxane	0.0198	U	0.0198	U	0.0189	U	0.0183	U	0.0194	U	0.0185	U	0.0198	U	0.0198	U	0.0187	U	0.0198	U	0.0192	U	0.0198	U	0.0192	U	0.0190	U	0.0198	U	0.0183	U	0.0187	U	0.0196	U	0.0198	U	0.0198	U	0.0183	U	0.0198	U	0.1	0.1	13
1-Methylnaphthalene	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	**1.32**	D	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	**0.59**	D	0.0939	U	0.0953	U	~	~	~
2,3,4,6-Tetrachlorophenol	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
2,4,5-Trichlorophenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2,4,6-Trichlorophenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2,4-Dichlorophenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2,4-Dimethylphenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.17**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	**0.10**	D	0.0471	U	0.0478	U	~	~	~
2,4-Dinitrophenol	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
2,4-Dinitrotoluene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2,6-Dinitrotoluene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2-Chloronaphthalene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2-Chlorophenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
2-Methylnaphthalene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**1.69**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	**0.84**	D	0.0471	U	0.0478	U			
2-Methylphenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.12**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	**0.06**	JD	0.0471	U	0.0478	U	0.33	0.33	100
2-Nitroaniline	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
2-Nitrophenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
3- & 4-Methylphenols	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.20**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	**0.12**	D	0.0471	U	0.0478	U	0.33	0.33	100
3,3-Dichlorobenzidine	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
3-Nitroaniline	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
4,6-Dinitro-2-methylphenol	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
4-Bromophenyl phenyl ether	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
4-Chloro-3-methylphenol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
4-Chloroaniline	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
4-Chlorophenyl phenyl ether	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
4-Nitroaniline	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
4-Nitrophenol	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
Acenaphthene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**2.63**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.10**	JD	**0.94**	D	**0.11**	D	**0.05**	JD	20	98	100
Acenaphthylene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.68**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	**0.43**	D	**0.10**	D	**0.05**	JD	100	107	100
Acetophenone	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Aniline	0.203	U	0.193	U	0.196	U	0.229	U	0.201	U	0.201	U	0.212	U	0.213	U	0.208	U	0.194	U	0.1910	U	0.187	U	0.187	U	0.210	U	0.216	U	0.215	U	0.208	U	0.216	U	0.195	U	0.185	U	0.188	U	0.191	U	~	~	~
Anthracene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**4.62**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.28**	D	**2.54**	D	**0.36**	D	**0.16**	D	100	1000	100
Atrazine	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Benzaldehyde	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Benzidine	0.203	U	0.193	U	0.196	U	0.229	U	0.201	U	0.201	U	0.212	U	0.213	U	0.208	U	0.194	U	0.1910	U	0.187	U	0.187	U	0.210	U	0.216	U	0.215	U	0.208	U	0.216	U	0.195	U	0.185	U	0.188	U	0.191	U	~	~	~
Benzo(a)anthracene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**8.24**	D	0.0479	U	0.0468	U	**0.07**	JD	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.70**	D	**2.03**	D	**1.04**	D	**0.48**	D	1	1	1
Benzo(a)pyrene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**7.17**	D	0.0479	U	0.0468	U	**0.06**	JD	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.61**	D	**1.58**	D	**0.97**	D	**0.48**	D	1	22	1
Benzo(b)fluoranthene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**6.11**	D	0.0479	U	0.0468	U	**0.07**	JD	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.47**	D	**1.29**	D	**1.28**	D	**0.59**	D	1	1.7	1
Benzo(g,h,i)perylene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**3.29**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.29**	D	**1.52**	D	**0.45**	D	**0.25**	D	100	1000	100
Benzo(k)fluoranthene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**5.54**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.49**	D	**2.88**	D	**0.40**	D	**0.21**	D	0.8	1.7	3.9
Benzoic acid	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Benzyl alcohol	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Benzyl butyl phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Bis(2-chloroethoxy)methane	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Bis(2-chloroethyl)ether	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Bis(2-chloroisopropyl)ether	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Bis(2-ethylhexyl)phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**0.29**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	**0.06**	JD	**0.07**	JD	~	~	~
Caprolactam	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
Carbazole	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**2.00**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.07**	JD	**1.06**	D	**0.14**	D	**0.07**	JD	~	~	~
Chrysene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**7.91**	D	0.0479	U	0.0468	U	**0.05**	JD	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.64**	D	**1.92**	D	**0.91**	D	0.439	D	1	1	3.9
Cresols, total	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	**0.31**	D	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	**0.18**	JD	0.0939	U	0.0953	U	~	~	~
Dibenzo(a,h)anthracene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**1.17**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.10**	D	**0.61**	D	**0.14**	D	**0.07**	JD	0.33	1000	0.33
Dibenzofuran	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**2.05**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	1.060	D	**0.07**	JD	0.0478	U	7	210	59
Diethyl phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Dimethyl phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Di-n-butyl phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Di-n-octyl phthalate	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U	0.0478	U	~	~	~
Diphenylamine	0.101	U	0.0964	U	0.0980	U	0.114	U	0.100	U	0.100	U	0.106	U	0.106	U	0.104	U	0.0971	U	0.0956	U	0.0934	U	0.0936	U	0.105	U	0.108	U	0.107	U	0.104	U	0.108	U	0.0972	U	0.0922	U	0.0939	U	0.0953	U	~	~	~
Fluoranthene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**20.10**	D	0.0479	U	0.0468	U	**0.15**	D	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**1.40**	D	**4.10**	D	**2.48**	D	**1.15**	D	100	1000	100
Fluorene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	**2.33**	D	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	**0.09**	JD	**1.15**	D	**0.09**	JD	0.0478	U	30	386	100
Hexachlorobenzene	0.0508	U	0.0483	U	0.0491	U	0.0573	U	0.0503	U	0.0503	U	0.0529	U	0.0533	U	0.0521	U	0.0487	U	0.0479	U	0.0468	U	0.0469	U	0.0525	U	0.0542	U	0.0538	U	0.0521	U	0.0541	U	0.0487	U	0.0462	U	0.0471	U

Table 1 (Cont.)
Remedial Soil Cleanup Analytical Results for Pesticides and PCBs
170 Freeman Street, Brooklyn, NY

Sample ID	EP-W-1		EP-W-2		EP-W-3		EP-W-4		EP-W-5		EP-W-6		EP-W-7		EP-W-7a		EP-W-8		EP-W-9		EP-W-9a		EP-B-1		EP-B-2		EP-B-3		EP-B-4		EP-B-5		EP-B-6		EP-B-7		EP-B-8		EP-B-9		EP-B-10		EP-B-11		UUSCO	PGWSCO	RRSCO
Depth	12'		12'		12'		12'		12'		12'		12'		14'		12'		12'		14'		12.5'		12.5'		12.5'		12.5'		12.5'		12.5'		20.5'		2'		2'		2'		2'				
Sampling Date	4/15/2024		4/15/2024		3/18/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		6/10/2024		5/24/2024		4/15/2024		5/9/2024		4/15/2024		4/17/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		3/15/2024		4/15/2024		4/15/2024		4/17/2024		4/17/2024				
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg
Pesticides																																															
4,4'-DDD	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	**0.003**	D	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	**0.009**	D	0.0033	14	13
4,4'-DDE	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	**0.007**	D	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	**0.003**	D	**0.05**	D	0.0033	17	8.9
4,4'-DDT	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	**0.04**	D	0.00193	U	0.00185	U	**0.003**	D	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	**0.012**	D	**0.30**	D	0.0033	136	7.9
Aldrin	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.005	0.19	0.097
alpha-BHC	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.02	0.02	0.48
alpha-Chlordane	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	**0.003**	D	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	**0.004**	D	0.094	2.9	4.2
beta-BHC	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	**0.002**		0.00189	U	0.036	0.09	0.36
delta-BHC	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.04	0.25	100
Dieldrin	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	**0.004**	D	0.005	0.1	0.2
Endosulfan I	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	2.4	102	24
Endosulfan II	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	2.4	102	24
Endosulfan sulfate	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	2.4	1000	24
Endrin	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.014	0.06	11
Endrin aldehyde	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	~	~	~
Endrin ketone	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	~	~	~
gamma-BHC (Lindane)	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.1	0.1	1.3
gamma-Chlordane	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	**0.005**	D	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	**0.007**	D	~	~	~
Heptachlor	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	0.042	0.38	2.1
Heptachlor epoxide	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	**0.002**		~	~	~
Methoxychlor	0.00202	U	0.00192	U	0.00191	U	0.00223	U	0.00199	U	0.00196	U	0.00206	U	0.00212	U	0.00204	U	0.00194	U	0.00193	U	0.00185	U	0.00186	U	0.00206	U	0.00210	U	0.00208	U	0.00204	U	0.00212	U	0.00193	U	0.00181	U	0.00188	U	0.00189	U	~	~	~
Toxaphene	0.202	U	0.192	U	0.191	U	0.223	U	0.199	U	0.196	U	0.206	U	0.212	U	0.204	U	0.194	U	0.193	U	0.185	U	0.186	U	0.206	U	0.210	U	0.208	U	0.204	U	0.212	U	0.193	U	0.181	U	0.188	U	0.189	U	~	~	~
PCBs																																														
Aroclor 1016	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1221	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1232	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1242	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1248	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1254	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Aroclor 1260	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	~	~	~
Total PCBs	0.0204	U	0.0194	U	0.0193	U	0.0225	U	0.0200	U	0.0198	U	0.0208	U	0.0214	U	0.0206	U	0.0196	U	0.0192	U	0.0187	U	0.0188	U	0.0208	U	0.0212	U	0.0210	U	0.0206	U	0.0214	U	0.0195	U	0.0183	U	0.0189	U	0.0190	U	0.1	1	1

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
UUSCO=NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
PGWSCS=NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW
RRSCO=NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential
result exceeds UUSCO

Table 1 (Cont.)
Remedial Soil Cleanup Analytical Results for Metals
170 Freeman Street, Brooklyn, NY

Sample ID	EP-W-1		EP-W-2		EP-W-3		EP-W-4		EP-W-5		EP-W-6		EP-W-7		EP-W-7a		EP-W-8		EP-W-9		EP-W-9a		EP-B-1		EP-B-2		EP-B-3		EP-B-4		EP-B-5		EP-B-6		EP-B-7		EP-B-8		EP-B-9		EP-B-10		EP-B-11				
Depth	12'		12'		12'		12'		12'		12'		12'		12'		12'		12'		14'		12.5'		12.5'		12.5'		12.5'		12.5'		12.5'		20.5'		2'		2'		2'		2'				
Sampling Date	4/15/2024		4/15/2024		3/18/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		6/10/2024		5/24/2024		4/15/2024		5/9/2024		4/15/2024		4/17/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		3/15/2024		4/15/2024		4/15/2024		4/17/2024		4/17/2024		UUSCO	PGWSCO	RRSCO
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Results	Q	Result	Q	Results	Q	Results	Q	Results	Q			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg
Aluminum	**6,890**		**7,660**		**11,200**		**7,460**		**9,840**		**8,260**		**9,610**		**9,800**		8,760		**10,600**		**7,900**		**4,770**		**10,100**		**9,890**		**10,400**		**7,650**		**8,760**		**7,480**		**8,270**		**8,000**		**8,280**		**8,230**		~	~	~
Antimony	2.560	U	2.430	U	2.460	U	2.860	U	2.520	U	2.510	U	2.660	U	2.710	U	2.610	U	2.460	U	2.440	U	2.360		2.360	U	2.620	U	2.710	U	2.690	U	2.610	U	2.740	U	2.470	U	2.330	U	2.380	U	2.390	U	~	~	~
Arsenic	**5.73**		**5.60**		**15.50**		**8.98**		**6.65**		**6.85**		**5.18**		**14.50**		**9.95**		**8**		**2.77**		**2.24**		**7.43**		**7.86**		**7.57**		**13.10**		**9.95**		**11.70**		**3.15**		**4.67**		**4.80**		**4.68**		13	16	16
Barium	**40**		**49.50**		**78.30**		**42.700**		**76.40**		**63.20**		**44.40**		**59**		**60.20**		**344**		**40.50**		**19.10**		**60.80**		**54.30**		**50.60**		**43.50**		**60.20**		**59.10**		**56.30**		**50.20**		**205**		1,430		350	820	400
Beryllium	**0.33**		**0.24**		**0.52**		**0.17**		**0.11**		0.0510	U	**0.20**	B	**0.67**		**0.17**	B	**0.18**		0.0490	U	0.0480	U	**0.66**		0.0530	U	0.122		0.0540	U	**0.17**	B	**1.63**		**0.21**		0.0470	U	**0.09**		0.0480	U	7.2	47	72
Cadmium	0.308	U	0.292	U	0.295	U	0.344	U	0.302	U	0.302	U	0.319	U	0.325	U	0.313	U	**0.53**		0.293	U	0.284		0.283	U	0.315	U	0.325	U	0.323	U	0.313	U	0.329	U	0.296	U	0.279	U	0.285	U	**0.74**		2.5	7.5	4.3
Calcium	**1,160**		**1,750**		**1,400**		**1,650**		**1,780**		**1,050**		**1,070**		**2,420**		**841**		**27,000**		**11,900**	B	**894**		**2,420**		**2,010**		**3,050**		**2,220**		**841**		**2,020**		**7,790**		**1,220**		**13,900**		**30,600**		~	~	~
Chromium, Hexavalent	0.615	U	0.584	U	**1.04**		0.687	U	**1.69**		0.603	U	0.638	U	0.650	U	0.626	U	0.590	U	0.586	U	0.567		0.567	U	0.629	U	0.650	U	0.646	U	0.626	U	0.658	U	0.592	U	0.559	U	0.571	U	0.573	U	1	19	110
Chromium Trivalent	**15.20**		**17**		**28.50**		**15.40**		**17**		**14**		**20.10**		**18.70**		**22.20**		**21.20**		**16**		**15.30**		**17.40**		**18.80**		**19.40**		**14.50**		**22.20**		**16.20**		**13.90**		**20**		**15.70**		**19.20**		30	NS	36
Cobalt	**5.34**		**4.05**		**7.25**		**3.99**		**11.50**		**7.26**		**9.20**		**9.99**		**3.77**		**4.80**		**12.10**		**5.95**		**3.12**		**7.73**		**8.80**		**5.25**		**3.77**		0.438	U	**4.16**		**10.20**		**9.47**		**2.08**		~	~	~
Copper	**12**		**15.30**		**21.60**		**18.20**		**22.20**		**15.70**		**19.30**		**21.90**		**21.30**		**78.10**		**13.40**		**10.90**		**17**		**21.60**		**22**		**16.50**		**21.30**		**22**		**16.20**		**17.60**		**45**		**28.60**		50	1720	270
Iron	**9,370**		**18,600**		**26,600**		**14,400**		**25,100**		**20,000**		**13,700**		**13,100**		**24,200**		**14,700**		**12,300**		**6,990**		**47,200**		**18,700**		**25,800**		**23,400**		**24,200**		**125,000**		**14,100**		**18,400**		**17,800**		**23,700**		~	~	~
Lead	**10.20**		**15.30**		**12.60**		**8.60**		**19.70**		**8.73**		**10.50**		**9.70**		**15.20**		**548**		**13.10**		**5.41**		**22.10**		**10.50**		**12.40**		**10.60**		**15.20**		**27.70**		**63.40**		**27.10**		**153**		**407**		63	450	400
Magnesium	**2,150**		**2,090**		**2,920**		**3,100**		**3,100**		**2,440**		**3,040**		**3,620**		**2,050**		**4,400**		**2,820**		**1,690**		**1,760**		**4,440**		**4,500**		**3,440**		**2,050**		**480**		**2,410**		**2,040**		**2,740**		**3,850**		~	~	~
Manganese	**96.50**		**238**		**849**		**116**		**529**		**301**		**119**		**118**		**90.60**		**300**		**155**		**73.30**		**375**		**209**		**424**		**714**		**90.60**		**1,050**		**382**		**339**		**281**		**306**		1600	2000	2000
Mercury	0.0369	U	0.0350	U	0.0354	U	0.0412	U	0.0362	U	0.0362	U	0.0383	U	0.0390	U	0.0375	U	**1.02**		0.0352	U	0.0340		**0.04**		0.0378	U	0.0390	U	0.0387	U	0.0375	U	0.0395	U	**0.16**		**0.28**		**0.30**		**0.22**		0.18	0.73	0.81
Nickel	**11.50**		**11**		**18.50**		**14**		**15.10**		**13.90**		**16.80**		**22.80**		**10.70**		**13.80**		**18**		**13.80**		**10.50**		**18.60**		**19.20**		**14.60**		**10.70**		**5.26**		**12.70**		**17**		**28.50**		**9.80**		30	130	310
Potassium	**1,150**		**1,210**		**1,190**		**769**		**1,160**		**814**		**1,420**		**1,160**		**1,740**		**1,320**		**1,260**	B	**929**		**674**		**1,340**		**1,270**		**947**		**1,740**		**78.80**		**1,220**		**1,150**		**1,360**		**1,360**		~	~	~
Selenium	2.560	U	2.430	U	**6.82**		2.860	U	**4.88**		**5.25**		2.660	U	2.710	U	2.610	U	2.460	U	2.44	U	2.360		**4.97**		**3.19**		**6.32**		**4.80**		2.610	U	**17.50**		2.470	U	2.330	U	2.380	U	2.390	U	3.9	4	180
Silver	0.517	U	0.490	U	0.495	U	0.577	U	0.507	U	0.507	U	0.536	U	0.546	U	0.526	U	0.495	U	0.493	U	0.477		0.476	U	0.529	U	0.546	U	0.542	U	0.526	U	0.553	U	0.498	U	0.469	U	0.479	U	0.482	U	2	8.3	180
Sodium	**57.50**		**71.40**		**123**		**83.20**		**126**		**121**		**118**		**212**		**98.50**		**466**		**166**		**141**		**75.70**		**102**		**97**		**81.80**		**98.50**		54.800	U	**123**		**66.60**		**221**		**241**		~	~	~
Thallium	2.560	U	2.430	U	2.460	U	2.860	U	2.520	U	2.510	U	2.660	U	2.710	U	2.610	U	2.460	U	2.440	U	2.360		2.360	U	2.620	U	2.710	U	2.690	U	2.610	U	**6.30**		2.470	U	2.330	U	2.380	U	2.390	U	~	~	~
Vanadium	**23.20**		**26.30**		**40.70**		**22.90**		**31.20**		**17.60**		**34.90**		**30.90**		**30.40**		**27.90**		21.40		**21.40**		**61.60**		**25.60**		**36.30**		**23.30**		**30.40**		**132**		**16.40**		**27.10**		**21**		**26.40**		~	~	~
Zinc	**35.60**		**31.80**		**65.60**		**38.40**		**53.50**		**44**		**45.70**		**50.90**		**31.50**		**281**		**40**		**25.70**		**33.10**		**59.30**		**54.30**		**41.20**		**31.50**		**18.70**		**78**		**38.20**		**117**		**448**		109	2480	10000

NOTES:

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

~=this indicates that no regulatory limit has been established for this analyte

UUSCO=NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

PGWSCS=NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW

RRSCO=NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -Restricted Residential

result exceeds UUSCO

result exceeds RRSCO

Table 1 (Cont.)
Remedial Soil Cleanup Analytical Results for PFAS
170 Freeman Street, Brooklyn, NY

Sample ID	EP-W-1		EP-W-2		EP-W-3		EP-W-4		EP-W-5		EP-W-6		EP-W-7		EP-W-7a		EP-W-8		EP-W-9		EP-W-9a		EP-B-1		EP-B-2		EP-B-3		EP-B-4		EP-B-5		EP-B-6		EP-B-7		EP-B-8		EP-B-9		EP-B-10		EP-B-11		UPFAS	PGWPFAS	RRPFAS
Depth	12'		12'		12'		12'		12'		12'		12'		14'		12'		12'		14'		12.5'		12.5'		12.5'		12.5'		12.5'		20.5'		2'		2'		2'		2'				
Sampling Date	4/15/2024		4/15/2024		3/18/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		6/10/2024		5/24/2024		4/15/2024		5/9/2024		4/15/2024		4/17/2024		3/18/2024		3/18/2024		3/18/2024		5/24/2024		3/15/2024		4/15/2024		4/15/2024		4/17/2024		4/17/2024				
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Unit	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg
11CL-PF3OUdS	0.00038	U	0.00036	U	0.362	U	0.422	U	0.373	U	0.373	U	0.00039	U	0.00040	U	0.00039	U	0.00037	U	0.000363	U	0.00035	U	0.00035	U	0.390	U	0.397	U	0.398	U	0.00039	U	0.405	U	0.00037	U	0.00035	U	0.00036	U	0.00036	U	~	~	~
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.00093	U	0.00088	U	0.879	U	1.020	U	0.904	U	0.906	U	0.00095	U	0.00098	U	0.00095	U	0.00089	U	0.000880	U	0.00086	U	0.00086	U	0.947	U	0.964	U	0.967	U	0.00095	U	0.984	U	0.00089	U	0.00084	U	0.00086	U	0.00087	U	~	~	~
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.00073	U	0.00070	U	0.693	U	0.807	U	0.713	U	0.714	U	0.00075	U	0.00077	U	0.00075	U	0.00070	U	0.000694	U	0.00068	U	0.00067	U	0.746	U	0.760	U	0.762	U	0.00075	U	0.775	U	0.00071	U	0.00067	U	0.00068	U	0.00068	U	~	~	~
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.00073	U	0.00070	U	0.693	U	0.807	U	0.713	U	0.714	U	0.00075	U	0.00077	U	0.00075	U	0.00070	U	0.000694	U	0.00068	U	0.00067	U	0.746	U	0.760	U	0.762	U	0.00075	U	0.775	U	0.00071	U	0.00067	U	0.00068	U	0.00068	U	~	~	~
3-Perfluoroheptyl propanoic acid (FHpPA)	0.00185	U	0.00175	U	1.750	U	2.030	U	1.800	U	1.800	U	0.00188	U	0.00195	U	0.00188	U	0.00177	U	0.001750	U	0.00170	U	0.00170	U	1.880	U	1.920	U	1.920	U	0.00188	U	1.950	U	0.00178	U	0.00168	U	0.00171	U	0.00172	U	~	~	~
3-Perfluoropentyl propanoic acid (FPePA)	0.00258	U	0.00245	U	2.440	U	2.840	U	2.510	U	2.520	U	0.00263	U	0.00272	U	0.00263	U	0.00247	U	0.002450	U	0.00238	U	0.00238	U	2.630	U	2.680	U	2.690	U	0.00263	U	2.730	U	0.00249	U	0.00234	U	0.00239	U	0.00241	U	~	~	~
3-Perfluoropropyl propanoic acid (FPrPA)	0.00078	U	0.00074	U	0.738	U	0.860	U	0.759	U	0.761	U	0.00079	U	0.00082	U	0.00079	U	0.00075	U	0.000739	U	0.00072	U	0.00072	U	0.795	U	0.810	U	0.812	U	0.00079	U	0.826	U	0.00075	U	0.00071	U	0.00072	U	0.00073	U	~	~	~
9CL-PF3ONS	0.00030	U	0.00029	U	0.287	U	0.334	U	0.295	U	0.295	U	0.00031	U	0.00032	U	0.00031	U	0.00029	U	0.000287	U	0.00028	U	0.00028	U	0.308	U	0.314	U	0.315	U	0.00031	U	0.321	U	0.00029	U	0.00028	U	0.00028	U	0.00028	U	~	~	~
ADONA	0.00021	U	0.00020	U	0.203	U	0.236	U	0.208	U	0.209	U	0.00022	U	0.00023	U	0.00022	U	0.00021	U	0.000203	U	0.00020	U	0.00020	U	0.218	U	0.222	U	0.223	U	0.00022	U	0.227	U	0.00021	U	0.00019	U	0.00020	U	0.00020	U	~	~	~
HFPO-DA (Gen-X)	0.00075	U	0.00071	U	0.708	U	0.824	U	0.728	U	0.729	U	0.00076	U	0.00079	U	0.00076	U	0.00072	U	0.000709	U	0.00069	U	0.00069	U	0.762	U	0.776	U	0.779	U	0.00076	U	0.792	U	0.00072	U	0.00068	U	0.00069	U	0.00070	U	~	~	~
N-EtFOSA	0.00024	U	0.00023	U	0.231	U	0.268	U	0.237	U	0.238	U	0.00025	U	0.00026	U	0.00025	U	0.00023	U	0.000231	U	0.00023	U	0.00022	U	0.248	U	0.253	U	0.254	U	0.00025	U	0.258	U	0.00024	U	0.00022	U	0.00023	U	0.00023	U	~	~	~
N-EtFOSAA	0.00024	U	0.00023	U	0.226	U	0.263	U	0.232	U	0.233	U	0.00024	U	0.00025	U	0.00024	U	0.00023	U	0.000226	U	0.00022	U	0.00022	U	0.243	U	0.248	U	0.249	U	0.00024	U	0.253	U	0.00023	U	0.00022	U	0.00022	U	0.00022	U	~	~	~
N-EtFOSE	0.00086	U	0.00081	U	0.812	U	0.945	U	0.835	U	0.836	U	0.00087	U	0.00090	U	0.00087	U	0.00082	U	0.000813	U	0.00079	U	0.00079	U	0.874	U	0.890	U	0.893	U	0.00087	U	0.908	U	0.00083	U	0.00078	U	0.00080	U	0.00080	U	~	~	~
N-MeFOSA	0.00022	U	0.00021	U	0.210	U	0.244	U	0.216	U	0.216	U	0.00023	U	0.00023	U	0.00023	U	0.00021	U	0.000210	U	0.00020	U	0.00020	U	0.226	U	0.230	U	0.231	U	0.00023	U	0.235	U	0.00021	U	0.00020	U	0.00021	U	0.00021	U	~	~	~
N-MeFOSAA	0.00018	U	0.00017	U	0.172	U	0.201	U	0.177	U	0.178	U	0.00019	U	0.00019	U	0.00019	U	0.00018	U	0.000173	U	0.00017	U	0.00017	U	0.186	U	0.189	U	0.190	U	0.00019	U	0.193	U	0.00018	U	0.00017	U	0.00017	U	0.00017	U	~	~	~
N-MeFOSE	0.00075	U	0.00071	U	0.712	U	0.828	U	0.732	U	0.733	U	0.00077	U	0.00079	U	0.00077	U	0.00072	U	0.000712	U	0.00069	U	0.00069	U	0.766	U	0.780	U	0.783	U	0.00077	U	0.796	U	0.00072	U	0.00068	U	0.00070	U	0.00070	U	~	~	~
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.00017	U	0.00016	U	0.162	U	0.188	U	0.167	U	0.167	U	0.00017	U	0.00018	U	0.00017	U	0.00016	U	0.000162	U	0.00016	U	0.00016	U	0.174	U	0.177	U	0.178	U	0.00017	U	0.181	U	0.00017	U	0.00016	U	0.00016	U	0.00016	U	~	~	~
Perfluoro-1-decanesulfonic acid (PFDS)	0.00024	U	0.00022	U	0.222	U	0.259	U	0.229	U	0.229	U	0.00024	U	0.00025	U	0.00024	U	0.00023	U	0.000223	U	0.00022	U	0.00022	U	0.240	U	0.244	U	0.245	U	0.00024	U	0.249	U	0.00023	U	0.00021	U	0.00022	U	0.00022	U	~	~	~
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.00019	U	0.00018	U	0.181	U	0.210	U	0.186	U	0.186	U	0.00019	U	0.00020	U	0.00019	U	0.00018	U	0.000181	U	0.00018	U	0.00018	U	0.194	U	0.198	U	0.199	U	0.00019	U	0.202	U	0.00018	U	0.00017	U	0.00018	U	0.00018	U	~	~	~
Perfluoro-1-nonanesulfonic acid (PFNS)	0.00015	U	0.00015	U	0.144	U	0.168	U	0.149	U	0.149	U	0.00016	U	0.00016	U	0.00016	U	0.00015	U	0.000145	U	0.00014	U	0.00014	U	0.155	U	0.158	U	0.159	U	0.00016	U	0.162	U	0.00015	U	0.00014	U	0.00014	U	0.00014	U	~	~	~
Perfluoro-1-octanesulfonamide (FOSA)	0.00018	U	0.00017	U	0.170	U	0.198	U	0.175	U	0.175	U	0.00018	U	0.00019	U	0.00018	U	0.00017	U	0.000170	U	0.00017	U	0.00017	U	0.183	U	0.186	U	0.187	U	0.00018	U	0.190	U	0.00017	U	0.00016	U	0.00017	U	0.00017	U	~	~	~
Perfluoro-1-pentanesulfonate (PFPeS)	0.00019	U	0.00018	U	0.183	U	0.213	U	0.188	U	0.188	U	0.00020	U	0.00020	U	0.00020	U	0.00019	U	0.000183	U	0.00018	U	0.00018	U	0.197	U	0.200	U	0.201	U	0.00020	U	0.205	U	0.00019	U	0.00018	U	0.00018	U	0.00018	U	~	~	~
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.00024	U	0.00023	U	0.225	U	0.262	U	0.231	U	0.232	U	0.00024	U	0.00025	U	0.00024	U	0.00023	U	0.000225	U	0.00022	U	0.00022	U	0.242	U	0.246	U	0.247	U	0.00024	U	0.251	U	0.00023	U	0.00022	U	0.00022	U	0.00022	U	~	~	~
Perfluoro-4-oxapentanoic acid (PFMPA)	0.00008	U	0.00007	U	0.0722	U	0.0841	U	0.0743	U	0.0744	U	0.00008	U	0.00008	U	0.00008	U	0.00007	U	0.000072	U	0.00007	U	0.00007	U	0.0777	U	0.0792	U	0.0794	U	0.00008	U	0.081	U	0.00007	U	0.00007	U	0.00007	U	0.00007	U	~	~	~
Perfluoro-5-oxahexanoic acid (PFMBA)	0.00012	U	0.00011	U	0.112	U	0.130	U	0.115	U	0.115	U	0.00012	U	0.00013	U	0.00012	U	0.00011	U	0.000112	U	0.00011	U	0.00011	U	0.120	U	0.123	U	0.123	U	0.00012	U	0.125	U	0.00011	U	0.00011	U	0.00011	U	0.00011	U	~	~	~
Perfluorobutanesulfonic acid (PFBS)	0.00014	U	0.00013	U	0.129	U	0.151	U	0.133	U	0.133	U	0.00014	U	0.00014	U	0.00014	U	0.00013	U	0.000129	U	0.00013	U	0.00013	U	0.139	U	0.142	U	0.142	U	0.00014	U	0.145	U	0.00013	U	0.00012	U	0.00013	U	0.00013	U	~	~	~
Perfluorodecanoic acid (PFDA)	0.00024	U	0.00022	U	0.222	U	0.259	U	0.229	U	0.229	U	0.00024	U	0.00025	U	0.00024	U	0.00023	U	0.000223	U	0.00022	U	0.00022	U	0.240	U	0.244	U	0.245	U	0.00024	U	0.249	U	0.00023	U	0.00021	U	0.00022	U	0.00022	U	~	~	~
Perfluorododecanesulfonic acid (PFDoS)	0.00021	U	0.00020	U	0.197	U	0.229	U	0.202	U	0.203	U	0.00021	U	0.00022	U	0.00021	U	0.00020	U	0.000197	U	0.00019	U	0.00019	U	0.212	U	0.216	U	0.216	U	0.00021	U	0.220	U	0.00020	U	0.00019	U	0.00019	U	0.00019	U	~	~	~
Perfluorododecanoic acid (PFDoA)	0.00020	U	0.00019	U	0.190	U	0.221	U	0.195	U	0.196	U	0.00020	U	0.00021	U	0.00020	U	0.00019	U	0.000190	U	0.00019	U	0.00019	U	0.204	U	0.208	U	0.209	U	0.00020	U	0.212	U	0.00019	U	0.00018	U	0.00019	U	0.00019	U	~	~	~
Perfluoroheptanoic acid (PFHpA)	0.00013	U	0.00012	U	0.122	U	0.142	U	0.126	U	0.126	U	0.00013	U	0.00014	U	0.00013	U	0.00012	U	0.000122	U	0.00012	U	0.00012	U	0.132	U	0.134	U	0.135	U	0.00013	U	0.137	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	~	~	~
Perfluorohexanesulfonic acid (PFHxS)	0.00022	U	0.00021	U	0.208	U	0.243	U	0.214	U	0.215	U	0.00022	U	0.00023	U	0.00022	U	0.00021	U	0.000209	U	0.00020	U	0.00020	U	0.224	U	0.229	U	0.229	U	0.00022	U	0.233	U	0.00021	U	0.00020	U	0.00020	U	0.00021	U	~	~	~
Perfluorohexanoic acid (PFHxA)	0.00007	U	0.00006	U	0.0617	U	0.0719	U	0.0635	U	0.0636	U	0.00007	U	0.00007	U	0.00007	U	0.00006	U	0.000062	U	0.00006	U	0.00006	U	0.0665	U	0.0677	U	0.0679	U	0.00007	U	0.069	U	0.00006	U	0.00006	U	0.00006	U	0.00006	U	~	~	~
Perfluoro-n-butanoic acid (PFBA)	0.00013	U	0.00013	U	0.127	U	0.148	U	0.131	U	0.131	U	0.00014	U	0.00014	U	0.00014	U	0.00013	U	0.000127	U	0.00012	U	0.00012	U	0.137	U	0.139	U	0.140	U	0.00014	U	0.142	U	0.00013	U	0.00012	U	0.00012	U	0.00013	U	~	~	~
Perfluorononanoic acid (PFNA)	0.00023	U	0.00022	U	0.220	U	0.256	U	0.226	U	0.227	U	0.00024	U	0.00025	U	0.00024	U	0.00022	U	0.000220	U	0.00021	U	0.00021	U	0.237	U	0.241	U	0.242	U	0.00024	U	0.246	U	**0.0003**		0.00021	U	0.00022	U	0.00022	U	~	~	~
Perfluorooctanesulfonic acid (PFOS)	0.00021	U	0.00020	U	0.195	U	0.226	U	0.200	U	0.200	U	0.00021	U	0.00022	U	0.00021	U	0.00020	U	0.000195	U	0.00019	U	0.00019	U	0.209	U	0.213	U	0.214	U	0.00021	U	0.218	U	**0.0028**		0.00019	U	**0.0004**		**0.0002**	J	0.00088	0.001	0.044
Perfluorooctanoic acid (PFOA)	0.00021	U	0.00020	U	0.200	U	0.233	U	0.206	U	0.206	U	0.00022	U	**0.00026**		0.00022	U	0.00020	U	0.000201	U	0.00020	U	0.00020	U	0.216	U	0.220	U	0.220	U	0.00022	U	0.224	U	0.00020	U	0.00019	U	0.00044		0.00020	U	0.00066	0.0008	0.033
Perfluoropentanoic acid (PFPeA)	0.00013	U	0.00013	U	0.127	U	0.148	U	0.131	U	0.131	U	0.00014	U	0.00014	U	0.00014	U	0.00013	U	0.000127	U	0.00012	U	0.00012	U	0.137	U	0.139	U	0.140	U	0.00014	U	0.142	U	0.00013	U	0.00012	U	0.00012	U	0.00013	U	~	~	~
Perfluorotetradecanoic acid (PFTA)	0.00013	U	0.00012	U	0.120	U	0.140	U	0.123	U	0.124	U	0.00013	U	0.00013	U	0.00013	U	0.00012	U	0.000120	U	0.00012	U	0.00012	U	0.129	U	0.132	U	0.132	U	0.00013	U	0.134	U	0.00012	U	0.00012	U	0.00012	U	0.00012	U	~	~	~
Perfluorotridecanoic acid (PFTrDA)	0.00015	U	0.00015	U	0.146	U	0.169	U	0.150	U	0.150	U	0.00016	U	0.00016	U	0.00016	U	0.00015	U	0.000146	U	0.00014	U	0.00014	U	0.157	U	0.160	U	0.160	U	0.00016	U	0.163	U	0.00015	U	0.00014	U	0.00014	U	0.00014	U	~	~	~
Perfluoroundecanoic acid (PFUnA)	0.00024	U	0.00023	U	0.231	U	0.268	U	0.237	U	0.238	U	0.00025	U	0.00026	U	0.00025	U	0.00023	U	0.000231	U	0.00023	U	0.00022	U	0.248	U	0.253	U	0.254	U	0.00025	U	0.258	U	0.00024	U	0.00022	U	0.00023	U	0.00023	U	~	~	~

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte
UPFAS=NYSDEC Part 375 Remedial Soil Guidance PFAS Unrestricted Site use - April 2023
PGWPFAS=NYSDEC Part 375 Remedial Soil Guidance PFAS for Protection of Grounwater Site use - April 2023
RRPFAS=NYSDEC Part 375 Remedial Soil Guidance PFAS Restricted Residential Site use - April 2023
result exceeds UPFAS and PGWPFAS

Table 2
Groundwater Samples Analytical Results for CVOCs Pre and Post IRM Injections
170 Freeman Street, Brooklyn,NY

Sample ID	MW-9														MW-10														MW-11		MW-11R								GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		9/25/2025 [1]		9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		9/20/2021		1/15/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	**0.25**	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327		5
Cis-1,2-DCE	**679**	D	**84.70**	D	**144**	E	**190**	D	**296**	D	**412**	D	**246**	BD	**1.43**		0.294	U	**166**	D	0.294	U	0.294	U	**1.24**		0.294	U	**124**	D	0.580		0.294	U	**12.70**		**3.80**		**4.06**		**7.77**		5
PCE	**0.21**	J	**1.58**		**0.77**		**0.76**		**0.31**	J	**0.43**	J	**0.37**	J	0.200	U	0.239	U	**0.74**		0.239	U	0.239	U	0.239	U	0.239	U	**0.57**		**0.24**	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239		5
Trans-1,2-DCE	**21.60**		**4.15**		**6.13**		**11.10**		**18.50**		**25.60**		**12**		0.200	U	0.279	U	**6.03**		0.279	U	0.279	U	0.279	U	0.279	U	**1.96**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279		5
TCE	**0.76**		**0.97**		**0.69**		**1.02**		**1.03**		**1.11**		0.370	J	0.200	U	0.249	U	**0.67**		0.249	U	0.249	U	0.249	U	0.239	U	**2.06**		0.249	U	0.249	U	**0.34**	J	0.249	U	0.249	U	0.239		5
VC	**23.40**		**0.58**		**2.75**		**5.73**		**2.16**		**4.05**		**0.78**		0.200	U	0.469	U	**2.68**		0.469	U	0.469	U	0.469	U	0.469	U	**2.77**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469		2

Sample ID	MW-13									MW-13R				MW-14														MW-15												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025	5/23/2025		8/27/2025		9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		9/21/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	**0.28**	J	**1.35**		**6.99**		**0.48**	J	N	0.294	U	0.294	U	**0.27**	J	0.294	U	**0.32**	J	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N	0.249	U	0.239	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	5
VC	**0.47**	J	**5.36**		0.469	U	**1.07**		N	0.469	U	0.469	U	0.200	U	0.469	U	**0.57**		0.469	U	0.469	U	0.469	U	0.469	U	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

NOTES:
All Concentrations are reported in ug/L
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte
Shaded concentration exceeds GQS
9/20/2021 = Shallow depth goundwater sampling performed during the remedial investigation
1/2/2024 = Shallow depth baseline groundwater sampling performed prior to remedial injections
8/6/2024 to to 9/25/2025 = Shallow depth goundwater sampling performed following remedial investigation
8/6/2024=Bold dates represent sampling post groundwater remediation
[1]…Sample collected 7 days flowing physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair
PCE=Tetrachloroethylene
TCE=Trichloroethylene
1.1-DCE=1,1-Dichloroethylene
Cis-1,2-DCE=cis-1,2-Dichloroethylene
Trans-1,2-DCE=Trans-1,2-Dichloroethylene
VC=Vinyl Chloride
NA= Not sampled due to limited access
GQS=NYSDEC TOGS Standards and Guidance Values - GA
N=Not sampled - Monitorinbg well destroyed
CVOCs=Chlorinated volatile organic compounds
IRM=Interim Remedial Measures

Table 3
Post SSDS Startup On-Site Indoor Air and Off-Site Soil Vapor Samples Analytical Results
170 Freeman Street, Brooklyn, NY

Sample ID	SV-17		IAS-1		IAS-2		IAS-3		OAS-2	
Sampling Date	9/4/2025		9/5/2025		9/5/2025		9/5/2025		9/5/2025	
Client Matrix	Soil Vapor		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Outdoor Ambient Air	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
1,1,1,2-Tetrachloroethane	1.20	U	0.90	U	0.72	U	0.67	U	9.60	U
1,1,1-Trichloroethane	0.95	U	0.71	U	0.58	U	0.53	U	7.60	U
1,1,2,2-Tetrachloroethane	1.20	U	0.90	U	0.72	U	0.67	U	9.60	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.30	U	1	U	0.81	U	0.75	U	11	U
1,1,2-Trichloroethane	0.95	U	0.71	U	0.58	U	0.53	U	7.60	U
1,1-Dichloroethane	0.70	U	0.53	U	0.43	U	0.40	U	5.60	U
1,1-Dichloroethylene	0.35	U	0.26	U	0.21	U	0.19	U	2.80	U
1,2,4-Trichlorobenzene	65	U	49	U	39	U	36	U	520	U
1,2,4-Trimethylbenzene	**0.94**	D	**0.77**	D	**1.40**	D	**0.82**	D	**6.80**	J
1,2-Dibromoethane	1.30	U	1	U	0.81	U	0.75	U	11	U
1,2-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,2-Dichloroethane	0.70	U	0.53	U	0.43	U	0.39	U	5.60	U
1,2-Dichloropropane	0.80	U	0.61	U	0.49	U	0.45	U	6.40	U
1,2-Dichlorotetrafluoroethane	1.20	U	0.92	U	0.74	U	0.68	U	9.70	U
1,3,5-Trimethylbenzene	0.86	U	0.64	U	0.52	U	0.48	U	6.80	U
1,3-Butadiene	1.20	U	0.87	U	0.70	U	0.65	U	9.20	U
1,3-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,3-Dichloropropane	0.80	U	0.61	U	0.49	U	0.45	U	6.40	U
1,4-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,4-Dioxane	3.10	U	2.40	U	1.90	U	1.80	U	25	U
2,2,4-Trimethylpentane	0.41	U	0.31	U	0.25	U	0.23	U	3.30	U
2-Butanone	**26**	J	**19**	J	**16**	J	**14**	J	**210**	J
2-Hexanone	**1.40**	J	**1.10**	J	0.87	U	**0.80**	J	11	U
3-Chloropropene	2.70	U	2.10	U	1.70	U	1.50	U	22	U
4-Methyl-2-pentanone	**0.78**	D	**1.20**	D	**0.48**	D	**0.88**	D	**13**	D
Acetone	**160**	D	**53**	D	**16**	D	**26**	D	**190**	D
Acrylonitrile	**57**	D	14	U	11	U	11	U	150	U
Benzene	**1.20**	D	**0.59**	D	**0.57**	D	**0.65**	D	4.40	U
Benzyl chloride	23	U	17	U	14	U	13	U	180	U
Bromodichloromethane	1.20	U	0.88	U	0.71	U	0.65	U	9.30	U
Bromoform	1.80	U	1.40	U	1.10	U	1	U	14	U
Bromomethane	0.68	U	0.51	U	0.41	U	0.38	U	5.40	U
Carbon disulfide	0.54	U	**0.69**	D	0.33	U	0.30	U	4.30	U
Carbon tetrachloride	0.27	U	0.21	U	0.17	U	0.15	U	2.20	U
Chlorobenzene	0.80	U	0.60	U	0.49	U	0.45	U	6.40	U
Chloroethane	0.46	U	0.35	U	0.28	U	0.26	U	3.70	U
Chloroform	0.85	U	0.64	U	0.52	U	0.48	U	6.80	U
Chloromethane	**2.40**	D	**1.60**	D	**1.60**	D	**1.80**	D	2.90	U
cis-1,2-Dichloroethylene	0.35	U	0.26	U	0.21	U	0.19	U	2.80	U
cis-1,3-Dichloropropylene	0.79	U	0.59	U	0.48	U	0.44	U	6.30	U
Cyclohexane	0.60	U	**0.90**	D	**0.36**	D	**0.44**	D	4.80	U
Dibromochloromethane	1.50	U	1.10	U	0.90	U	0.83	U	12	U
Dichlorodifluoromethane	**2**	D	**1.90**	D	**1.90**	D	**1.70**	D	6.90	U
Ethyl acetate	**31**	J	24	J	**19**	J	**18**	J	**250**	J
Ethyl Benzene	**1.40**	D	**1.40**	D	**2.50**	D	**1.70**	D	6	U
Hexachlorobutadiene	1.90	U	1.40	U	1.10	U	1	U	15	U
Isopropanol	**12**	D	**17**	D	**6**	D	**28**	D	**210**	D
Methyl Methacrylate	0.71	U	0.54	U	0.43	U	0.40	U	5.70	U
Methyl tert-butyl ether (MTBE)	0.63	U	0.47	U	0.38	U	0.35	U	5	U
Methylene chloride	3.60	U	**2.70**	J	**2.20**	J	**2**	J	29	U
Naphthalene	9.10	U	**6.90**	J	**5.50**	J	**5.10**	J	73	U
n-Heptane	0.71	U	0.54	U	0.43	U	0.40	U	5.70	U
n-Hexane	**1.10**	D	**1.50**	D	**0.71**	D	**2.10**	D	**11**	D
o-Xylene	**2.50**	D	**2.30**	D	**4.60**	D	**3**	D	**6.70**	D
p- & m- Xylenes	**6.10**	D	**6**	D	**11**	D	**7.20**	D	**21**	D
p-Ethyltoluene	0.86	U	0.64	U	0.52	U	0.48	U	6.80	U
Propylene	**2.50**	D	0.23	U	0.18	U	0.17	U	2.40	U
Styrene	0.74	U	**1**	D	**1.50**	D	0.42	U	5.90	U
Tetrachloroethylene	1.20	U	0.89	U	0.72	U	**2.40**	D	9.40	U
Tetrahydrofuran	**4.60**	D	0.77	U	**0.62**	J	**1.40**	D	**47**	D
Toluene	**3.10**	D	**3**	D	**11**	D	**9.60**	D	**12**	D
trans-1,2-Dichloroethylene	0.69	U	0.52	U	0.42	U	0.39	U	5.50	U
trans-1,3-Dichloropropylene	0.79	U	0.59	U	0.48	U	0.44	U	6.30	U
Trichloroethylene	0.23	U	0.18	U	0.14	U	0.13	U	1.90	U
Trichlorofluoromethane (Freon 11)	**0.98**	D	**1**	D	**1**	D	**1**	D	7.80	U
Vinyl acetate	0.61	U	0.46	U	0.37	U	0.34	U	4.90	U
Vinyl bromide	0.76	U	0.57	U	0.46	U	0.43	U	6.10	U
Vinyl Chloride	0.22	U	0.17	U	0.13	U	0.12	U	1.80	U

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
Bolded value indicates concentration is greater than Methd Detection Limit

Table 3
Quarterly Groundwater Samples Analytical Results - August 2025
170 Freeman Street, Brooklyn, NY

Sample ID	MW-9 [1]		MW-10		MW-11R		MW-13R		MW-14		MW-15		EB		TB		TB [1]		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/25/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		9/25/2025		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		DI Water		DI Water		DI Water		
Units	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Compound	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
1,1,1,2-Tetrachloroethane	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	5
1,1,1-Trichloroethane	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	5
1,1,2,2-Tetrachloroethane	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freor	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	5
1,1,2-Trichloroethane	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	1
1,1-Dichloroethane	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	5
1,1-Dichloroethylene	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
1,2,3-Trichlorobenzene	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	5
1,2,3-Trichloropropane	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.04
1,2,4-Trichlorobenzene	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	5
1,2,4-Trimethylbenzene	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	5
1,2-Dibromo-3-chloropropane	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.04
1,2-Dibromoethane	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.0006
1,2-Dichlorobenzene	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	3
1,2-Dichloroethane	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.6
1,2-Dichloropropane	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	1
1,3,5-Trimethylbenzene	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	5
1,3-Dichlorobenzene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	3
1,4-Dichlorobenzene	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	3
2-Butanone	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	50
2-Hexanone	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	50
4-Methyl-2-pentanone	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	~
Acetone	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	**1.44**	J	**3.01**	B	50
Acrolein	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	5
Acrylonitrile	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	~
Benzene	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	1
Bromochloromethane	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	5
Bromodichloromethane	0.245	U	**1.15**		0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	50
Bromoform	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	50
Bromomethane	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	5
Carbon disulfide	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	~
Carbon tetrachloride	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	5
Chlorobenzene	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	5
Chloroethane	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	5
Chloroform	0.243	U	**15**		0.243	U	0.243	U	0.243	U	0.243	U	**4.86**		0.243	U	0.243	U	7
Chloromethane	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	5
cis-1,2-Dichloroethylene	**246**	BD	0.294	U	**7.77**		0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
cis-1,3-Dichloropropylene	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.4
Cyclohexane	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	~
Dibromochloromethane	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	50
Dibromomethane	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	~
Dichlorodifluoromethane	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	5
Ethyl Benzene	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	5
Hexachlorobutadiene	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.5
Isopropylbenzene	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	5
Methyl acetate	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	~
Methyl tert-butyl ether (MTBE)	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	10
Methylcyclohexane	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	~
Methylene chloride	0.397	U	**0.47**	J	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	**1.33**	J	0.397	U	5
n-Butylbenzene	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	5
n-Propylbenzene	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	5
o-Xylene	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	5
p- & m- Xylenes	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	~
p-Isopropyltoluene	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	5
sec-Butylbenzene	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	5
Styrene	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	5
tert-Butyl alcohol (TBA)	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	~
tert-Butylbenzene	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	5
Tetrachloroethylene	**0.37**	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Toluene	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	5
trans-1,2-Dichloroethylene	**12**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
trans-1,3-Dichloropropylene	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.4
trans-1,4-dichloro-2-butene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	~
Trichloroethylene	**0.71**		0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
Trichlorofluoromethane	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	5
Vinyl Chloride	**0.78**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2
Xylenes, Total	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	5

NOTES:
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
GQS=NYSDEC TOGS Standards and Guidance Values - GA
[1]…Sample collected 7 days flowing physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair
Shaded concentration exceeds GQS

ATTACHMENTS

APPENDIX 1

NYSDEC BCP AGREEMENT AND AMENDMENTS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Office of the Director
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

April 9, 2021

Jennifer Webber
BK Corners LLC
49 Box Street
Brooklyn, NY 11222

RE: Site Name: 1036 Manhattan Ave BCP Site
Site No.: C224315
Location of Site: 1032 and 1036-1038 Manhattan Avenue
Kings County, Brooklyn, NY 11222

Dear Jennifer Webber:

To complete your file, attached is a fully executed copy of the Brownfield Cleanup Agreement for the 1036 Manhattan Ave BCP Site.

If you have any further questions relating to this matter, please contact the project attorney for this site, Aldie Levine, Esq., NYS Department of Environmental Conservation, Office of General Counsel, 1 Hunter's Point Plaza, 47-40 21st Street, Long Island City, NY 11101 or by email at aldie.levine@dec.ny.gov.

Sincerely,

Michael J. Ryan, P.E.
Director
Division of Environmental Remediation

Enclosure

ec: Wendi Zheng, Project Manager

cc: Aldie Levine, Esq.
Jennifer Andaloro, Esq./Dale Thiel

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM
ECL §27-1401 *et seq.*

In the Matter of a Remedial Program for

BROWNFIELD SITE CLEANUP AGREEMENT
Index No. C224315-03-21

1036 Manhattan Ave BCP Site
DEC Site No:C224315
Located at: 1032 and 1036-1038 Manhattan Avenue
Kings County
Brooklyn, NY 11222

Hereinafter referred to as "Site"

by:

BK Corners LLC
49 Box Street, Brooklyn, NY 11222

Hereinafter referred to as "Applicant"

WHEREAS, the Department of Environmental Conservation ("Department") is authorized to administer the Brownfield Cleanup Program ("BCP") set forth in Article 27, Title 14 of the Environmental Conservation Law ("ECL"); and

WHEREAS, the Applicant submitted an application received by the Department on December 18, 2020; and

WHEREAS, the Department has determined that the Site and Applicant are eligible to participate in the BCP.

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Applicant Status

The Applicant, BK Corners LLC, is participating in the BCP as a Participant as defined in ECL 27-1405(1)(a).

In addition to the requirement to pay future state costs as set forth in Appendix "A", within forty-five (45) days after the effective date of this Agreement, Applicant shall pay to the Department the sum set forth on Exhibit "B", which shall represent reimbursement for past State Costs incurred prior to the effective date of this Agreement. See Appendix A, Paragraph V.C for payment instructions. Applicant acknowledges that all State Costs incurred prior to the effective date of this Agreement are not included on the cost summary and that additional charges may be billed at a later date.

Invoices shall be sent to Applicant at the following address:

BK Corners LLC
49 Box Street, Brooklyn, NY 11222
jennifer@ashnyc.com

II. Tangible Property Tax Credit Status

Applicant requested a determination that the Site is eligible for tangible property tax credits. Pursuant to ECL § 27-1407(1-a), the Department has determined that the Site is not eligible for tangible property tax credits because the Site is located in a City having a population of one million or more and the Applicant has not submitted documentation sufficient to demonstrate that at least one of the following conditions exists: at least half of the site area is located in an environmental zone as defined in section twenty-one of the tax law, the property is upside down, the property is underutilized, or the project is an affordable housing project. In accordance with ECL § 27-1407(1-a), the Applicant may request an eligibility determination for tangible property tax credits at any time from application until the site receives a certificate of completion except for sites seeking eligibility under the underutilized category.

III. Real Property

The Site subject to this Brownfield Cleanup Agreement (the "BCA" or "Agreement") consists of approximately 0.229 acres, a Map of which is attached as Exhibit "A", and is described as follows:

Tax Map/Parcel No.: 03-2513-5
Street Number: 1032 Manhattan Avenue, Brooklyn
Owner: 777 Partners LLC

Tax Map/Parcel No.: 03-2513-6
Street Number: 1036 Manhattan Avenue, Brooklyn
Owner: Marshall Kesten LLC

Tax Map/Parcel No.: 03-2513-8
Street Number: 1038 Manhattan Avenue, Brooklyn
Owner: Marshall Kesten LLC

IV. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Applicant shall be sent to:

Wendi Zheng
New York State Department of Environmental Conservation
Division of Environmental Remediation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
wendi.zheng@dec.ny.gov

Note: one hard copy (unbound) of work plans and reports is required, as well as one electronic copy.

Christine Vooris (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
christine.vooris@health.ny.gov

Aldie Levine, Esq. (correspondence only)
New York State Department of Environmental Conservation
Office of General Counsel
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101
aldie.levine@dec.ny.gov

2. Communication from the Department to Applicant shall be sent to:

BK Corners LLC
Attn: Jennifer Webber
49 Box Street
Brooklyn, NY 11222
jennifer@ashnyc.com

B. The Department and Applicant reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Applicant provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph III.

V. Miscellaneous

A. Applicant acknowledges that it has read, understands, and agrees to abide by all the terms set forth in Appendix A - "Standard Clauses for All New York State Brownfield Site Cleanup Agreements" which is attached to and hereby made a part of this Agreement as if set forth fully herein.

B. In the event of a conflict between the terms of this BCA (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this BCA shall control.

C. The effective date of this Agreement is the date it is signed by the Commissioner or the Commissioner's designee.

DATED: April 9, 2021

THIS BROWNFIELD CLEANUP AGREEMENT IS HEREBY APPROVED, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

CONSENT BY APPLICANT

Applicant hereby consents to the issuing and entering of this Agreement, and agrees to be bound by this Agreement.

BK Corners LLC

By: _____

Title: Authorized Signatory

Date: 3.31.21

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the 31 day of March in the year 2021, before me, the undersigned, personally appeared Jonathan Minkoff, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual taking acknowledgment

JACQUELINE HELLEIS
Notary Public, State of New York
No. 01HE4956974
Qualified in New York County
Commission Expires October 2, 2021

EXHIBIT A
SITE MAP



ID	Block	Lot	Address	Owner
A	2504	44	1043 Manhattan Ave.	Krystyna Malik
B	2505	1	1044 Manhattan Ave.	Irene Klementowicz
C	2505	2	1048 Manhattan Ave.	Manhattan Holdings NY LLC
D	2505	58	181 Freeman St.	Geri N. Cizmar
E	2505	59	179 Freeman St.	Irene Klementowicz
F	2512	43	1041 Manhattan Ave.	Alfred Kaminski
G	2512	44	1037 Manhattan Ave.	1037 Manhattan Avenue LLC
H	2512	45	1035 Manhattan Ave.	1035 Manhattan Avenue LLC
I	2512	46	1031 Manhattan Ave.	P. F. H. Manhattan Ave. H.
J	2512	47	1029 Manhattan Ave.	Man-Ave, LLC
K	2512	48	1025 Manhattan Ave.	Emil Sofsky
L	2513	1	1020 Manhattan Ave.	Leko Enterprises, LLC
M	2513	3	1026 Manhattan Ave.	Marria LLC
N	2513	4	1030 Manhattan Ave.	Matta LLC
O	2513	10	178 Freeman St.	178 Freeman LLC
P	2513	11	180 Freeman St.	Andre Daparma
Q	2513	57	177 Green St.	Mahbub Rahman

EXHIBIT B
PAST COSTS

Pursuant to Paragraph I, within forty-five (45) days after the effective date of this Agreement, Applicant shall pay to the Department the sum set forth in this Exhibit. The Exhibit includes a summary of past State Costs incurred prior to the effective date of the Agreement. The payment shall be made payable to "Commissioner of NYSDEC" and shall be sent to:

Division of Management and Budget, 10th Floor
New York State Department of Environmental Conservation
625 Broadway, Albany, New York 12233-4900

EXHIBIT I

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
BUREAU OF PROGRAM MANAGEMENT

COST SUMMARY

SITE NAME: 1036 Manhattan Avenue
SITE NO.: C224315
TIME FRAME: DEC Life - 02/03/21

COST CATEGORY	AMOUNTS	EXHIBIT NO.
DIRECT PERSONAL SERVICES	$296.10	
FRINGE	$184.74	
INDIRECT	$150.31	
PERSONAL SERVICES SUBTOTAL	*$631.15*	II
CONTRACTUAL	$0.00	
TRAVEL	$0.00	
OTHER NPS	$0.00	
NON-PERSONAL SERVICES SUBTOTAL	*$0.00*	
DEC TOTAL	$631.15	
DOH TOTAL (NOT AVAILABLE)	N/A	
MINUS PREVIOUSLY REIMBURSED AMOUNT (IF APPLICABLE)	N/A	
DEC & DOH TOTAL	*$631.15*	
COST CAP (IF APPLICABLE)	N/A	
GRAND TOTAL	**$631.15**	

Exhibit II

WELCOME TO LATS[net] 11.1.1.537 - LEAVE & ACCRUAL TRACKING SYSTEM LATS NET

Cost Query - Ad Hoc

Criteria: Timecard Begin Date 12/10/2020 And Timecard End Date 2/3/2021 And Task Code 75376
Leave Charges: Included
Cost Indicator: Direct
Rate Type: Non-Federal
Download Excel Report
Print

Jump To Employee: All

Pay Period	Pay Period Dates	Check Date	Cost Center	Variable	Budget Year	Employee	Title Description	Work Location Code	Work Location Description	Billable Hourly Rate	State Fringe	State Indirect	Hours	Cost
Task: 75376 - C224315 - 1036 MANHATTAN AVE BCP SITE														
2020/22	01/21/2021 - 02/03/2021	02/17/2021	223014	H1	2020	ZHENG, WENDI	ASSISTANT ENGINEER (ENVIRONMENTAL)	43730	R2 - New York City - Regional HQ	42.30	184.74	150.31	7.00	296.10
										Task 75376 Sub Total:	184.74	150.31	7.00	296.10
										Report Total:	184.74	150.31	7.00	296.10

Close

APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE BROWNFIELD SITE CLEANUP AGREEMENTS

The parties to the Brownfield Site Cleanup Agreement (hereinafter "BCA" or "Agreement") agree to be bound by the following clauses which are hereby made a part of the BCA. The word "Applicant" herein refers to any party to the Agreement, other than the New York State Department of Environmental Conservation (herein after "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Agreement, Applicant shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of Environmental Conservation Law (ECL) § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Agreement.

II. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be prepared and implemented in accordance with the requirements of ECL Article 27, Title 14, 6 NYCRR §§ 375-1.6(a) and 375-3.6, and all applicable laws, rules, regulations, and guidance documents. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site and, if the Applicant is a "Participant", the extent of contamination emanating from such Site. If the Applicant is a "Volunteer" it shall perform a qualitative exposure assessment of the contamination emanating from the Site in accordance with ECL § 27-1415(2)(b) and Department guidance;

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site and, if the Applicant is a "Participant", the contamination that has emanated from such Site;

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure; or

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in II.A.1-4 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. The first proposed Work Plan to be submitted under this Agreement shall be submitted no later than thirty (30) days after the effective date of this Agreement. Thereafter, the Applicant shall submit such other and additional work plans as determined in a schedule to be approved by the Department.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Agreement and shall be implemented in accordance with the schedule contained therein. All work undertaken as part of a remedial program for a Site must be detailed in a department-approved Work Plan or a submittal approved in form and content by the Department.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the

provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR § 375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Applicant shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Agreement, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Applicant shall submit such additional Work Plans as it proposes to implement. In addition, Applicant shall include with every report submitted to the Department a schedule for the submission of any subsequent work plan required to meet the requirements of ECL Article 27 Title 14. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Applicant, result in the termination of this Agreement pursuant to Paragraph XII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Applicant in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Applicant to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Applicant's submittal has been disapproved, Applicant shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to Paragraph XII. If Applicant submits a revised submittal and it is disapproved, the Department and Applicant may pursue whatever remedies may be available under this Agreement or under law. All work undertaken as part of a remedial program, including work undertaken pursuant to submittals other than Work Plans, must be approved by the department prior to implementation by the Applicant.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Applicant of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Applicant shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Applicant may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Agreement. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Applicant agrees to negotiate appropriate modifications to such Work Plan. If Applicant elects not to develop a Work Plan under this Subparagraph then this Agreement shall terminate in accordance with Paragraph XII. If the Applicant elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph II.D above.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Applicant shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

III. Enforcement

Except as provided in Paragraph V, this Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Applicant shall not suffer any penalty except as provided in Paragraph V, or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event as described at 6 NYCRR § 375-1.5(b)(4) provided Applicant complies with the requirements set forth therein.

IV. Entry upon Site

A. Applicant hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Applicant agrees to provide the Department upon request with proof of access if it is not the owner of the Site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Agreement. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Agreement pursuant to Paragraph XII.

V. Payment of State Costs (Applicable only to Applicants with Participant Status)

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Applicant shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the "Commissioner of NYSDEC" and shall be sent to:

Division of Management and Budget
New York State Department of Environmental Conservation
625 Broadway, 10th Floor
Albany, New York 12233-4900

D. Each party shall provide written notification to the other within ninety (90) days of any change in the foregoing addresses.

E. If Applicant objects to any invoiced costs under this Agreement, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply.

Objections shall be sent to the Department as provided under subparagraph V.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph III or the Department may commence an enforcement action for non-compliance with ECL § 27-1409(2) and ECL § 71-4003.

VI. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Agreement, Applicant shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VII. Reservation of Rights

A. Except as provided in Subparagraph VII.B, Applicant reserves all rights and defenses under applicable law to contest, defend against, dispute, or disprove any action, proceeding, allegation, assertion, determination, or order of the Department, including any assertion of remedial liability by the Department against Applicant, and further reserves all rights including the rights to notice, to be heard, to appeal, and to any other due process respecting any action or proceeding by the Department, including the enforcement of this Agreement. The existence of this Agreement or Applicant's compliance with it shall not be construed as an admission of any liability, fault, wrongdoing, or violation of law by Applicant, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

B. Notwithstanding the foregoing, Applicant hereby waives any right it may have to make a claim pursuant to Article 12 of the Navigation Law with respect to the Site and releases the State and the New York Environmental Protection and Spill Compensation Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that Applicant may have as a result of Applicant's entering into or fulfilling the terms of this Agreement.

VIII. Indemnification

Applicant shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless from any claim, suit, action, and cost of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement by Applicant prior to the Termination Date except for those claims, suits, actions, and costs arising from the State's gross negligence or willful or intentional misconduct by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this Agreement. In the event that the Applicant is a Participant, this provision shall also include the Trustee of the State's Natural Resources. The Department shall provide Applicant with written notice no less than thirty (30) days prior to commencing a lawsuit seeking indemnification pursuant to this Paragraph.

IX. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in ECL § 27-1425, which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

X. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph II.E.2 that additional remediation is not needed based upon use restrictions, Applicant shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Applicant shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's approval of such instrument. Applicant shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy

provided Applicant advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Agreement.

B. Applicant or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Agreement at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

XI. Progress Reports

Applicant shall submit a written progress report of its actions under this Agreement to the parties identified in Subparagraph III.A.1 of the Agreement by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Applicant in connection with this Site, whether under this Agreement or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XII. Termination of Agreement

Applicant or the Department may terminate this Agreement consistent with the provisions of 6 NYCRR §§ 375-3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV of the Agreement.

XIII. Dispute Resolution

A. In the event disputes arise under this Agreement, Applicant may, within fifteen (15) days after Applicant knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to Paragraph V of Appendix A of this Agreement, if applicable.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Agreement shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XIV. Miscellaneous

A. If the information provided and any certifications made by Applicant are not materially accurate and complete, this Agreement, except with respect to Applicant's obligations pursuant to Paragraphs V, if applicable, and VII.B, and VIII, shall be null and void ab initio fifteen (15) days after the Department's notification of such inaccuracy or incompleteness or fifteen (15) days after issuance of a final decision resolving a dispute pursuant to Paragraph XIII, whichever is later, unless Applicant submits information within that fifteen (15) day time period indicating that the information provided and the certifications made were materially accurate and complete. In the event this Agreement is rendered null and void, any Certificate of Completion and/or Liability Limitation that may have been issued or may have arisen under this Agreement shall also be null and void ab initio, and the Department shall reserve all rights that it may have under law.

B. By entering into this Agreement, Applicant agrees to comply with and be bound by the provisions of 6 NYCRR §§ 375-1, 375-3 and 375-6; the provisions of such subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Agreement to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Agreement.

C. The Department may exempt Applicant from the requirement to obtain any state or local

permit or other authorization for any activity conducted pursuant to this Agreement in accordance with 6 NYCRR §§ 375-1.12(b), (c), and (d).

D. 1. Applicant shall use "best efforts" to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Applicant's obligations under this Agreement, including all Department-approved Work Plans and the schedules contained therein. If, despite Applicant's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Applicant shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Applicant in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Applicant to modify the Work Plan pursuant to 6 NYCRR § 375-1.6(d)(3) to reflect changes necessitated by Applicant's inability to obtain such interest.

E. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

F. 1. The terms of this Agreement shall constitute the complete and entire agreement between the Department and Applicant concerning the implementation of the activities required by this Agreement. No term, condition, understanding, or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Applicant of its obligation to obtain such formal approvals as may be required by this Agreement. In the event of a conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s). Applicant consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. i. Except as set forth herein, if Applicant desires that any provision of this Agreement be changed, Applicant shall make timely written application to the Commissioner with copies to the parties in Subparagraph IV.A.1 of the Agreement.

ii. If Applicant seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1 of the Agreement.

iii. Requests for a change to a time frame set forth in this Agreement shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Applicant promptly.

G. 1. If there are multiple parties signing this Agreement, the term "Applicant" shall be read in the plural, the obligations of each such party under this Agreement are joint and several, and the insolvency of or failure by any Applicant to implement any obligations under this Agreement shall not affect the obligations of the remaining Applicant(s) under this Agreement.

2. If Applicant is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Agreement are joint and several and the insolvency or failure of any general partner to implement any obligations under this Agreement shall not affect the obligations of the remaining partner(s) under this Agreement.

3. Notwithstanding the foregoing Subparagraphs XIV.G.1 and 2, if multiple parties sign this Agreement as Applicants but not all of the signing parties elect to implement a Work Plan, all Applicants are jointly and severally liable for each and every obligation under this Agreement through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Applicants electing to perform additional work shall be jointly and severally liable under this Agreement for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Agreement relative to the activities set forth in such Work Plan(s). Further, only those Applicants electing to implement such additional Work Plan(s) shall be

eligible to receive the Liability Limitation referenced in Paragraph VI.

4. Any change to parties pursuant to this Agreement, including successors and assigns through acquisition of title, is subject to approval by the Department, after submittal of an application acceptable to the Department.

H. Applicant shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL § 27-1421(6) and 6 NYCRR § 375-1.5(b)(5).

I. Applicant shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

J. Applicant and Applicant's agents, grantees, lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Applicant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Applicant's responsibilities under this Agreement.

K. Unless otherwise expressly provided herein, terms used in this Agreement which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

L. Applicant's obligations under this Agreement shall not be deemed to constitute any type of fine or penalty.

M. In accordance with 6 NYCRR § 375-1.6(a)(4), the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan, as well as any pre-bid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting; provided, however that the Department may be excluded from portions of meetings where privileged matters are discussed.

N. In accordance with 6 NYCRR § 375-1.11(a), all work plans; reports, including all attachments and appendices, and certifications, submitted by a remedial party shall be submitted in print, as well as in an electronic format acceptable to the Department.

O. This Agreement may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

BK CORNERS LLC AUTHORIZATION
TO COMPLETE REMEDIAL REQUIREMENTS

The undersigned, being all of the members of BK Corners LLC, a New York limited liability company (the "Company") hereby certify as of February 3, 2021, as follows and adopt the following resolutions and authorize the Company to authorize and direct Jonathan Minkoff (the "Authorized Signatory") to take the following actions on behalf of the Company:

WHEREAS, the Company desires to authorize the Authorized Signatory to undertake actions necessary to redevelop 1032, 1036, and 1038 Manhattan Avenue, Brooklyn, New York 11222; Block 2513, Lots 5, 6, and 8 (the "Property" or the "Site").

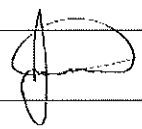
WHEREAS, in connection with the redevelopment of the Property, the Company has or will prepare and submit an application to participate in the New York State Brownfield Cleanup Program ("BCP") and, if accepted into the BCP, enter into a Brownfield Cleanup Agreement ("BCA"); file related documents with the New York State Department of Environmental Conservation ("DEC") to participate in the BCP; and undertake certain environmental remediation work related thereto consistent with applicable laws, regulations and guidance under the BCP (collectively referred to as the "Remedial Program Requirements");

NOW THEREFORE, BE IT

RESOLVED, the Authorized Signatory be, and hereby is, authorized and directed, in the name of and on behalf of the Company, to execute and to deliver all applications, documents and instruments required to effectuate the BCA (including execution of the BCA), and make any filings required to comply with the BCA consistent with the Remedial Program Requirements; and be it further;

RESOLVED, that this Authorization may be signed in any number of counterparts, including but not limited to electronic, and shall become effective as of the date herein below written when each person named below shall have signed a copy hereof; and

RESOLVED, The Authorized Signatory is authorized to bind the Company as an Authorized Signatory for the purposes set forth in this Authorization, the signature set forth opposite his name below is his actual signature:

Authorized Signatory	Signature
Jonathan Minkoff	

IN WITNESS WHEREOF, the undersigned have signed and sealed this Member Consent on February 3, 2021.

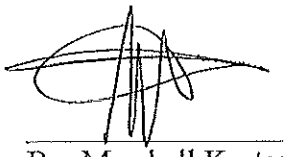
MEMBERS:

777 Partners LLC



By: Marshall Kesten

Marshall Kesten LLC



By: Marshall Kesten

OPERATING AGREEMENT

OF

BK CORNERS LLC

THIS OPERATING AGREEMENT, dated as of this _____ day of December, 2020 (the "Agreement Date"), by and among each of the parties named on the signature pages hereto.

WITNESSETH:

WHEREAS, the individuals and entities signing this Agreement heretofore formed a limited liability company known as BK CORNERS LLC (the "Company"), pursuant to the New York Limited Liability Company Law (the "Act").

WHEREAS, the individuals and entities signing this Agreement desire to provide for the management and the conduct of the Company's business and establish their respective rights and obligations in connection with forming the Company; and

NOW, THEREFORE, in consideration of the premises and the mutual covenants hereinafter provided, the parties hereto hereby agree as follows:

ARTICLE 1

CERTAIN DEFINED TERMS

Section 1.1 Certain Defined Terms. The following capitalized terms shall have the meanings set forth below:

"Act" means the Limited Liability Company Law of New York, as amended.

"Affiliate" of a person means another person directly or indirectly controlling, controlled by, or under common control with such person; for this purpose, "control" of a person means the power (whether or not exercised) to direct the policies, operations or activities of such person by virtue of the ownership of, or right to vote, or to direct the manner of voting of, securities of such person, or pursuant to law or agreement, or otherwise and shall include the spouse of such person as well as the grandparents of any person deemed an "Affiliate" by virtue of this definition, any descendent (whether natural or adopted) of any such grandparents and any spouse of any such decedent.

"Agreement" means this Operating Agreement, including any Schedules or Exhibits hereto, as the same may be supplemented, amended or restated from time to time in the manner provided herein.

"Business" means (i) to own, operate, manage and dispose of the Property, (ii) to engage in such other business to which the Members from time to time consent, and (iii) any other acts or activities and to exercise any powers permitted to the Company under the Act, so long as the same shall be necessary or convenient to accomplish the foregoing or are incidental thereto or connected therewith (including, but not limited to, investment of proceeds accruing to the Company); provided, however, that the Company shall at all times operate in such a manner so as not to be required to register as an "investment company" within the meaning of the Investment Company Act of 1940, as amended, and the regulations thereunder.

"Capital Account" has the meaning given in Section 3.2.

"Capital Gain" or "Capital Loss" means, for any fiscal year of the Company, the Company's net taxable gain or loss, respectively, for such year from Capital Transactions as computed for federal income tax purposes, after reduction for expenses directly attributable to such Capital Transactions (whether or not such amounts are treated as capital gain or capital loss for federal income tax purposes).

"Capital Transaction" means the sale, exchange or other disposition or casualty or condemnation of all or a substantial portion of the Property, the refinancing of the Company's purchase money mortgage that helped finance the acquisition of the Property, or any other Company borrowing secured by an interest in the Property.

"Carrying Costs" means real estate taxes and property insurance premiums, utility charges and any service contracts fee attributable to the maintenance of the Property.

"Cause" has the meaning given in Section 7.1.

"Closing" means the closing of the transactions contemplated by the Contract.

"Code" means the Internal Revenue Code of 1986, as amended, and the regulations promulgated thereunder, or any corresponding or succeeding provisions of applicable law.

"Consent" means the prior approval, authorization or consent to any act or matter by the vote of the Members are entitled to vote on such matter pursuant to this Agreement, Members owning a majority of the Percentages so entitled to vote In the event the required vote is obtained, all Members shall be deemed to have approved such Consent.

"Depreciation" means for each Fiscal Year, an amount equal to the depreciation, amortization or other cost recovery deduction allowable with respect to the assets of the

Company for such Fiscal Year (adjusted by the Manager in the event Capital Accounts are adjusted under Section 3.2(c) hereof).

"Fiscal Year" means a fiscal year of the Company, which shall end on [December 31] of each year.

"Interest" means the right of a Member to be allocated a share of Profit, Loss, Capital Gain and Capital Loss and special allocations, to receive distributions and to participate in the management of the Company in accordance with this Agreement, and all other rights, powers, duties and obligations of such Member provided herein or by applicable law.

"Lender" means any lending institution chosen by the Members.

"Liability" has the meaning given in Section 6.6.

"Liquidating Member" means the Manager, or if none or the Manager is without the capacity to act as manager hereunder resulting from his/her disability or otherwise, a Member appointed by Consent of the Members to act pursuant to Article IX hereunder.

"Manager" has the meaning given in Section 6.3.

"Member" means a member of the Company.

"Minimum Contribution" is the amount set forth on Schedule A.

"Net Capital Proceeds" means, for any Fiscal Year, the aggregate cash proceeds from Capital Transactions received by the Company during such Fiscal Year reduced by (a) the aggregate expenses directly attributable to a Capital Transaction and any capital expense or operating expense which are required to be paid from such proceeds (including without limitation any selling expense and cost of restoring the property (in excess of insurance proceeds, condemnation awards and any deductible under insurance) which is the subject of the Capital Transaction as determined by the Manager with the Consent of the Members, if applicable) and (b) the repayment (or provision for repayment of) any Company obligation which was or may be paid from such proceeds.

"Net Cash Flow" means, for any Fiscal Year, the amount by which the sum of (a) the gross cash receipts from the operations of the Company during such Fiscal Year and (b) the amount of any reduction in Reserves from Net Cash Flow from the prior Fiscal Year exceeds the sum of (c) the gross cash expenditures from the operations of the Company during such Fiscal Year, and (d) the amount of any increase in the Reserves from Net Cash Flow from the prior Fiscal Year.

"Operating Expenses" of the Company include (i) all costs of personnel employed by the Company and involved in the business of the Company to the extent and only for such periods as such employee shall be employed by the Company in the conduct of the business of

the Company; (ii) all costs of borrowed money, real estate and personal property taxes and assessments of the Company's properties and other taxes applicable to the Company; (iii) audit, accounting, real estate brokerage, attorneys' and other fees; (iv) printing and related expenses; (v) taxes incurred in connection with insurance, distribution, transfer, registration and recording of documents evidencing ownership of an interest in the Company; (vi) any fees and expenses paid to independent contractors, mortgage bankers, brokers and servicers, consultants, insurance brokers and other agents including affiliates thereof; (vii) expenses in connection with the disposition, refinancing, management and development of the Premises or any additional properties hereafter acquired by the Company (including the cost and expenses of insurance premiums, all utility costs and expenses paid by the Company, real estate brokerage commissions, other management fees and costs of maintenance of the Premises or any additional properties hereafter acquired by the Company); (viii) the cost of insurance required in connection with the business of the Company; (ix) expenses incurred by the Company or the Manager in organizing, revising, amending, converting, modifying or terminating the Company; (x) expenses in connection with distributions made by the Company to any Members; (xi) communications, bookkeeping, and clerical work necessary in maintaining relations with Members including the cost of printing and mailing to such persons, reports of the business and the meetings of the Company; and (xii) fees and reimbursable expenses for the Manager.

"Percentage" means the percentage with respect to each Member as initially set forth on Schedule A hereto, which shall subsequently be adjusted as provided herein. The Percentage need not be equal with respect to economies and voting and the appropriate context shall be applied in applying the term Percentage so the Voting Percentage and Economic Percentage is properly utilized in this Agreement.

"Person" means any individual, corporation, association, partnership, limited liability company, joint venture, trust, estate, organization, business, government or agency or political subdivision thereof, or any other entity.

"Profit" or "Loss" means, for any Fiscal Year, the Company's taxable income or loss, respectively, for such Fiscal Year as computed for federal income tax purposes (including all items required to be separately stated), increased by items of income which are exempt from federal income tax and reduced by expenditures which, under federal income tax law, are neither deductible nor properly chargeable to a capital account, other than (a) Capital Gains and Capital Losses and (b) amounts required to be specially allocated pursuant to Section 4.3. In the event that property contributed to the Company has a fair market value which differs from its basis (at the time of contribution) or an election is made under Treasury Regulation §1.704-1(b)(2)(iv)(f), the Capital Accounts shall be adjusted in accordance with Treasury Regulation §1.704-1(b)(2)(iv)(g) for allocations of depreciation, amortization and gain or loss, as computed for book purposes, with respect to such property.

"Property" means the property located at 1032, 1036 and 1038 Manhattan Avenue, Brooklyn, New York, including any buildings and improvements thereon erected, as well as all fixtures, equipment, furniture, furnishings, fittings and articles of personal property

now or hereafter attached; provided, however, the same shall be delivered in the condition required pursuant to the terms of the Contract.

"Reserves" means, for any Fiscal Year, such amounts as the Manager, with the Consent of the Members, determines from time to time are required to maintain reserves and working capital for the payment of liabilities, operating expenses, capital expenses, debt service and other obligations of the Company.

"Transfer" has the meaning given in Section 8.1.

"Unreturned Capital Contribution" of a Member at any time means the excess, if any, of the aggregate amount contributed by such Member to the Company pursuant to Section 3.1(a) and Section 3.1(b) hereof over the aggregate amounts previously distributed to such Member pursuant to Section 4.5.

ARTICLE 2

FORMATION

Section 2.1 Formation. The Company was formed as a limited liability company under the Act by the filing of its articles of organization with the Secretary of State of the State of New York on _____ By executing this Agreement, the parties are becoming Members, all upon the terms and subject to the conditions set forth in this Agreement.

Section 2.2 Name of the Company. The name of the Company is BK CORNERS LLC. The Company shall conduct its business under such name, or under any assumed, fictitious or other name permitted by law to which the Manager may determine. The Manager shall notify the other Members of any other name under which the Company conducts business.

Section 2.3 Places of Business. The principal place of business of the Company shall be located at 49 Box Street, Brooklyn, New York 11222, or at such other place to which the Manager may determine. The Manager shall notify the other Members of any change to the Company's principal place of business or additional locations.

Section 2.4 Purpose. The purpose of the Company is to engage in the Business.

ARTICLE 3

CAPITALIZATION

Section 3.1 Capital Contributions.

(a) On or before the Closing, the Members shall contribute to the Company, in either cash or in kind property, the amount set forth opposite his or its name on Schedule A hereto.

(b) If at any time the Company shall not have sufficient funds to pay any Expenditure, the Manager may request the Consent of the Members, who if such Consent is given, shall promptly demand such shortfall from the Members in respect of the proportionate shares as set forth on Schedule A (the "Additional Contribution Notice"). Each of such Members shall contribute to the Company in cash their Percentage of the shortfall requested within 30 days after the Manager's demand therefor. If any Member fails to make any contribution demanded therefrom under this Section 3.1(b), then any Member may make contributions sufficient to cover such shortfall. The non-paying Member shall be deemed to have transferred its Interest to the paying Members pro rata in accordance with the contributions made by such paying Members. It is expressly agreed that the non-paying Member's Interest will result in dilution of such non-paying Member's Percentage.

Section 3.2 Capital Accounts.

(a) A separate Capital Account shall be established and maintained for each Member in accordance with Treasury Regulation §1.704-1(b). A Member's Capital Account shall reflect the cash initially contributed to the Company's capital by such Member in accordance with Section 3.1(a) and shall be: (i) increased by (A) the amount of Profit and Capital Gain allocable to such Member and any income or gain specially allocated to such Member, (B) any cash and the fair market value of any property (net of any liabilities secured by such property that the Company assumes or takes subject to) hereafter contributed to the capital of the Company by such Member, and (C) in the case property is distributed in kind, the amount of gain, if any, which would have been allocated to such Member if the property had been sold by the Company for its fair market value on the date of distribution; and (ii) decreased by (A) the amount of Loss and Capital Loss allocable to such Member and any losses or deductions specially allocated to such Member, (B) the amount of cash and the fair market value of any property (net of any liabilities secured by such property that such Member assumes or takes subject to) distributed to such Member, and (C) in the case property is distributed in kind, the amount of loss, if any, that would have been allocated to such Member if the property had been sold by the Company for its fair market value on the date of distribution.

(b) In the event of a Transfer by a Member of all or a part of his Interest in accordance with this Agreement, a proportionate amount of the Capital Account and Percentage of the transferor shall be transferred to such transferee.

(c) The Manager with the Consent of the Members may adjust the Capital Accounts to reflect a revaluation of the Company's property on the Company's books in accordance with Treasury Regulation §1.704-1(b)(2)(iv)(f) under the circumstances described therein.

(d) The provisions of this Agreement are intended to comply with Treasury Regulation §1.704-1(b) and -2 and Temporary Treasury Regulation §1.704-1T(b) and shall be interpreted and applied in a manner consistent with such regulations. The Members may amend this Agreement (including without limitation to modify the manner in which Capital Accounts are maintained) in order to comply with such regulations (as they are currently in effect or may subsequently be amended).

Section 3.3 Other Matters Relating to Capital.

(a) No Member shall be entitled to withdraw any part of its contribution to the capital of the Company, except as expressly provided herein in connection with his withdrawal as a Member or the liquidation of the Company pursuant to this Agreement.

(b) No Member shall be liable for the return of any other Member's capital contribution; any such return of capital shall be made solely from the assets of the Company available therefor.

(c) Except as otherwise expressly provided herein in Section 3.1(c), no interest shall accrue for the benefit of, or be paid to, any Member on contributions to the capital of the Company.

Section 3.4 Interests. An Interest is personal property. A Member has no right to, interest in, or claim against any specific property of the Company by reason of his Interest.

ARTICLE 4

ALLOCATIONS AND DISTRIBUTIONS

Section 4.1 Allocations of Profits and Losses:

(a) The Profits and the Losses for each Fiscal Year shall be allocated to each Member in identical ratios as the distributions made to the Members in that same Fiscal Year in proportion to the Percentages allocated to the Members.

(b) Notwithstanding anything to the contrary contained in this Agreement:

(1) Allocations Causing Negative Capital Accounts. No allocations of a loss shall be made to a Member to the extent that such allocations would create or increase a negative balance in that Member's Capital Account if such negative balance exceeds any amount that such Member is obligated to restore, including any amount the Member is deemed to be obligated to restore under the penultimate sentences of Treasury Regulations § 1.704-2(g)(1) and 1.704-2(i)(5).

(2) Qualified Income Offset. Any Member who unexpectedly receives an adjustment, allocation, or distribution described in Treasury Regulation § 1.704-

1(b)(2)(ii)(d)(4), (5) or (6), shall be specially allocated (1) items of income, and (2) items of gain (in that order) in an amount and manner sufficient to eliminate or reduce the deficit balance in that Member's Capital Account, to the extent required by the Treasury Regulations as quickly as reasonably possible. This provision is intended to comply with the qualified income offset requirement of Treasury Regulation § 1.704-1(b)(2)(ii)(d) and shall be interpreted consistently therewith.

(3) Minimum Gain Chargeback. If there is a net decrease in the Company's Minimum Gain (as defined in Sections 1.704-2(b) and 1.704-2(d) of the Treasury Regulations) during a taxable year of the Company, each Member shall be allocated items of the Company's income and gain for such year (and, if necessary, succeeding years) in an amount equal to such Member's share of the net decrease in the Company's Minimum Gain. This provision is intended to comply with the minimum gain chargeback requirement in Treasury Regulation § 1.704-2(f) and shall be interpreted consistently therewith.

(4) Priorities. For purposes of determining a Member's Capital Account balance under this Section only, distributions made prior to or contemporaneously with any allocation to a Member shall be reflected in such Member's Capital Account prior to making such allocation to such Member. In addition, for purposes of this Section only, a Member's Capital Account shall be reduced for: (A) allocations of losses which, as of the end of each year, are reasonably expected to be allocated to such Member, pursuant to Code § 706(d) and Treasury Regulation § 1.751-1(b)(2)(ii), and (B) distributions that, as of the end of such year, reasonably are expected to be made to such Member, to the extent that they exceed offsetting increases to such Member's Capital Account that reasonably are expected to occur during (or prior to) the Company's taxable year in which such distributions reasonably are expected to be made (other than increases pursuant to the minimum gain chargeback), and (C) any other items as may be required by Treasury Regulation § 1.704-1(b).

(c) In accordance with Code § 704(c) and the regulations thereunder, income, gain, loss and deduction with respect to any property contributed to the capital of the Company shall, solely for tax purposes, be allocated among the Members so as to take account of any variation between the adjusted basis of such property to the Company for federal income tax purposes and the gross fair market value of such property at the time of the contribution. Any elections or other decisions relating to such allocations shall be made by the Manager in any manner that reasonably reflects the purpose and intention of this Agreement.

Section 4.2 Offset. The Company may offset all amounts owing to the Company by a Member against any Distribution to be made to such Member.

Section 4.3 Distributions.

(a) In the absence of a Capital Transaction:

(1) first, to the payment by the Company of its outstanding and unpaid Operating Expenses relating to the Property; and

(2) second, to the Members, pro rata in accordance with each Member's respective Percentages.

(b) During the Term of this Agreement, the Manager shall make Distributions from the proceeds of a Capital Transaction, from time to time, in accordance with the following order of priority:

(1) first, to the payment by the Company of its outstanding and unpaid Operating Expenses relating to the Property;

(2) second, to the repayment of Carrying Costs;

(3) third, to the payment of the Advance Interest to any Member for such Member's Advances;

(4) fourth, to the payment of Advances made by any Member for repayment for any Advances; and

(5) fifth, to the Members, pro-rata in accordance with each Member's respective Percentages.

Section 4.4 Interest on and Return of Capital Contributions. No Member shall be entitled to interest on his, her or its capital contribution or to a return of his, her or its capital contribution, except as specifically set forth in this Agreement.

Section 4.5 Accounting Period. The accounting period of the Company shall be the Fiscal Year.

ARTICLE 5

FISCAL MATTERS

Section 5.1 Partnership Representative. The Manager shall be the "partnership representative" of the Company within the meaning of the Code.

Section 5.2 Tax Returns. The Manager, at the expense of the Company, shall prepare and file, or shall cause to be prepared and filed, all federal and any required state, local and foreign income and other tax returns for the Company for each Fiscal Year, and, in connection therewith, may make any available or necessary elections or determinations.

Section 5.3 Fiscal Year and Other Elections. The Fiscal Year shall end on December 31 of each year or such other date as the Manager may select pursuant to applicable law. All other accounting decisions and elections required or permitted to be made by the Company for tax purposes under applicable law shall be made by the Manager.

Section 5.4 Books and Records. The Manager shall maintain or cause to be maintained at the Company's principal place of business complete and accurate books and records of the assets, business and affairs of the Company, including without limitation:

(a) a current list of the Members, setting forth in alphabetical order the full name, last known mailing address, capital contribution and fractional Interest of each;

(b) a copy of the Company's Articles of Organization and all amendments thereto and restatements thereof, together with an executed copy of any power of attorney pursuant to which any Articles or certificate, or amendment thereto or restatement thereof, is executed;

(c) a copy of this Agreement; and

(d) a copy of the Company's income tax and information returns and reports, if any, for each of the three most recently ended Fiscal Years.

(e) Each Member's accountants shall have full access to any books and records of the Company.

Section 5.5 Reports to Members.

(a) As soon as practicable after the end of each Fiscal Year, the Company shall distribute to each Member:

(1) a copy of its Schedule K-1 to the Partnership Tax Return (Form 1065); and

(2) a copy of its financial statement, including a balance sheet as of the end of such Fiscal Year and an income statement for the Fiscal Year then ended,.

(b) Each Member may, for any purpose reasonably related to such Member's Interest, at such Member's own expense, upon reasonable prior notice to the Manager, inspect and copy, during the normal business hours of the Company, any records or information maintained by the Company, including without limitation the records and information required to be maintained pursuant to Section 5.4 and the Company's financial statements, if any, for each of the three most recently ended Fiscal Years.

(c) Each Member's accountants shall have full access to any books and records of the Company.

ARTICLE 6

ADMINISTRATION

Section 6.1 Management of the Company.

(a) Except as otherwise expressly provided in this Agreement or by applicable law, the Manager shall have the exclusive right, power and authority to manage the assets, properties, business and affairs of the Company, with all rights and powers and the full authority necessary, desirable or convenient to administer and operate the same for Company purposes, to incur, perform, satisfy and compromise all manner of obligations on behalf of the Company, and to make all decisions and do all things necessary or desirable in connection therewith. For the avoidance of doubt, no consent of Members is required hereunder so long as Marshall Kesten is the Manager; so long as Marshall Kesten is the Manager, the Manager has full authority to transact any and all business on behalf of the Company. If Marshall Kesten is unable or unwilling to serve as Manager, then, in such event, the Consent of the Members is needed to select a replacement Manager.

(b) Without limiting the generality of Section 6.1(a) above, or any other term or provision of this Agreement and except as otherwise prohibited or limited by the provisions of this Agreement or applicable law, the Manager, acting together, shall have the exclusive right, power and authority to, directly or indirectly, take or omit whatever action for Company purposes that the Manager may, in their sole discretion, deem necessary or desirable to carry out the Company's purposes including, but not limited to, the right, power and authority:

(1) to pay or otherwise satisfy, perform or compromise any and all of the Company's administrative, interest, operating and other expenses, capital expenditures, indebtedness and other liabilities and obligations;

(2) subject to Section 6.1(e) of this Agreement, to employ, retain or otherwise secure the services of various persons (including the Manager and his Affiliates and other Members), or to enter into contracts or other arrangements with them, and to delegate one or more of its rights, powers and obligations under this Agreement and applicable law to one or more of them; provided, if the value of a contract is in excess of $15,000.00 or if Consent is otherwise required under Section 6.5(b) the Consent of the Members will be required;

(3) to sell, assign, exchange, mortgage, pledge or otherwise transfer or encumber one or more of the Company's assets and properties;

(4) to perform other obligations and make the determinations provided elsewhere in this Agreement to be performed by the Manager;

(5) to mortgage one or more of the Company's assets or properties.

(c) The Manager shall be responsible for all aspects of maintenance and improvements of the Property (other than the responsibility of the cost thereof except as otherwise provided herein) in order to comply with all applicable laws, regulations and municipal ordinances and to enhance the Property's fair market value including, without limitation, (i) the implementation of all improvements on the Property that are necessary such that the Property shall (A) have such leasing marketability as like properties in Westchester County, New York and the surrounding markets and (B) be maintained in good repair, working order and condition, (ii) all necessary repairs, replacements, alterations and improvements of the Property and (iii) the inspecting, keeping, maintaining, repairing and replacing of the interior, exterior, structural and nonstructural improvements, alterations and other components on the Premises so as to keep all such improvements, alterations and other components in reasonably good repair subject to ordinary wear and tear and in safe condition.

(d) With respect to all of his duties hereunder, the Manager shall (1) perform his services in such capacity diligently and faithfully for the benefit of the Company in substantially the same manner as the Manager perform their duties with respect to other properties owned by the Manager, (2) perform such services in accordance with all applicable policies and practices of the Company, and (3) devote such portion of his business time and attention to the Business and affairs of the Company as he deems necessary to carry out his duties hereunder.

(e) Any transaction between the Company and the Manager, Members or any Affiliate of the Manager or a Member shall be at arm's length, and any payment to the Manager, Members or its Affiliate for services rendered or property transferred to the Company shall not exceed the prevailing rate in the area for comparable items; provided, however, if the Manager shall employ, retain or otherwise secure the services of himself or any of his Affiliates with respect to the administration or operation of the Business, no such Manager shall be entitled to any compensation or remuneration other than the reimbursement of such Manager's direct costs and out-of-pocket expenses; and provided, further, however, neither the Manager nor any of his or its Affiliates shall be entitled to receive any leasing commission, management fee or other brokerage commission with respect to any lease, sale, assignment or transfer of the Property or any part thereof or any fee with respect to the implementation of the Manager's responsibilities hereunder.

Section 6.2 Required Consent. If, as and when Marshall Kesten is no longer the Manager, without the Consent of the Members, the Manager shall not:

(a) except as provided in Section 3.1 hereof, call for or permit to be made any capital contribution or investment in the Company;

(b) adopt, amend, restate or revoke the Articles of Organization of the Company or this Agreement;

(c) except as otherwise provided in Section 9.1 hereof, dissolve, liquidate or wind up its Business and affairs;

(d) except as provided in Section 6.1(b)(3) and (5) hereof, sell, assign, exchange, mortgage, pledge or otherwise transfer or encumber, in any transaction or group of related transactions, the Property;

(e) merge or consolidate with or into another Person or enter into any business combination, partnership or joint venture, or acquire or dispose of all or any interest in any other Person;

(f) adjust, compromise, settle, abandon or refer to arbitration any suit, proceeding, dispute or claim in favor of or against the Company, and institute, prosecute and defend any legal action or proceeding or any arbitration proceeding other than landlord and tenant or tax certiorari proceedings;

(g) confess a judgment against the Company; or

(h) take any action which would cause the Company to be taxed as an association taxable as a corporation for income tax purposes.

Section 6.3 Manager.

(a) Marshall Kesten shall be the initial Manager. In the event of the death, removal, resignation or Disability (as defined below) of both of the initial Manager, a new Manager shall be chosen by the Consent of the Members.

(b) For purposes of this Section 6.3, a person shall be considered Disabled if the person because of physical or mental illness or incapacity, shall become substantially unable to perform the duties and services required of him under this Agreement for a period of 90 consecutive days or 180 days in any 365-day period as determined by a physician selected by the Consent of the Members.

(c) A Manager may resign at any time by giving at least 30 days' written notice of such resignation to the other Members.

Section 6.4 Standard of Care.

(a) In acting on behalf of the Company, each Member shall act in good faith and with that degree of care that an ordinarily prudent person in a like position would use under similar circumstances.

(b) In performing its duties, a Member shall be entitled to rely on information, opinions, reports or statements, including financial statements and other financial data, in each case prepared or presented by:

(1) one or more agents or employees of the Company;

(2) counsel, public accountants, business, investment or financial consultants or advisors, or other persons as to matters that it believes to be within such person's professional or expert competence; or

(3) another Member duly designated in accordance with this Agreement, as to matters within his designated authority; which the Member believes to merit confidence, so long as in so relying the Member shall be acting in good faith and with such degree of care, but a Member shall not be considered to be acting in good faith if he has knowledge concerning the matter in question that would cause such reliance to be unwarranted.

(c) A Member who performs his duties in accordance with this Section 6.3 shall have no liability by reason of being or having been a Member or acting on behalf of the Company pursuant to the provisions and authority of this Agreement.

Section 6.5 Interested Members.

(a) Except as otherwise provided herein, a Member may lend money to, borrow money from, guarantee or act as a surety for, provide collateral for an obligation of and transact other business with, the Company and, subject to Section 6.5(b) and any applicable law, shall have the same rights and obligations with respect thereto as a person who is not a Member.

(b) No contract or other transaction between or among the Company and one or more of its Members or any Affiliate of a Member or any other person in which one or more of the Members are partners, members, Manager, directors or officers, or have a substantial financial interest, shall be either void or voidable for this reason alone or by reason alone that such Member is present at the meeting of the Members which approves such contract or transaction, or that its consent was given for such contract or transaction, if the material facts as to such Member's interest in such contract or transaction and as to any such common partnership, membership, managership, directorship, officership or financial interest are disclosed in good faith or known to the Manager, and the Manager consents to such contract or transaction, and if any other Member's consent is required by any other provision of this Agreement to such contract or transaction, such information is disclosed to such Member and such Member also consents to such contract or transaction.

(c) If such good faith disclosure of the material facts as to the Member's interest in the contract or transaction and as to any such common partnership, membership, managership, directorship, officership or financial interest is made to the Members, or known to the Manager and the Manager consents to such contract or transaction, as provided in Section 6.5(b), the contract or transaction may not be avoided by the Company for the reasons set forth in such Section. If there was no such disclosure or knowledge, the Company may avoid the contract or transaction, unless the party or parties thereto shall establish affirmatively that the contract or transaction was fair and reasonable as to the Company at the time it was approved by the Manager.

Section 6.6 Limitation of Liability. No Member or Manager shall be liable to the Company or any other Member or Manager for any loss, damage, liability or expense ("Liability") suffered or incurred by any person on account of, or by reason of any claim based on or arising from, any act taken or omitted to be taken in the course of representing or performing services for the Company or otherwise in its capacity as a Member or Manager, including without limitation its appointment or retention of, or reliance upon, any employee or agent of the Company or any person referred to in Section 6.5(b), notwithstanding any negligence, fraud or willful misconduct by such employee, agent or person, except to the extent that a judgment or other final adjudication adverse to it establishes that its acts or omissions (a) were in violation of any provision of this Agreement, (b) were in bad faith, (c) involved intentional misconduct or a knowing violation of law, (d) that the Member personally gained in fact a financial profit or other advantage to which he was not legally entitled, or (e) that with respect to a distribution in violation of Section 508(a) of the Act its acts were not performed in accordance with Section 6.4.

Section 6.7 Indemnification. The Company shall indemnify each Member in his capacity as a Member or a Manager, and their respective legal representatives, successors and assigns, and hold each of them harmless from and against any Liability suffered or incurred by such Member or Manager, as such, or any of them in the course of serving in any office of, or otherwise representing (within the scope of its authority) or acting for or on behalf of the Company, except to the extent that a judgment or other final adjudication adverse to such Member, Manager or other person establishes (a) that the Member's or Manager's acts were committed in bad faith or were the result of active and deliberate dishonesty and were material to the cause of action so adjudicated or (b) that he personally gained in fact a financial profit or other advantage to which he was not legally entitled; provided, however, that, any other provision hereof notwithstanding, any such indemnification shall be solely from the net assets of the Company, and no Member shall be required to make any capital contribution or otherwise pay any amount from its own assets as a result thereof. The Company may procure insurance in such amounts and covering such risks as may be deemed appropriate by the consent of the Manager and the Consent of the Members to fund any indemnification required or permitted to be made hereunder.

Section 6.8 Trade Secrets. Each Member shall hold in a fiduciary capacity for the benefit of the Company all information relating to or concerned with its Business and affairs, and it shall not, at any time after the date hereof, use or disclose to any person any such information, except as may be necessary or appropriate in connection with the Business and affairs of the Company.

Section 6.9 Bank Accounts. The Company shall maintain one or more accounts, including checking, cash management and/or money market accounts, in such banks or other financial institutions as the Manager may select. All amounts deposited by or on behalf of the Company in those accounts shall be and remain the property of the Company. Withdrawals from such accounts shall be made by the signature of the Manager or person designated by them. No funds of the Company shall be kept in any account other than a Company account, and funds of the Company shall not be commingled with the funds of any other person. No Member shall

apply, or permit any other person to apply, such funds in any manner, except for the benefit of the Company.

Section 6.10 Other Activities of Members. Each Member may engage or participate in any other activities indicated to any employment, occupation, business venture or enterprise. Except as otherwise agreed between or among them, none of the Company nor any other Member shall be entitled to participate or otherwise have any interest in such other employment, occupation, business venture or enterprise.

ARTICLE 7

MEETINGS OF MEMBERS

Section 7.1 Meetings of Members.

(a) Members' meetings may be called by the Manager or Members owning at least the required Percentages to constitute a quorum pursuant to Section 7.1(b) hereof upon prior written notice to each of the other Members, when any action requiring Consent is to be taken or when it is otherwise deemed to be in the best interest of the Company. Meetings shall be held at the office of the Company or at such other place as shall be determined by the Manager with the Consent of the Members. The parties shall endeavor to have meetings on nights or weekends. Telephone conferences and/or video conferences are hereby expressly permitted in lieu of meetings.

(b) The presence of Members who own sufficient Interests to give the required Consent shall constitute a quorum at any meeting of Members if the purpose of such meeting is to obtain the Consent of the Members to act (and the presence of the Manager if the Manager's consent is also required). Once a quorum is present at a meeting, any action properly taken at the meeting remains valid and effective, notwithstanding the subsequent withdrawal of any Member from the meeting. If a quorum does not appear at a meeting, the Members present may adjourn the meeting despite the absence of a quorum.

(c) Whenever under this Agreement Members are required or permitted to take any action by vote, such action may be taken without a meeting, without prior notice and without a vote, if an instrument or instruments setting forth the action so taken shall be signed by all the Members and delivered by hand or by certified or registered mail, return receipt requested, to the office of the Company, its principal place of business or an officer, employee or agent of the Company having custody of the records of the Company. Every such instrument shall bear the date of signature of each Member who signs such instrument, and no such instrument shall be effective to take the action referred to therein unless, within 60 days of the earliest dated such instrument delivered in the manner required by this Section to the Company, instruments signed by all the Members are delivered to the office of the Company, its principal place of business or an officer, employee or agent of the Company having custody of the records of the Company.

Section 7.2 Participation in Meetings.

(a) A Member may appear and vote at a meeting in person or by proxy. Any proxy shall be dated and signed by the Member (or his attorney-in-fact) and shall remain effective until revoked. Any such proxy may be revoked at any time, such revocation to be effective upon the presentation of a later-dated proxy or written notice of revocation given to the Company.

(b) Members may participate in a meeting by means of a conference telephone or similar communication equipment by means of which all persons participating in the meeting can hear each other simultaneously and such participation in a meeting shall constitute presence in person at such meeting.

Section 7.3 Notice of Meeting.

(a) Written notice shall be given stating the place, date and hour of the meeting, indicating that it is being issued by or at the direction of the person calling the meeting and, in the case of a special meeting, stating the purpose or purposes for which the meeting is called. An affidavit of a person giving the notice that the notice required by this Section has been given shall, in the absence of fraud, be prima facie evidence of the facts therein stated. When a meeting is adjourned to another time or place, it shall not be necessary to give any notice of the adjourned meeting if the time and place to which the meeting is adjourned are announced at the meeting at which the adjournment is taken, and at the adjourned meeting any business may be transacted that might have been transaction at the original date of the meeting. Notwithstanding the foregoing, if a meeting of Members is adjourned because of a failure to obtain a quorum, written notice of the time and place of the adjourned meeting stating that the original meeting had to be adjourned due to the absence of a quorum shall be sent to each Member at least 10 days before the date scheduled for the adjourned meeting.

(b) Notice of meeting need not be given to any Member who submits a signed waiver of notice, in person or by proxy, whether before or after the meeting. The attendance of any Member at a meeting, in person or by proxy, without protesting prior to the conclusion of the meeting the lack of notice of such meeting, shall constitute a waiver of notice by it.

ARTICLE 8

TRANSFERS

Section 8.1 Transfers Prohibited.

(a) Except as provided in Sections 8.2 hereof, no Member may withdraw from the Company or sell, assign, exchange, give, or otherwise voluntarily or involuntarily transfer or dispose of, pledge, hypothecate, grant a security interest in, or otherwise, voluntarily or involuntarily, encumber (collectively, "Transfer") any Interest in the Company, without the prior written consent of the Manager and the Consent of the Members, each of which consents may be

withheld in their sole discretion. In the event of such a Transfer, the transferee shall become a Member only if the admission of the transferee as a Member shall be approved by the Consent of the Members, each of which consent may be withheld in such Person's sole discretion, and such transferee accepts and agrees to be bound by this Agreement by executing a counterpart hereof, expressly assumes all of the obligations of the transferor hereunder and executes and delivers such other agreements, instruments, certificates, affidavits, opinions of counsel and other documents as the Manager may reasonably require in order to admit such new Member. Any purported Transfer in violation of this Agreement shall be void *ab initio* and shall not bind the Company.

(b) Notwithstanding anything herein to the contrary (including Section 8.2 hereof), a Transfer of an Interest may not be made if (i) such Transfer would violate applicable securities or "blue sky" law, (ii) the transferee is a minor or incompetent or (iii) without the Consent of the Members, if required (which shall not unreasonably be withheld), such Transfer cause a termination of the Company pursuant to Section 708(b)(1)(B) of the Code.

Section 8.2 Permitted Transfers.

(a) Notwithstanding anything to the contrary contained in Section 8.1(a) hereof, any Member may cause the Transfer of his Interest or to the extent a Member is an entity and such entity is dissolved, the ownership of such entity may be transferred, in whole or in part, to members of his immediate family, which shall be his parents, siblings, spouse and children and grandchildren or a trust solely for their benefit and upon his death to the representatives of his estate and the beneficiaries thereof. In any such case, subject to (b) below, such transferee shall be admitted as a Member.

(b) A permitted Transfer of an Interest shall not dissolve the Company or entitle a transferee who is not admitted as a Member hereunder to participate in the management and affairs of the Company or to become, or to exercise any rights or powers of a Member. The only effect of a permitted Transfer, unless the transferee is admitted as a Member, is to entitle the transferee to receive, to the extent Transferred, the distributions of Net Cash Flow and Net Capital Proceeds and allocations of Profit, Loss, Capital Gain, Capital Loss and special allocations to which the transferor would be entitled. Until the transferee becomes a Member, the transferee shall have no liability as a Member solely as a result of such Transfer. The other Member shall not unreasonably withhold, condition or delay its Consent to the admission of a person who is other the assignee of a permitted Transfer.

ARTICLE 9

DISSOLUTION AND LIQUIDATION

Section 9.1 Dissolution. Subject to the provisions of applicable law, the Company shall be dissolved upon the first of the following events to occur:

(a) the bankruptcy, incapacity, dissolution or withdrawal of the Manager, unless within 90 days after such event the remaining Members Consent to continue the Company;

(b) the sale or other disposition of all or substantially all of the Company's assets, or

(c) the Consent of the Members and the consent of the Manager.

Section 9.2 Liquidation.

(a) Upon a dissolution of the Company, the Liquidating Member shall take or cause to be taken a full account of the Company's assets, properties, indebtedness and liabilities as of the date of such dissolution and shall proceed with reasonable promptness to liquidate the Company's assets and properties and to terminate its Business and affairs. The Company's property, or the proceeds from the liquidation thereof, shall be applied in cash or in kind in the following order:

(1) to the payment of all liabilities and obligations of the Company, including expenses of the liquidation and obligations and liabilities to the Members (other than on account of their Capital Accounts or liabilities for distributions under applicable law);

(2) to the establishment of such reserves for contingent liabilities of the Company as are deemed necessary or desirable by the Liquidating Member; provided, however, that such reserves shall be deposited in escrow with a bank for the purpose of disbursing such reserves for the payment of such contingent liabilities and, at the expiration of such period as the Liquidating Member may reasonably deem advisable, for the purpose of distributing the remaining balance in accordance with subparagraph (3) below; and

(3) to the Members, to be divided among them in accordance with their respective Capital Account balances.

(b) The Liquidating Member shall be allowed a reasonable time for the orderly liquidation of the Company's assets and properties and the discharge of indebtedness and other liabilities to creditors, so as to preserve and, upon disposition, maximize the value of the Company's assets and properties.

Section 9.3 Fiscal Year of Termination. Upon the liquidation of the Company (or any Member's Interest) within the meaning of Treasury Regulation §1.704-1(b)(2)(ii)(g), the liquidating distributions shall be made, if practicable, on or before the close of the Fiscal Year in which the liquidation occurs, and, in any event, within 90 days after the date of such liquidation. In the case of the liquidation of the Company, such distribution may be made to a trust established for the benefit of the Members for purposes of liquidating Company assets, collecting amounts owed to the Company, paying any indebtedness and other liabilities of the Company

and distributing the remaining amounts to the Members in the same amounts as would have been distributed by the Company without regard to the trust.

Section 9.4 Continuing Liabilities and Other Obligations. Except as otherwise expressly provided herein, no reconstitution, dissolution, liquidation or termination of the Company shall relieve, release or otherwise discharge any Member, or any of that Member's successors, assigns, heirs or legal representatives, from any previous breach or default of, or any obligation or other liability theretofore incurred or accrued under, any provision of this Agreement or applicable law, and any and all liabilities, claims, demands or causes of action arising from any such breaches, defaults, obligations and liabilities shall survive any such reconstitution, dissolution, liquidation or termination.

Section 9.5 Final Statement. As soon as practicable after the dissolution of the Company, the Liquidating Member shall cause a statement of the Company's assets and liabilities to be prepared as of the date of such dissolution and furnished to the Members.

ARTICLE 10

MISCELLANEOUS

Section 10.1 Fees and Expenses. All fees and expenses, including without limitation attorney's fees and expenses, incurred in connection with the initial organization of the Company and the preparation of this Agreement shall be borne by the Company; provided, however, that each Member shall bear his own fees and expenses in connection with reviewing this Agreement.

Section 10.2 Notices. Except as otherwise expressly provided herein, any notice or demand required or permitted to be given or made hereunder shall be in writing and signed by the maker, and shall be deemed to have been given or made for all purposes if sent by (a) messenger or an overnight courier service against receipt, or (b) certified or registered mail, postage paid, return receipt requested, or (c) sent by telegram, telecopy, telex or similar electronic means, provided that a written copy thereof is sent on the same day by postage paid first-class mail, in each case, to the Member at his address set forth on Exhibit 2, or such other address or fax number as any Member may from time to time direct by notice given to the other Members in accordance with this Section. The date of the giving or making of any such notice or demand shall be, in the case of notice given under clause (a), the date of the receipt; in the case of notice given under clause (b), five business days after such notice or demand is sent; and, in the case of clause (c), the business day next following the day that notice or demand is sent. The Members and Managers further agree to deliver to each other copies of any notices received from third parties and to request lenders and other significant third party relationships to deliver notice to each Member at the same time as notice to the Company, to the extent practicable.

Section 10.3 Amendment. This Agreement may be amended if such amendment is in writing and approved by the Manager and the Consent of the Members (if such Consent is required). Notwithstanding the foregoing, no amendment to this Agreement shall

materially and adversely affect any Member, change the allocation or distribution to any Member or make any Member personally liable for any obligation of the Company, without such Member's consent.

Section 10.4 Waiver. No course of dealing or omission or delay on the part of any party hereto in asserting or exercising any right hereunder shall constitute or operate as a waiver of any such right. No waiver of any provision hereof shall be effective, unless in writing and signed by or on behalf of the party to be charged therewith. No waiver shall be deemed a continuing waiver or waiver in respect of any other or subsequent breach or default, unless expressly so stated in writing.

Section 10.5 Governing Law. This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws of the State of New York without regard to choice or conflict of laws principles.

Section 10.6 Jurisdiction.

(a) Each of the parties hereto hereby irrevocably consents and submits to the exclusive jurisdiction of the Supreme Court of the State of New York and of the United States District Court for the Southern District of New York in connection with any suit, action or other proceeding arising out of or relating to this Agreement or the transactions contemplated hereby as the exclusive jurisdiction for such proceeding, waives any objection to venue in New York County or such District, and agrees that service of any summons, complaint, notice or other process relating to such suit, action or other proceeding may be effected in the manner provided by clause (b) of Section 10.2.

(b) In the event of any actual or prospective breach or default by any party, the other parties shall be entitled to equitable relief, including remedies in the nature of injunction and specific performance. In this regard, the parties acknowledge that they will be irreparably damaged in the event this Agreement is not specifically enforced, since (among other things) the interests in the Company are not readily marketable. Subject to this Section 10.6, all remedies hereunder are cumulative and not exclusive and nothing herein shall be deemed to prohibit or limit any party from pursuing any other remedy or relief available at law or in equity for any actual or prospective breach or default, including the recovery of money damages.

Section 10.7 Severability. The provisions hereof are severable and in the event that any provision of this Agreement shall be determined to be invalid or unenforceable in any respect by a court of competent jurisdiction, the remaining provisions hereof shall not be affected, but shall, subject to the discretion of such court, remain in full force and effect, and any invalid or unenforceable provision shall be deemed, without further action on the part of the parties hereto, amended and limited to the extent necessary to render such provision, as so amended and limited, valid and enforceable.

Section 10.8 Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, and which together shall constitute one and the same agreement.

Section 10.9 Further Assurances. Each party hereto covenants and agrees promptly to execute, deliver, file or record such agreements, instruments, certificates and other documents and to perform such other and further acts as the other parties hereto may reasonably request or as may otherwise be necessary or proper to consummate and perfect the transactions contemplated hereby.

Section 10.10 Assignment. Except as otherwise provided elsewhere herein, this Agreement, and each right, interest and obligation hereunder, may not be assigned by any party hereto without the prior written consent of each other party hereto. Any purported assignment without such consent shall be void and without effect.

Section 10.11 Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns. This Agreement is not intended, and shall not be deemed, to create or confer any right or interest for the benefit of any person not a party hereto.

Section 10.12 Titles and Captions. The titles and captions of the Articles and Sections of this Agreement are for convenience of reference only and do not in any way define or interpret the intent of the parties or modify or otherwise affect any of the provisions hereof.

Section 10.13 Grammatical Conventions. Whenever the context so requires, each pronoun or verb used herein shall be construed in the singular or the plural sense and each capitalized term defined herein and each pronoun used herein shall be construed in the masculine, feminine or neuter sense.

Section 10.14 References. The terms "herein," "hereto," "hereof," "hereby," and "hereunder," and other terms of similar import, refer to this Agreement as a whole, and not to any Section or other part hereof.

Section 10.15 No Presumptions. No party hereto is entitled to any presumption with respect to the interpretation of any provision hereof or the resolution of any alleged ambiguity herein based on any claim that another party hereto drafted or controlled the drafting of this Agreement.

Section 10.16 Entire Agreement. This Agreement embodies the entire agreement of the parties hereto with respect to the subject matter hereof and supersedes any prior agreement, commitment or arrangement relating thereto.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the Members, by their respective duly authorized officers, have duly executed and delivered this Agreement as of the date first above written.

COMPANY:

BK CORNERS LLC

By: _____
Name: Marshall Kesten
Title: Manager

MEMBERS:

Marshall Kesten LLC

By _____
Marshall Kesten
Manager

777 PARTNERS LLC

By _____
Marshall Kesten
Manager

SCHEDULE A

MEMBERS

Name and Address	Contribution	Percentage
Marshall Kesten LLC		75%
777 Partners LLC		25%

Print

Close

Payee	Amount	Deliver by	Additional items	
Commissioner of NYSDEC Check	$631.15	4/6/2021	**Confirmation #** **Check number** **From account** **Process** **Delivery** **Invoice/Comment**	2587 12571 HM MANAGEMENT LLC 3/30/2021 Standard

Site Code: C224315

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification requested:

☐ Amendment to modify the existing BCA: [check one or more boxes below]

- ☐ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in Name of applicant(s)

☐ Amendment to reflect a transfer of title to all or part of the brownfield site

1a. A copy of the recorded deed must be provided. Is this attached? ☐ Yes ☐ No

1b. ☐ Change in ownership ☐ Additional owner (such as a beneficial owner)

If yes, pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been previously submitted. If not, please submit this form with this Amendment. See http://www.dec.ny.gov/chemical/76250.html

☑ Amendment to modify description of the property(ies) listed in the existing Brownfield Cleanup Agreement [*Complete Sections I and V below and Part II*]

☐ Amendment to Expand or Reduce property boundaries of the property(ies) listed in the existing Brownfield Cleanup Agreement [*Complete Section I and V below and Part II*]

☐ **Sites in Bronx, Kings, New York, Queens, or Richmond counties ONLY:** Amendment to request determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit. Please answer questions on the supplement at the end of the form.

☐ Other (explain in detail below)

2. Required: Please provide a brief narrative on the nature of the amendment:

This Brownfield Cleanup Agreement ("BCA") Amendment Application is being submitted to modify the BCA to reflect a lot merger of the Site parcels (Block 2513 Lots 5, 6 and 8) into Lot 6 and a change of address for the Site to 170 Freeman Street, Brooklyn, NY 11222.

Please refer to the attached instructions for guidance on filling out this application

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment involves a non-insignificant change in acreage, applicants are encouraged to consult with the DEC project team prior to submitting this application.

Section I. Current Agreement Information		
BCP SITE NAME: 1036 Manhattan Ave BCP Site		BCP SITE NUMBER: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC		
INDEX NUMBER OF AGREEMENT: C224315-03-21		DATE OF ORIGINAL AGREEMENT: 4/9/2021

Section II. New Requestor Information (complete only if adding new requestor or name has changed)

NAME		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

1. Is the requestor authorized to conduct business in New York State (NYS)? ☐ Yes ☐ No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's (DOS) Corporation & Business Entity Database. A print-out of entity information from the DOS database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.

NAME OF NEW REQUESTOR'S REPRESENTATIVE		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
NAME OF NEW REQUESTOR'S CONSULTANT (if applicable)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
NAME OF NEW REQUESTOR'S ATTORNEY (if applicable)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

2. Requestor must submit proof that the party signing this Application and Amendment has the authority to bind the Requestor. This would be documentation from corporate organizational papers, which are updated, showing the authority to bind the corporation, or a Corporate Resolution showing the same, or an Operating Agreement or Resolution for an LLC. Is this proof attached? ☐ Yes ☐ No

3. Describe Requestor's Relationship to Existing Applicant:

Section III. Current Property Owner/Operator Information (only include if new owner/operator) **Owner below is: ☐ Existing Applicant ☐ New Applicant ☐ Non-Applicant**		
OWNER'S NAME (if different from requestor)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from requestor or owner)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

Section IV. Eligibility Information for New Requestor (Please refer to ECL § 27-1407 for more detail)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐Yes ☐No

2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site? ☐Yes ☐No

3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐Yes ☐No
   Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.

4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the subject law; ii) any order or determination; iii) any regulation implementing ECL Article 27 Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment. ☐Yes ☐No

5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as name, address, Department assigned site number, the reason for denial, and other relevant information. ☐Yes ☐No

6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? ☐Yes ☐No

7. Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state? ☐Yes ☐No

8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department? ☐Yes ☐No

9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐Yes ☐No

10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order? ☐Yes ☐No

11. Are there any unregistered bulk storage tanks on-site which require registration? ☐Yes ☐No

THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL §27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☐ VOLUNTEER
A requestor who either 1) was the owner of the site at the time of the disposal of contamination or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste. **If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.**

12. Requestor's Relationship to Property (check one):

☐ Prior Owner ☐ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

13. If requestor is not the current site owner, **proof of site access sufficient to complete the remediation must be submitted**. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site Is this proof attached? ☐ Yes ☐ No

Note: a purchase contract does not suffice as proof of access.

Section V. Property description and description of changes/additions/reductions (if applicable)

1. Property information on current agreement:

ADDRESS 1032 and 1036-1038 Manhattan Avenue

CITY/TOWN Brooklyn ZIP CODE 11222

TAX BLOCK AND LOT (SBL) TOTAL ACREAGE OF CURRENT SITE: 0.229

Parcel Address	Section No.	Block No.	Lot No.	Acreage
1032 Manhattan Avenue	3	2513	5	0.057
1036 Manhattan Avenue	3	2513	6	0.057
1038 Manhattan Avenue	3	2513	8	0.115

2. Check appropriate boxes below:

☐ Addition of property (may require additional citizen participation depending on the nature of the expansion – see attached instructions)

2a. PARCELS ADDED:

Parcel Address	Section No.	Block No.	Lot No.	Acreage Added by Parcel

Total acreage to be added: _____

☐ Reduction of property

2b. PARCELS REMOVED:

Parcel Address	Section No.	Block No.	Lot No.	Acreage Removed by Parcel

Total acreage to be removed: _____

☑ Change to SBL (e.g. merge, subdivision, address change)

2c. NEW SBL INFORMATION:

Parcel Address	Section No.	Block No.	Lot No.	Acreage
170 Freeman Street	3	2513	6	0.229

If requesting to modify a metes and bounds description or requesting changes to the boundaries of a site, please attach a revised metes and bounds description, survey, or acceptable site map to this application.

3. TOTAL REVISED SITE ACREAGE: 0

Supplement to the Application To Amend Brownfield Cleanup Agreement And Amendment - Questions for Sites Seeking Tangible Property Credits in New York City ONLY.

Property is in Bronx, Kings, New York, Queens, or Richmond counties.	☐ Yes ☐ No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.	☐ Yes ☐ No

Please answer questions below and provide documentation necessary to support answers.

1. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information. ☐ Yes ☐ No

2. Is the property upside down as defined below? ☐ Yes ☐ No

From ECL 27-1405(31):

"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

3. Is the project an affordable housing project as defined below? ☐ Yes ☐ No

From 6 NYCRR 375- 3.2(a) as of August 12, 2016:

(a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' households annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for home owners at a defined maximum percentage of the area median income.

(3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT

Existing Agreement Information	
BCP SITE NAME: 1036 Manhattan Ave BCP Site	BCP SITE NUMBER: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	
EFFECTIVE DATE OF ORIGINAL AGREEMENT: 4/9/2021	

Declaration of Amendment:

By the Requestor(s) and/or Applicant(s) signatures below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from any obligations held under the Agreement or those same laws.

Statement of Certification and Signatures: **New Requestor(s) (if applicable)**

(Individual)

I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____Signature: _____

Print Name:_____

(Entity)

I hereby affirm that I am (title_____) of (entity_____); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.
_____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____Signature: _____

Print Name:_____

Statement of Certification and Signatures: **Existing Applicant(s) (an authorized representative of each applicant must sign)**

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date:_____ Signature:_____

Print Name:_____

(Entity)

I hereby affirm that I am Authorized Signatory (title) of BK Corners LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Jonathan Minkoff's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 10/14/2021 Signature: _____

Print Name: Jonathan Minkoff

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Please see the following page for submittal instructions.
NOTE: Applications submitted in fillable format will be rejected.

Status of Agreement:

☑ PARTICIPANT A requestor who either 1) was the owner of the site at the time of the disposal of contamination or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 4/9/2021

Signature by the Department:

DATED: 11/17/2021

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

By: _____

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

SUBMITTAL INFORMATION:

- **Two (2)** copies, one hard copy with original signatures and one electronic copy in final, non-fillable Portable Document Format (PDF) must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

- **NOTE: Applications submitted in fillable format will be rejected.**

FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE:_____ LEAD OFFICE:_____

PROJECT MANAGER:_____

BK CORNERS LLC AUTHORIZATION
TO COMPLETE REMEDIAL REQUIREMENTS

The undersigned, being all of the members of BK Corners LLC, a New York limited liability company (the "Company") hereby certify as of February 3, 2021, as follows and adopt the following resolutions and authorize the Company to authorize and direct Jonathan Minkoff (the "Authorized Signatory") to take the following actions on behalf of the Company:

WHEREAS, the Company desires to authorize the Authorized Signatory to undertake actions necessary to redevelop 1032, 1036, and 1038 Manhattan Avenue, Brooklyn, New York 11222; Block 2513, Lots 5, 6, and 8 (the "Property" or the "Site").

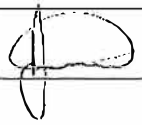
WHEREAS, in connection with the redevelopment of the Property, the Company has or will prepare and submit an application to participate in the New York State Brownfield Cleanup Program ("BCP") and, if accepted into the BCP, enter into a Brownfield Cleanup Agreement ("BCA"); file related documents with the New York State Department of Environmental Conservation ("DEC") to participate in the BCP; and undertake certain environmental remediation work related thereto consistent with applicable laws, regulations and guidance under the BCP (collectively referred to as the "Remedial Program Requirements");

NOW THEREFORE, BE IT

RESOLVED, the Authorized Signatory be, and hereby is, authorized and directed, in the name of and on behalf of the Company, to execute and to deliver all applications, documents and instruments required to effectuate the BCA (including execution of the BCA), and make any filings required to comply with the BCA consistent with the Remedial Program Requirements; and be it further;

RESOLVED, that this Authorization may be signed in any number of counterparts, including but not limited to electronic, and shall become effective as of the date herein below written when each person named below shall have signed a copy hereof; and

RESOLVED, The Authorized Signatory is authorized to bind the Company as an Authorized Signatory for the purposes set forth in this Authorization, the signature set forth opposite his name below is his actual signature:

Authorized Signatory	Signature
Jonathan Minkoff	

IN WITNESS WHEREOF, the undersigned have signed and sealed this Member Consent on February 3, 2021.

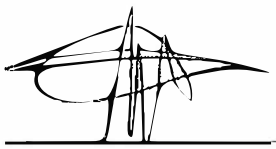
MEMBERS:

777 Partners LLC



By: Marshall Kesten

Marshall Kesten LLC



By: Marshall Kesten

NYC Finance

NYC Digital Tax Map

Effective Date : 07-09-2021 11:41:41
End Date : Current

Brooklyn Block: 2513



Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon

New York City Department of Finance ● Property Division ● Tax Map Office

APPLICATION FOR APPORTIONMENTS OR MERGERS

Instructions: Please complete this application and *submit in person* to: ***Department of Finance, Property Division - Tax Map Office, 66 John Street, 2nd floor,*** *New York, NY 10038.* Please read the instructions for further details before completing this form. Print clearly.

SECTION A: PROPERTY INFORMATION

Borough: BROOKLYN Block: 2513 Present Lot(s): 5, 6 & 8

DO NOT WRITE IN THIS SPACE - FOR OFFICE USE ONLY

Lot Number: 6

☒ Merger ❑ Apportionment Number of Lots Requested 1

❑ Air ❑ Subterranean

Lot(s)Usage: (check one)
❑ *Residential* Building Gross Sq/Ft:
❑ *Commercial* Building Gross Sq/Ft:
❑ *Mix* (Residential & Commercial) Building Gross Sq/Ft:

1. Property Owner's Name (as per Deed): (LAST NAME) (FIRST NAME)
   OR
   Company Name: BK CORNERS LLC
2. Property Address: 1036 MANHATTAN AVENUE (NUMBER AND STREET) BROOKLYN (CITY) NY (STATE) 11222 (ZIP CODE)
3. Filing Representative (if applicable): NATALIE KAMITSUKA/ALEX GALLO (WVA)

SECTION B: CERTIFICATION

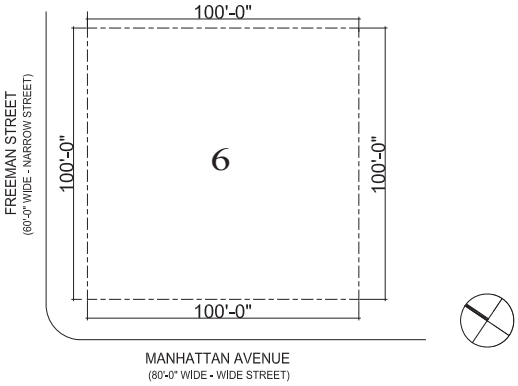
1. Architect/Engineer/Applicant's Name: CHADHA (LAST NAME) MANISH (FIRST NAME)
2. Address: 48 WEST 37TH STREET (NUMBER AND STREET) NEW YORK (CITY) NY (STATE) 10018 (ZIP CODE)
3. Telephone Number: 212.290.1444 4. Email Address: MCHADHA@ILARCH.COM

The applicant hereby certifies that, in making this application for merger/apportionment, s/he is the owner, or acting under the direction of the owner.

Signature of Architect/ Engineer/Applicant: _____ **Date:** ____/____/____

TAX MAP CHANGE WILL NOT BE MADE UNTIL PRESENTATION OF REQUIRED DOCUMENTS (see reverse for the required documents)

DRAW SKETCH TO SCALE 1" = 50', IF POSSIBLE INDICATE NORTH ARROW





(Architect or Engineer's seal)

Tentative Lot(s) issued:
Customer Service Representative: PB Date: 5/26/21 New Lot(s): --- Lot(s) Affected: 6 Lot(s) Dropped: 5, 8

Please note: Map changes will not be made until presentation of all required documents is reviewed and approved by the Specialist. Lots are tentative until final approval is received from the Tax Map Office.

Map Updated:
Tax Map Specialist: _____ Date: ____/____/____

(Filled out by Applicant)

BLOCK 2513

LOT 6

APPLICATION for STREET NUMBER(S)**

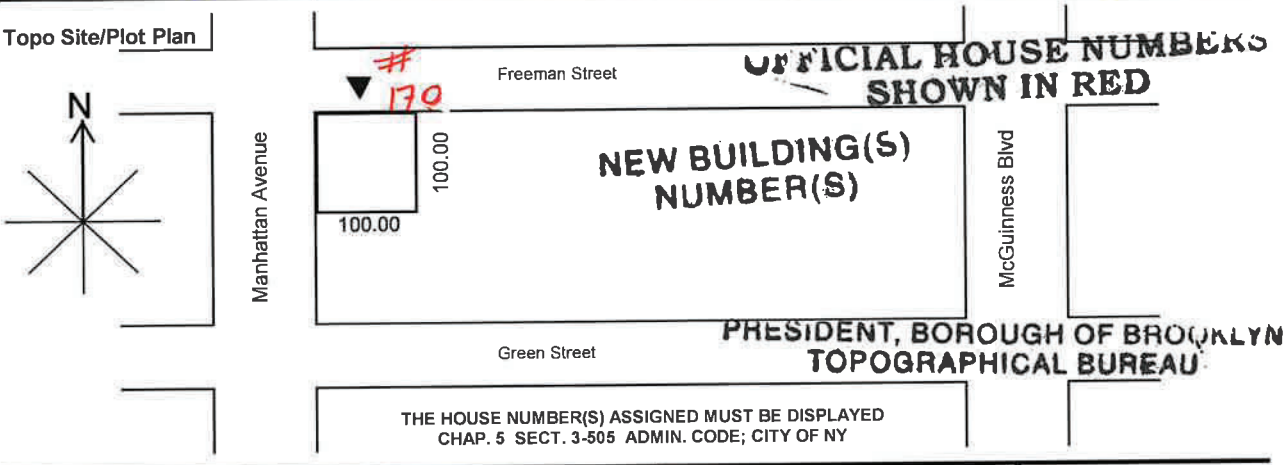
OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN
TOPOGRAPHICAL BUREAU - STREET NUMBER DIVISION
209 JORALEMON STREET, ROOM 340, BROOKLYN, NY 11201
TEL: (718) 802-3816 FAX: (718) 802-3735

Sanborn Atlas Information

VOL. 4

PAGE 47

Topo Site/Plot Plan



THE HOUSE NUMBER(S) ASSIGNED MUST BE DISPLAYED
CHAP. 5 SECT. 3-505 ADMIN. CODE; CITY OF NY

APPLICANTS NAME: Manish Chadha
COMPANY: Ismael Leyva Architect
ADDRESS: 48 West 37th Street
New York, NY 10018
PHONE NO.: 212.290.1444 / sbhatia@vitacco.com

FILLED OUT BY TOPO STAFF

ASSIGNED BY: KO

REVIEWED BY: 6/16/2021

DATE

JUN 15 2021

(Dated by Topo Dept.)

PURPOSE OF APPLICATION (check where appropriate)

☒ **New construction - existing lot**
(Must be accompanied by PW-1 & PD-1 application signed by PE or RA)

☐ **New construction - new subdivision/consolidation/reconfiguration**
(Must be accompanied by PW-1 & PD-1 application signed by PE or RA -- **PLUS** a copy of a signed Tentative Lot form from Dept. of Finance)

☐ **Demolition**
(Must be accompanied by PW-1 & PD-1 application signed by PE or RA)

☐ **Renovation of existing structure**
(Must be accompanied by PW-1 & PD -1 application signed by PE or RA)

☐ **Existing structure - application for □ new, □ additional or □ verification of address**
(For application w/out PW-1 Form, only the owner of the property with a copy of the deed & Schedule A can make request. If applicant is not owner then notarized letter authorizing them as representative is needed)

INSTRUCTIONS TO APPLICANT

1. Check **PURPOSE OF APPLICATION** above.
2. Attach appropriate documentation as required.
3. **NO RED INK/PENCIL ON TOPO OR DOB FORMS**
4. Complete ground/1st floor plan including the following:
   - north arrow
   - all street names
   - dimensions of site
   - distance to nearest corner
   - location of entrance ▲

APPLICANT COMMENT/REQUEST

Requesting house number assignment for Residential main entrance along Freeman St. If possible, please assign 170 Freeman St.

NOTE: THIS FORM MAY BE USED FOR SITES WITH A LOT SIZE OF 5,000 SQUARE FEET IN AREA OR LESS. ***APPLICATIONS FOR SITES WITH A LOT SIZE GREATER THAN 5,000 SQUARE FEET MUST INCLUDE GROUND OR FIRST FLOOR PLANS (No bigger than 11x17). PLANS ARE ALSO REQUIRED FOR ANY LOT IN WHICH ADDITIONAL ADDRESSES ARE REQUESTED OR AN ENTRANCE DISCREPANCY.*** *PLANS MUST HAVE ORIGINAL STAMP AND SIGNATURE OF A NEW YORK STATE PROFESSIONAL ENGINEER (P.E.) OR REGISTERED ARCHITECT (R.A.)*

**** $100 fee per house number.** **(Bank Certified Checks/Money Orders payable to Brooklyn Borough President's Office, Credit/Debit Cards)**

NYC Buildings

PD-1: Plot Diagram

Must be typewritten.

Orient and affix BIS job number label here

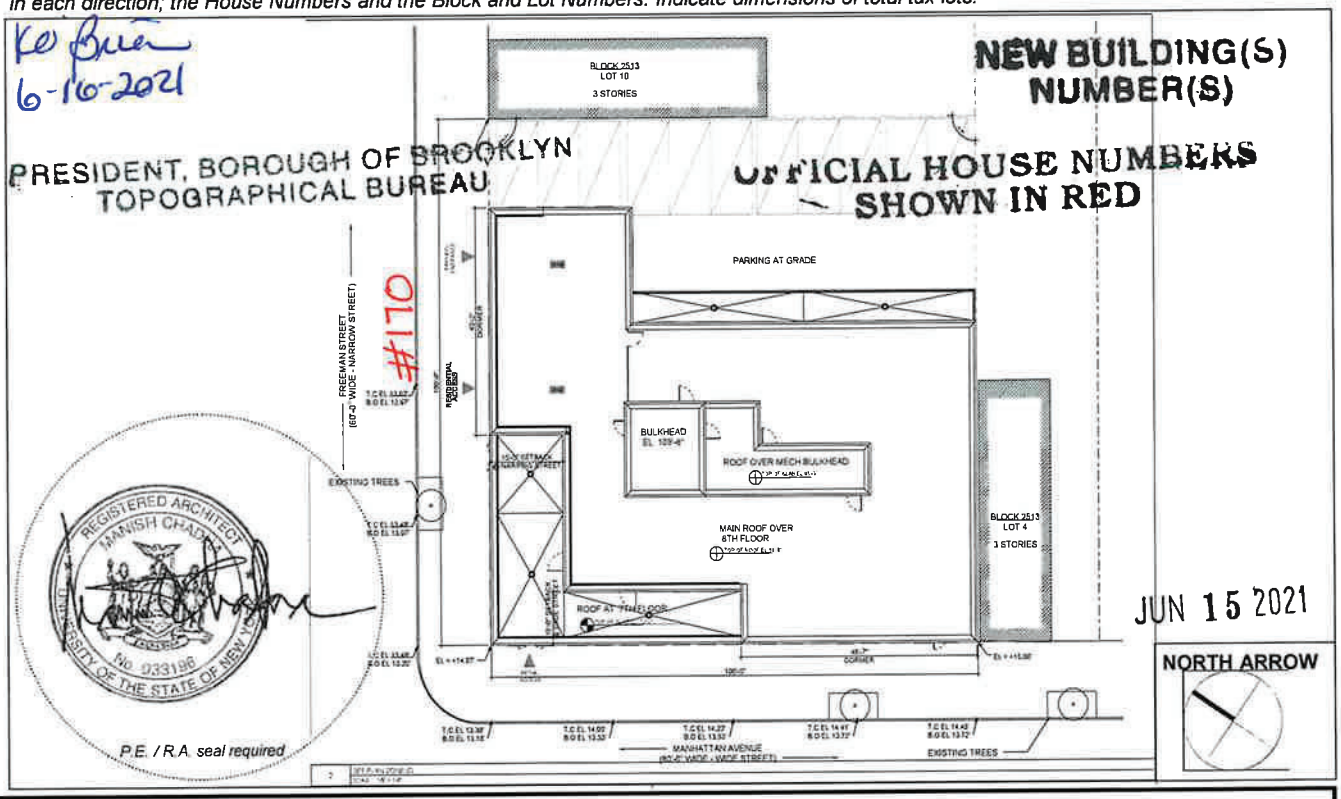
1 Location Information

House No(s) | Street Name Freeman Street

Borough Brooklyn | Block 2513 | Lot 6 | BIN | C.B. No. 301

2 Plot Diagram of Zoning Lot

Plot Diagram must show the correct street lines from the City Plan; the plot to be built upon in relation to the street lines and the portion of the lot to be occupied by the building; the legal grades and the existing grades, properly identified, of streets at nearest point from the proposed buildings in each direction; the House Numbers and the Block and Lot Numbers. Indicate dimensions of total tax lots.



3 Description of Land and Premises *The zoning lot on which the premises is located is bounded as follows:*

BEGINNING at the point on the South side of Freeman Street distant 0 feet

of the corner formed by the intersection of Freeman Street and Manhattan Avenue

running thence	E 100.00	feet; thence	S 100.00	feet; thence	W 100.00	feet; thence	N 100.00 feet;
thence		feet; thence		feet; thence		feet; thence	feet;
thence		feet; thence		feet; thence		feet; thence	feet;
thence		feet; thence		feet; thence		feet; thence	feet;
thence		feet; thence		feet; thence		feet;	to the point of beginning.

4 Applicant's Statement and Signature

Falsification of any statement is a misdemeanor under § 28-203.1, Item 1, and 28-11.1 of the NYC Administrative Code and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Applicant Name Manish Chadha | Signature | Date 09/02/2020

Site Code: C224315

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☑ Amendment to modify the existing BCA (check one or more boxes below):

- ☑ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☐ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? Yes ◯ No ◯

b. ☐ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? Yes ◯ No ◯ Submitted on: _____

☐ Amendment to modify description of the property(ies) listed in the existing BCA

☐ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☐ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:
Site owner and Participant BK Corners LLC entered into a Contract of Sale with 170 Freeman LLC on May 19, 2023. Under the contract BK Corners LLC will remain as a Participant in the BCA and hereby requests through this application to add 170 Freeman LLC to the BCA. The addition of 170 Freeman LLC will have no negative impact on the remedial efforts at the Site.

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 1036 Manhattan Ave BCP Site	BCP SITE CODE: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	DATE OF ORIGINAL AGREEMENT: 04/09/2021

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*		
NAME: 170 Freeman LLC		
ADDRESS: 228 Park Ave S Ste 60704		
CITY/TOWN: New York, NY		ZIP CODE: 10003
PHONE: 646-248-0256	EMAIL: joshua@greenstreet-group.com	
REQUESTOR CONTACT: Joshua Greenberg		
ADDRESS: 4 Harbor Drive		
CITY/TOWN: Port Chester, NY		ZIP CODE: 10573
PHONE: 917-853-4721	EMAIL: joshua@greenstreet-group.com	
REQUESTOR'S CONSULTANT: Hydrotech	CONTACT: Tarek Z Houri, PE	
ADDRESS: 231 West 29th Street, Suite 1104		
CITY/TOWN: New York, NY		ZIP CODE: 10001
PHONE: 631-462-5866	EMAIL: tkhouri@hydrotechenvironmental.com	
REQUESTOR'S ATTORNEY: Connell Foley LLP	CONTACT: George Duke, Esq.	
ADDRESS: 875 Third Avenue 21st Floor		
CITY/TOWN: New York, NY		ZIP CODE: 10022
PHONE: 212-307-3700	EMAIL: gduke@connellfoley.com	

	N/A	Y	N
1. Is the requestor authorized to conduct business in New York State?		◉	○
2. If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?		◉	○
3. Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?		◉	○
4. If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached?	○	◉	○

5. Describe the new requestor's relationship to all existing applicants:
Future Seller and Purchaser

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ☐ Existing Applicant ☐ New Applicant ☐ Non-Applicant			
OWNER'S NAME:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	◉
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	◉
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	◉
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	◉
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	◉
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	◉
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	◉
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	◉

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	○	◉
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	○	◉
11. Are there any unregistered bulk storage tanks on-site which require registration?	○	◉

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

☑ PARTICIPANT	☐ VOLUNTEER
A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.**

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	◉	○	○

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☑ Potential/Future Purchaser ☐ Other: _____

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	○	◉	○

Site Code: C224315

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS:

CITY/TOWN | ZIP CODE:

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☐ b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

☐ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

3. TOTAL REVISED SITE ACREAGE: _____

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y ○	N ○

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	○	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	○	○
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	○	○
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	○	○
5. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	○	○

APPLICATION SUPPLEMENT FOR NYC SITES (continued)	Y	N
6. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	○
7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	○	○

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: 1036 Manhattan Ave BCP Site	BCP SITE CODE: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	DATE OF ORIGINAL AGREEMENT 04/09/2021

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed.

(Individual)

I hereby affirm that the information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am authorized signatory (title) of 170 Freeman LLC (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Joshua Greenberg signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 06/12/2023 Signature: _____

Print Name: Joshua Greenberg

Site Code: C224315

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am authorized signatory (title) of BK Corners LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Marshall Kesten signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 06/12/2023 Signature: _____

Print Name: Marshall Kesten

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☒ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 04/09/2021

Signature by the Department:

DATED: 08/02/2023

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E Brown, Assistant Director
Division of Environmental Remediation

INSTRUCTIONS FOR COMPLETING AN APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

This form must be used to add or remove a party, reflect a change in property ownership to all or part of the site, modify a property description, or reduce/expand property boundaries for an existing BCP Agreement.

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the BCA (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). The application must be submitted to DEC in the same manner as the original application to participate.

COVER PAGE

Please select all options that apply. Provide a brief narrative of the nature of the amendment requested.

SECTION I: CURRENT AGREEMENT INFORMATION

This section must be completed in its entirety. The information entered here will auto-populate throughout the application and amendment.

Provide the site name, site code and name(s) of current requestor(s) exactly as this information appears on the existing agreement. This should reflect any changes made by previous amendments to the site name or parties on the BCA. Provide the agreement index number and the date of the initial BCA.

SECTION II: NEW REQUESTOR INFORMATION

This section is to be completed only if a new requestor is being added to the BCA, or if the name of the existing requestor has changed with the NYSDOS.

Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information.) The requestor is the person or entity seeking DEC review and approval of the remedial program.

If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database.

Requestor, Consultant and Attorney Contact Information

Provide the contact name, mailing address, telephone number and e-mail address for each of the following contacts:

Requestor's Representative: This is the person to whom all correspondence, notices, etc., will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative unless another contact name and address is provided with the application.

Requestor's Consultant: Include the name of the consulting firm and the contact person.

Requestor's Attorney: Include the name of the law firm and the contact person.

Required Attachments for Section II:

1. *NYSDOS Information: A print-out of entity information from the NYSDOS database to document that the applicant is authorized to do business in NYS. The requestor's name must appear throughout the application exactly as it does in the database.*
2. *LLC Organization: If the requestor is an LLC, provide a list of the names of the members/owners of the LLC.*
3. *Authority to Bind: Proof must be included that shows that the party signing this application and amendment is authorized to do so on behalf of the requestor. This documentation may be in the form of corporate organizational papers, a Corporate Resolution or Operating Agreement or Resolution.*

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION

Complete this section only if a transfer of ownership has taken place for all or part of the site property. Attach additional pages for each new owner if applicable.

Provide the relationship of the owner to the site by selecting one of the check-box options.

Owner Name, Address, etc.

Provide information for the new owner of the property. List all new parties holding an interest in the property. Attach separate pages as needed.

Operator Name, Address, etc.

Provide information for the new operator, if applicable.

NOTE: Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this form was not previously submitted, it must be included with this application. See http://www.dec.ny.gov/chemical/76250.html for additional information.

Required Attachments for Section III:

1. *Copy of deed as proof of ownership.*
2. *Ownership/Nominee Agreement, if applicable.*
3. *Change of Use form, if not previously submitted to the Department.*

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION

For additional information regarding requestor eligibility, please refer to ECL §27-1407.

Provide a response to each question listed. If any question is answered in the affirmative, provide an attachment with detailed relevant information. It is permissible to reference specific sections of existing property reports; however, such information must be summarized in an attachment. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.

If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site. A purchase contract does not suffice as proof of access.

Required Attachments for Section IV:

1. *Detailed information regarding any questions answered in the affirmation, if applicable.*
2. *Statement describing why the requestor should be considered a volunteer, if applicable.*
3. *Site access agreement, as described above, if applicable.*

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the BCA (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). The application must be submitted to DEC in the same manner as the original application to participate.

Property Information on Existing Agreement

Provide the site address and tax parcel information exactly as it appears on the current agreement (including as it has been modified in previous amendments).

Addition of Property

Provide the tax parcel information and acreage for each parcel to be added. Provide the total acreage to be added below the far-right column.

Reduction of Property

Provide the tax parcel information and acreage for each parcel to be removed. Provide the total acreage to be removed below the far-right column.

Change to address, SBL or metes and bounds description

Provide the new address and tax parcel information.

Total Revised Site Acreage

Provide the new total site acreage after addition or removal of property. If no change to site boundary, this should match the acreage provided above, under Property Information on Existing Agreement.

All requested changes to this section should be accompanied by a revised survey or other acceptable map depicting the proposed new site boundary. Additionally, provide a county tax map with the site boundary outlined, as well as a USGS 7.5-minute quadrangle map with the site location clearly identified.

Required Attachments for Section V:

1. *For all additions and removal of property:*
   a. *Site map clearly identifying the existing site boundary and proposed new site boundary*
   b. *County tax map with the new site boundary clearly identified*
   c. *USGS 7.5-minute quadrangle map with the site location clearly identified*
2. *For address changes, lot mergers, subdivisions and any other change to the property description:*
   a. *County tax map with the site boundary and all SBL information clearly identified*
   b. *USGS 7.5-minute quadrangle map with the site location clearly identified*
   c. *Approved application for lot merger or apportionment, or the equivalent thereof, as proof from the municipality of the SBL change(s)*

SUPPLEMENT TO THE APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT – QUESTIONS FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits.

Provide responses to each question. If any question is answered in the affirmative, provide required documentation as applicable.

Required Attachments for NYC Site Supplement:

1. *For sites located all or partially in an En-zone: provide a map with the site boundary clearly identified and the En-zone overlay showing that all or a portion of the site is located within an En-zone. This map must also indicate the census tract number in which the site is located. See DEC's website for additional information.*
2. *For affordable housing projects: provide the affordable housing regulatory agreement and any additional relevant information.*
3. *For renewable energy site projects: for (a) planned renewable energy facilities generating/storing less than twenty-five (25) megawatts, provide a local land use approval; or, for (b) planned renewable energy facilities generating/storing twenty-five (25) megawatts or greater, provide the permit issued by the NYS Office of Renewable Energy Siting.*
4. *For sites located within a disadvantaged community and a conforming Brownfield Opportunity Area: provide a map with the site boundary clearly identified and the disadvantaged community overlay showing that the site is located within a disadvantaged community.*

PART II: BROWNFIELD CLEANUP PROGRAM AMENDMENT

The information in the "EXISTING AGREEMENT INFORMATION" section should auto-populate with the information provided on page 2.

If a new requestor is applying to enter the program, provide the required information and signature at the bottom of page 8 and the required information and signature on page 9.

If no new requestor is applying to the program but any other change has been made, provide the required information and signature on page 9.

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: 170 FREEMAN LLC
FOREIGN LEGAL NAME: 170 FREEMAN LLC
ENTITY TYPE: FOREIGN LIMITED LIABILITY COMPANY
SECTIONOF LAW: LIMITED LIABILITY COMPANY - 802 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW
DATE OF INITIAL DOS FILING: 04/03/2023
EFFECTIVE DATE INITIAL FILING: 04/03/2023
FOREIGN FORMATION DATE: 03/29/2023
COUNTY: NEW YORK
JURISDICTION: DELAWARE, UNITED STATES

DOS ID: 6789646
FICTITIOUS NAME:
DURATION DATE/LATEST DATE OF DISSOLUTION:
ENTITY STATUS: ACTIVE
REASON FOR STATUS:
INACTIVE DATE:
STATEMENT STATUS: CURRENT
NEXT STATEMENT DUE DATE: 04/30/2025
NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name: THE LLC

Address: 15 WEST 63RD STREET, APT 37A, NEW YORK, NY, UNITED STATES, 10023

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

WRITTEN AUTHORIZATION OF THE MANAGER OF 170 FREEMAN LLC

TO COMPLETE REMEDIAL REQUIREMENTS

Green Street Group Managers LLC, a Delaware limited liability company, which is the sole member of 170 Freeman LLC, a Delaware limited liability company (the "**Company**") hereby certifies as of May 19, 2023 as follows and adopts the following resolutions and authori Company to authorize and direct Joshua Greenberg (the "**Authorized Signatory**") to take the following actions on behalf of the Company:

WHEREAS, the Company desires to authorize the Authorized Signatory, set forth below, to undertake actions necessary to redevelop 1036 Manhattan Avenue a.k.a. 170 Freeman Street, Brooklyn, New York, Block 2513 Lot 6 (the "**Property**" or the "**Site**").

WHEREAS, in connection with the redevelopment of the Property, the Company has or will prepare and submit an application to participate in the New York State Brownfield Cleanup Program ("BCP") and, if accepted into the BCP, file related documents with the New York State Department of Environmental Conservation ("DEC") pursuant to the BCP, including, but not limited to an environmental easement and notice of certificate of completion; and undertake environmental remediation work related thereto consistent with applicable laws, regulations and guidance under the BCP (collectively referred to as the "Remedial Program Requirements");

NOW THEREFORE, BE IT

RESOLVED, the Authorized Signatory be, and hereby is, authorized and directed, in the name of and on behalf of the Company, to execute and to deliver all applications, documents and instruments required to effectuate the BCA and/or subsequent amendments, and make any filings required to comply with the BCA consistent with the Remedial Program Requirements; and be it further;

RESOLVED, that this Authorization may be signed in any number of counterparts, including but not limited to electronic, and shall become effective as of the date herein below written when each person named below shall have signed a copy hereof; and

RESOLVED, The Authorized Signatory is authorized to bind the Company as an Authorized Signatory for the purposes set forth in this Authorization, the signature set forth opposite his name below is his actual signature:

Authorized Signatory	Signature
Joshua Greenberg	

Doc ID: a757bd7f3a82568c84267103ae72f7e15221d083

The undersigned signatory is acting solely in his capacity as authorized signatory of the entity on whose behalf he is acting. The undersigned shall not be personally liable under or with respect to this Authorization

IN WITNESS WHEREOF, the undersigned has signed and sealed this Authorization as of the date first written above.

Green Street Group Managers LLC

By : 

Name: Joshua Greenberg
Title: Authorized Signatory

Doc ID: a757bd7f3a82568c84267103ae72f7e15221d083

BK CORNERS LLC
49 BOX STREET
BROOKLYN NY 11222

June 23, 2023

BK Corners LLC
49 Box Street
Brooklyn, NY, United States, 11222

Re: Property Access and Authorization to perform all obligations under the New York State Brownfield Cleanup Program 170 Freeman Street, Brooklyn, NY

Dear Sir or Madam:

BK Corners LLC, (hereinafter referred to as the "Owner") owns the property located at 170 Freeman Street, Brooklyn, NY 11222 (the "Property" or the "Site"). The Owner hereby authorizes the entities listed on Exhibit A, attached hereto (collectively referred to as the "Authorized Applicant(s)/Requestor(s)"), to access the Property and to apply to participate in and perform any obligations required under the New York State Department of Environmental Conservation's ("NYSDEC") Brownfield Cleanup Program ("BCP"), in each case to the extent expressly agreed by Owner in a separate writing.

Owner understands that the Authorized Applicants/Requestors will also need to provide access to the NYSDEC and environmental professionals that the Authorized Applicants has/have hired to perform any investigation and remedial activities under the BCP. Owner further understands that an easement may be needed in connection with BCP efforts, and authorizes the placement of an easement on or through the Property subject to the prior review and consent of the Owner, in accordance with any subsequent or separate writing between the parties.

Sincerely,

BK Corners LLC

By_____
Marshall Kesten Managing Member

EXHIBIT A

AUTHORIZED APPLICANT(S)/REQUESTOR(S)

- 170 Freeman LLC

DocuSign Envelope ID: B634FAEE-0FB0-4228-B31C-F3188F026890

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership
Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: 1036 Manhattan Ave BCP Site **DEC Site ID No.** C224315

II. Contact Information of Person Submitting Notification:

Name: George Duke, Esq.
Address1: Connell Foley LLP
Address2: 875 Third Avenue 21st Floor New York, NY 10022
Phone: 212-307-3700 E-mail: gduke@connellfoley.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

- [x] Change in Ownership or Change in Remedial Party(ies)
- [ ] Transfer of Certificate of Completion (CoC)
- [ ] Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): 05/19/2023

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

Site owner and Participant BK Corners LLC will be entering into a Contract of Sale with 170 Freeman LLC, which entity will be the remedial party and the developer for the BCP Site. BK Corners LLC will remain as a Participant in the BCA. The transfer of ownership and addition of 170 Freeman LLC will have no negative impact on the remedial efforts at the Site.

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

Doc ID: f0c94726e1a35f1d6bd7ae9527b18c40350aab7f

DocuSign Envelope ID: B634FAEE-0FB0-4228-B31C-F3188F026890

V. Certification Statement: Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: DocuSigned by: Marshall Kesten 8CE0592C7B0A457... (Signature) 5/19/2023 (Date)

Marshall Kesten (Print Name)

Address1: BK Corners LLC

Address2: care of 153 Lafayette Street, 5th Floor, New York, New York 10013

Phone: (718) 383-2409 E-mail: Marshall@mkpropmanagement.com

VI. Contact Information for New Owner, Remedial Party, or CoC Holder: If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☑ Prospective Owner ☑ Prospective Remedial Party ☑ Prospective Owner Representative

Name:

Address1: 170 Freeman LLC

Address2: 15 West 63rd Street apt 37A New York, NY 10023

Phone: E-mail:

Certifying Party Name: Joshua Greenberg

Address1: 4 Harbor Drive Port Chester, NY 10573

Address2:

Phone: 917-853-4721 E-mail: joshua@greenstreet-group.com

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VII. Agreement to Notify DEC after Transfer: If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name: _____ _____
(Signature) (Date)

Joshua Greenberg
(Print Name)

Address1: 170 Freeman LLC

Address2: 15 West 63rd Street apt 37A New York, NY 10023

Phone: _____ E-mail: _____

Doc ID: f0c94726e1a35f1d6bd7ae9527b18c40350aab7f

DocuSign Envelope ID: B634FAEE-0FB0-4228-B31C-F3188F026890

Continuation Sheet

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

Doc ID: f0c94726e1a35f1d6bd7ae9527b18c40350aab7f

DocuSign Envelope ID: B634FAEE-0FB0-4228-B31C-F3188F026890

New York State Department of Environmental Conservation

Instructions for Completing the 60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion (CoC), and/or Ownership Form

Submit to: Chief, Site Control Section, New York State Department of Environmental Conservation, Division of Environmental Remediation, 625 Broadway, Albany NY 12233-7020

Section I	**Description**
Site Name	Official DEC site name. (see http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3)
DEC Site ID No.	DEC site identification number.

Section II	**Contact Information of Person Submitting Notification**
Name	Name of person submitting notification of site change of use, transfer of certificate of completion and/or ownership form.
Address1	Street address or P.O. box number of the person submitting notification.
Address2	City, state and zip code of the person submitting notification.
Phone	Phone number of the person submitting notification.
E-mail	E-mail address of the person submitting notification.

Section III	**Type of Change and Date**
Check Boxes	Check the appropriate box(s) for the type(s) of change about which you are notifying the Department. Check all that apply.
Proposed Date of Change	Date on which the change in ownership or remedial party, transfer of CoC, or other change is expected to occur.

Section IV	**Description**
Description	For each change checked in Section III, describe the proposed change. Provide all applicable maps, drawings, and/or parcel information. If "Other" is checked in Section III, explain how the change may affect the site's proposed, ongoing, or completed remedial program at the site. Please attach additional sheets, if needed.

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Section V Certification Statement

This section must be filled out if the change of use results in a change of ownership or responsibility for the proposed, ongoing, or completed remedial program for the site. When completed, it provides DEC with a certification that the prospective purchaser has been provided a copy of any order, agreement, or State assistance contract as well as a copy of all approved remedial work plans and reports.

Name	The owner of the site property or their designated representative must sign and date the certification statement. Print owner or designated representative's name on the line provided below the signature.
Address1	Owner or designated representative's street address or P.O. Box number.
Address2	Owner or designated representative's city, state and zip code.
Phone	Owner or designated representative's phone number.
E-Mail	Owner or designated representative's E-mail.

Section VI Contact Information for New Owner, Remedial Party, and CoC Holder (if a CoC was issued)

Fill out this section only if the site is to be sold or there will be a new remedial party. Check the appropriate box to indicate whether the information being provided is for a Prospective Owner, CoC Holder (if site was ever issued a COC), Prospective Remedial Party, or Prospective Owner Representative. Identify the prospective owner or party and include contact information. A Continuation Sheet is provided at the end of this form for additional owner/party information.

Name	Name of Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
Address1	Street address or P.O. Box number for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Address2	City, state and zip code for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Phone	Phone number for the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
E-Mail	E-mail address of the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.

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DocuSign Envelope ID: B634FAEE-0FB0-4228-B31C-F3188F026890

If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/EC), indicate who will be the certifying party(ies). Attach additional sheets, if needed.

Certifying Party Name	Name of Certifying Party.
Address1	Certifying Party's street address or P.O. Box number.
Address2	Certifying Party's city, state and zip code.
Phone	Certifying Party's Phone number.
E-Mail	Certifying Party's E-mail address.

Section VII Agreement to Notify DEC After Property Transfer/Sale

This section must be filled out for all property transfers of all or part of the site. If the site also has a CoC, then the CoC shall be transferred using DEC's form found at http://www.dec.ny.gov/chemical/54736.html

Filling out and signing this section of the form indicates you will comply with the post transfer notifications within the required timeframes specified on the form. If a CoC has been issued for the site, the DEC will allow 30 days for the post transfer notification so that the "Notice of CoC Transfer Form" and proof of it's filing can be included. Normally the required post transfer notification must be submitted within 15 day (per 375-1.11(d)(3)(ii)) when no CoC is involved.

Name	Current property owner must sign and date the form on the designated lines. Print owner's name on the line provided.
Address1	Current owner's street address.
Address2	Current owner's city, state and zip code.

Doc ID: f0c94726e1a35f1d6bd7ae9527b18c40350aab7f

Site Code: C224315

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☐ Amendment to modify the existing BCA (check one or more boxes below):

- ☐ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☑ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? Yes ◉ No ○

b. ☑ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? Yes ◉ No ○ Submitted on: _____

☐ Amendment to modify description of the property(ies) listed in the existing BCA

☐ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☐ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:
This amendment application serves to reflect the Site change in ownership from BK Corners LLC to 170 Freeman LLC. The sale and close (change in ownership) occurred on August 2, 2023. 170 Freeman LLC will be the remedial party and the developer for the BCP Site. BK Corners LLC will remain as a Participant in the BCA. The change in ownership will have no negative impact on the remedial efforts at the Site.

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 1036 Manhattan Ave BCP Site	BCP SITE CODE: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC, 170 Freeman LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	DATE OF ORIGINAL AGREEMENT: 04/09/2021

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*		
NAME:		
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR CONTACT:		
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR'S CONSULTANT:	CONTACT:	
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR'S ATTORNEY:	CONTACT:	
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	○	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	○	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	○	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? **N/A** ○	○	○
5.	Describe the new requestor's relationship to all existing applicants:		

Site Code: C224315

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ☑ Existing Applicant ☐ New Applicant ☐ Non-Applicant			
OWNER'S NAME: 170 Freeman LLC		CONTACT: Joshua Greenberg	
ADDRESS: 4 Harbor Drive			
CITY/TOWN: Port Chester, NY		ZIP CODE: 10573	
PHONE: (917) 853-4721	EMAIL: joshua@greenstreet-group.com		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	○
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	○
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	○
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	○
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	○
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	○
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	○
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	○

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	◯	◯
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	◯	◯
11. Are there any unregistered bulk storage tanks on-site which require registration?	◯	◯

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☐ VOLUNTEER
A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste. **If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.**

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	◯	◯	◯

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☐ Potential/Future Purchaser ☐ Other: _____

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	◯	◯	◯

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS:

CITY/TOWN | ZIP CODE:

CURRENT PROPERTY INFORMATION | TOTAL ACREAGE OF CURRENT SITE:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

2. Requested change (check appropriate boxes below):

☐ a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

☐ b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

☐ c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

3. TOTAL REVISED SITE ACREAGE: _____

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y ◯	N ◯

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	◯	◯
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	◯	◯
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	◯	◯
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	◯	◯
5. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	◯	◯

APPLICATION SUPPLEMENT FOR NYC SITES (continued)	Y	N
6. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	○
7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	○	○

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT	
EXISTING AGREEMENT INFORMATION	
BCP SITE NAME: 1036 Manhattan Ave BCP Site	BCP SITE CODE: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC, 170 Freeman LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	DATE OF ORIGINAL AGREEMENT 04/09/2021

Declaration of Amendment:

By the requestor(s) and/or applicant(s) signature(s) below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from obligations held under the Agreement or those same laws.

STATEMENT OF CERTIFICATION AND SIGNATURES: NEW REQUESTOR

Complete the appropriate section (individual or entity) below only if this Amendment adds a new requestor. Attach additional pages as needed.

(Individual)

I hereby affirm that the information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am _____(title) of _____(entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

_____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

Site Code: C224315

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am authorized signatory (title) of 170 Freeman LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Joshua Greenberg's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 10-11-2023 Signature: _____

Print Name: Joshua Greenberg

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: 04/09/2021

Signature by the Department:

DATED: 01/16/2024

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Dave Harrington

David Harrington, Assisitant Director
Division of Environmental Remediation

Site Code: C224315

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am authorized signatory (title) of BK Corners LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Marshall Kesten's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 12/10/23 Signature: _____

Print Name: Marshall Kesten

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☒ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: _____

Signature by the Department:

DATED: 01/16/2024

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Dave Harrington

David Harrington, Assisitant Director
Division of Environmental Remediation

INSTRUCTIONS FOR COMPLETING AN APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

This form must be used to add or remove a party, reflect a change in property ownership to all or part of the site, modify a property description, or reduce/expand property boundaries for an existing BCP Agreement.

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the BCA (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). The application must be submitted to DEC in the same manner as the original application to participate.

COVER PAGE

Please select all options that apply. Provide a brief narrative of the nature of the amendment requested.

SECTION I: CURRENT AGREEMENT INFORMATION

This section must be completed in its entirety. The information entered here will auto-populate throughout the application and amendment.

Provide the site name, site code and name(s) of current requestor(s) exactly as this information appears on the existing agreement. This should reflect any changes made by previous amendments to the site name or parties on the BCA. Provide the agreement index number and the date of the initial BCA.

SECTION II: NEW REQUESTOR INFORMATION

This section is to be completed only if a new requestor is being added to the BCA, or if the name of the existing requestor has changed with the NYSDOS.

Requestor Name

Provide the name of the person(s)/entity requesting participation in the BCP. (If more than one, attach additional sheets with requested information.) The requestor is the person or entity seeking DEC review and approval of the remedial program.

If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database.

Requestor, Consultant and Attorney Contact Information

Provide the contact name, mailing address, telephone number and e-mail address for each of the following contacts:

Requestor's Representative: This is the person to whom all correspondence, notices, etc., will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative unless another contact name and address is provided with the application.

Requestor's Consultant: Include the name of the consulting firm and the contact person.

Requestor's Attorney: Include the name of the law firm and the contact person.

Required Attachments for Section II:

1. *NYSDOS Information: A print-out of entity information from the NYSDOS database to document that the applicant is authorized to do business in NYS. The requestor's name must appear throughout the application exactly as it does in the database.*
2. *LLC Organization: If the requestor is an LLC, provide a list of the names of the members/owners of the LLC.*
3. *Authority to Bind: Proof must be included that shows that the party signing this application and amendment is authorized to do so on behalf of the requestor. This documentation may be in the form of corporate organizational papers, a Corporate Resolution or Operating Agreement or Resolution.*

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION

Complete this section only if a transfer of ownership has taken place for all or part of the site property. Attach additional pages for each new owner if applicable.

Provide the relationship of the owner to the site by selecting one of the check-box options.

Owner Name, Address, etc.

Provide information for the new owner of the property. List all new parties holding an interest in the property. Attach separate pages as needed.

Operator Name, Address, etc.

Provide information for the new operator, if applicable.

NOTE: Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this form was not previously submitted, it must be included with this application. See http://www.dec.ny.gov/chemical/76250.html for additional information.

Required Attachments for Section III:

1. *Copy of deed as proof of ownership.*
2. *Ownership/Nominee Agreement, if applicable.*
3. *Change of Use form, if not previously submitted to the Department.*

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION

For additional information regarding requestor eligibility, please refer to ECL §27-1407.

Provide a response to each question listed. If any question is answered in the affirmative, provide an attachment with detailed relevant information. It is permissible to reference specific sections of existing property reports; however, such information must be summarized in an attachment. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.

If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site. A purchase contract does not suffice as proof of access.

Required Attachments for Section IV:

1. *Detailed information regarding any questions answered in the affirmation, if applicable.*
2. *Statement describing why the requestor should be considered a volunteer, if applicable.*
3. *Site access agreement, as described above, if applicable.*

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

NOTE: DEC requires a standard full BCP application to request major changes to the description of the property set forth in the BCA (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). The application must be submitted to DEC in the same manner as the original application to participate.

Property Information on Existing Agreement

Provide the site address and tax parcel information exactly as it appears on the current agreement (including as it has been modified in previous amendments).

Addition of Property

Provide the tax parcel information and acreage for each parcel to be added. Provide the total acreage to be added below the far-right column.

Reduction of Property

Provide the tax parcel information and acreage for each parcel to be removed. Provide the total acreage to be removed below the far-right column.

Change to address, SBL or metes and bounds description

Provide the new address and tax parcel information.

Total Revised Site Acreage

Provide the new total site acreage after addition or removal of property. If no change to site boundary, this should match the acreage provided above, under Property Information on Existing Agreement.

All requested changes to this section should be accompanied by a revised survey or other acceptable map depicting the proposed new site boundary. Additionally, provide a county tax map with the site boundary outlined, as well as a USGS 7.5-minute quadrangle map with the site location clearly identified.

Required Attachments for Section V:

1. *For all additions and removal of property:*
   a. *Site map clearly identifying the existing site boundary and proposed new site boundary*
   b. *County tax map with the new site boundary clearly identified*
   c. *USGS 7.5-minute quadrangle map with the site location clearly identified*
2. *For address changes, lot mergers, subdivisions and any other change to the property description:*
   a. *County tax map with the site boundary and all SBL information clearly identified*
   b. *USGS 7.5-minute quadrangle map with the site location clearly identified*
   c. *Approved application for lot merger or apportionment, or the equivalent thereof, as proof from the municipality of the SBL change(s)*

SUPPLEMENT TO THE APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT – QUESTIONS FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits.

Provide responses to each question. If any question is answered in the affirmative, provide required documentation as applicable.

Required Attachments for NYC Site Supplement:

1. *For sites located all or partially in an En-zone: provide a map with the site boundary clearly identified and the En-zone overlay showing that all or a portion of the site is located within an En-zone. This map must also indicate the census tract number in which the site is located. See DEC's website for additional information.*
2. *For affordable housing projects: provide the affordable housing regulatory agreement and any additional relevant information.*
3. *For renewable energy site projects: for (a) planned renewable energy facilities generating/storing less than twenty-five (25) megawatts, provide a local land use approval; or, for (b) planned renewable energy facilities generating/storing twenty-five (25) megawatts or greater, provide the permit issued by the NYS Office of Renewable Energy Siting.*
4. *For sites located within a disadvantaged community and a conforming Brownfield Opportunity Area: provide a map with the site boundary clearly identified and the disadvantaged community overlay showing that the site is located within a disadvantaged community.*

PART II: BROWNFIELD CLEANUP PROGRAM AMENDMENT

The information in the "EXISTING AGREEMENT INFORMATION" section should auto-populate with the information provided on page 2.

If a new requestor is applying to enter the program, provide the required information and signature at the bottom of page 8 and the required information and signature on page 9.

If no new requestor is applying to the program but any other change has been made, provide the required information and signature on page 9.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2023080800338006003EDC51

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 5**

Document ID: 2023080800338006 Document Date: 08-02-2023 Preparation Date: 08-08-2023
Document Type: DEED
Document Page Count: 4

PRESENTER:
FIRST AMERICAN TITLE INSURANCE COMPANY
666 THIRD AVENUE
3020-1173317
NEW YORK, NY 10017
212-850-0675
CBLISTEIN@FIRSTAM.COM

RETURN TO:
TUTTLE YICK LLP
ATTENTION: ELPIDA FOTOPOULOU
352 SEVENTH AVENUE, 14TH FLOOR
NEW YORK, NY 10001

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	2513	6	Entire Lot	1036 MANHATTAN AVENUE

Property Type: NON-RESIDENTIAL VACANT LAND

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
BK CORNERS LLC
153 LAFAYETTE STREET, 5TH FLOOR
NEW YORK, NY 10013

GRANTEE/BUYER:
170 FREEMAN LLC
228 PARK AVENUE SOUTH, PMB 53318
NEW YORK, NY 10003

FEES AND TAXES

Mortgage :

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 367,500.00
NYS Real Estate Transfer Tax: $ 91,000.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 08-10-2023 09:45
City Register File No.(CRFN): **2023000202188**

City Register Official Signature

3020-473317

First American Title
Insurance Company
666 Third Avenue, 5th FL
New York, N.Y. 10017
Phone (212) 922-9700
Fax (212) 922-0881

BARGAIN AND SALE DEED, WITH COVENANTS AGAINST GRANTOR'S ACTS

THIS INDENTURE, made as of the 2nd day of August, 2023

BETWEEN BK CORNERS LLC, having an address care of 153 Lafayette Street, 5th Floor, New York, New York 10013, party of the first part, and 170 FREEMAN LLC, having an address at 228 Park Avenue South, PMB 53318, New York, New York 10003, referred to as party of the second part.

WITNESSETH, that the party of the first part, in consideration of TEN ($10.00) DOLLARS and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the County of Kings, City of New York, and State of New York, commonly identified as 1036 Manhattan Avenue a/k/a 170 Freeman Street, Brooklyn, New York 11222, Kings County Block 2513, Lot 6 (f/k/a Olds Lots 5 (Parcel I), 6 (Parcel II) and 8 (Parcel III)); and as to Parcel I, being the same premises conveyed to the parties of the first part herein by deed recorded on 04/05/2021 in(as) CRFN 2021000122477, as to Parcel II Being the same premises conveyed to the parties of the first part herein by deed recorded on 04/05/2021 in(as) CRFN 2021000122478, and as to Parcel III Being the same premises conveyed to the parties of the first part herein by deed recorded on 04/05/2021 in(as) CRFN 2021000122479, and all more particularly described as follows:

[see Schedule "A" annexed hereto]

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

BK CORNERS LLC

By: _____
Name: Ryan O. Miller
Title: Authorized Signatory

ACKNOWLEDGMENT

STATE OF New York)
: ss.:
COUNTY OF Westchester

On the 31st day of July, in the year 2023, before me, the undersigned, personally appeared Ryan O. Miller, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s)or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public

ERIC BRIAN LAMONS
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02LA6389444
Qualified in Westchester County
Commission Expires March 28, 2025

BARGAIN AND SALE DEED
with covenants against grantor's acts.

BK CORNERS LLC

Grantor,

To

170 FREEMAN LLC

Grantee.

SECTION
BLOCK 2513
LOT 6

Return by mail to:
ELPIDA FOTOPOULOU
TUTTLE YICK LLP
352 SEVENTH AVENUE
14th FLOOR
NEW YORK, NY 10001

Title No. 3020-1173317
AMENDED 06/09/2023 (JG)

SCHEDULE "A"

PARCEL I:

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE SEVENTEENTH WARD OF THE BOROUGH OF BROOKLYN, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE EASTERLY SIDE OF MANHATTAN AVENUE, DISTANT SEVENTY-FIVE (75) FEET, ZERO (0) INCHES SOUTHERLY FROM THE CORNER FORMED BY THE INTERSECTION OF SAID EASTERLY SIDE OF MANHATTAN AVENUE WITH THE SOUTHERLY SIDE OF FREEMAN STREET;

RUNNING THENCE EASTERLY PARALLEL WITH SAID FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES;

THENCE SOUTHERLY PARALLEL WITH MANHATTAN AVENUE, TWENTY-FIVE (25) FEET, ZERO (0) INCHES;

THENCE WESTERLY PARALLEL WITH FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES TO THE EASTERLY SIDE OF MANHATTAN AVENUE;

THENCE NORTHERLY ALONG SAID EASTERLY SIDE OF MANHATTAN AVENUE, TWENTY-FIVE (25) FEET, ZERO (0) INCHES TO THE POINT OR PLACE OF BEGINNING.

PARCEL II:

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS;

BEGINNING AT A POINT ON THE EASTERLY SIDE OF MANHATTAN AVENUE,. DISTANT FIFTY (50) FEET, ZERO (0) INCHES SOUTHERLY FROM THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF MANHATTAN AVENUE AND THE SOUTHERLY SIDE OF FREEMAN STREET;

RUNNING THENCE EASTERLY PARALLEL WITH FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES;

THENCE SOUTHERLY PARALLEL WITH MANHATTAN AVENUE, TWENTY-FIVE (25) FEET, ZERO (0) INCHES;

THENCE WESTERLY PARALLEL WITH FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES TO THE EASTERLY SIDE OF MANHATTAN AVENUE;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF MANHATTAN AVENUE, TWENTY-FIVE (25) FEET, ZERO (0) INCHES TO THE POINT OR PLACE OF BEGINN1NG.

PARCEL III:

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

CONTINUED...

TITLE NO. 3020-1173317
SCHEDULE "A" CONTINUED

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF MANHATTAN AVENUE WITH THE SOUTHERLY SIDE OF FREEMAN STREET;

RUNNING THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES;

THENCE SOUTHERLY PARALLEL WITH MANHATTAN AVENUE, FIFTY (50) FEET, ZERO (0) INCHES;

THENCE WESTERLY PARALLEL WITH FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES TO THE EASTERLY SIDE OF MANHATTAN AVENUE;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF MANHATTAN AVENUE, FIFTY (50) FEET, ZERO (0) INCHES TO THE POINT OR PLACE OF BEGINNING.

AS SAID PARCELS AS COMBINED ARE MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

PERIMETER DESCRIPTION

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF MANHATTAN AVENUE WITH THE SOUTHERLY SIDE OF FREEMAN STREET;

RUNNING THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FREEMAN STREET, ONE-HUNDRED (100) FEET, ZERO (0) INCHES;

THENCE SOUTHERLY PARALLEL WITH MANHATTAN AVENUE ONE HUNDRED (100) FEET, ZERO (0) INCHES;

THENCE WESTERLY PARALLEL WITH FREEMAN STREET, ONE HUNDRED (100) FEET, ZERO (0) INCHES TO THE EASTERLY SIDE OF MANHATTAN AVENUE;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF MANHATTAN AVENUE ONE HUNDRED (100) FEET, ZERO (0) INCHES TO THE POINT OR PLACE OF BEGINNING.

THE policy to be issued under this report will insure the title to such buildings and improvements erected on the premises, which by law constitute real property.

FOR CONVEYANCING ONLY: TOGETHER with all the right, title and interest of the party of the first part, of in and to the land lying in the street in front of and adjoining said premises.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2023080800338006003S12D0

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2023080800338006 Document Date: 08-02-2023 Preparation Date: 08-08-2023
Document Type: DEED

ASSOCIATED TAX FORM ID: 2023072200005

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	3
SMOKE DETECTOR AFFIDAVIT	2

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: BROOKLYN BLOCK: 2513 LOT: 6

(2) Property Address: 1036 MANHATTAN AVENUE, BROOKLYN, NY 11222

(3) Owner's Name: 170 FREEMAN LLC

Additional Name:

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: _____ 7/27/2023 Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable: Joshua Greenberg, authorized signatory

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page | | | |

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 1036 (STREET NUMBER) | MANHATTAN AVENUE (STREET NAME) | BROOKLYN (BOROUGH) | 11222 (ZIP CODE)

2. Buyer Name: 170 FREEMAN LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: BK CORNERS LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☑ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☐ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 5 / 19 / 2023 (Month / Day / Year)

11. Date of Sale / Transfer: 8 / 2 / 2023 (Month / Day / Year)

12. Full Sale Price $: 14,000,000.00

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale: |

14. Check one or more of these conditions as applicable to transfer:

A ☐ Sale Between Relatives or Former Relatives
B ☐ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☑ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: V1

16. Total Assessed Value (of all parcels in transfer): 1,301,850

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BROOKLYN 2513 6 | | |

20230722000052010 7

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER			BUYER'S ATTORNEY	
BUYER SIGNATURE	DATE 7/27/23		LAST NAME	FIRST NAME
228 PARK AVENUE SOUTH PMB 53318 Joshua Greenberg, authorized signatory			AREA CODE	TELEPHONE NUMBER
STREET NUMBER STREET NAME (AFTER SALE)			**SELLER**	
NEW YORK	NY	10003	See attached	
CITY OR TOWN	STATE	ZIP CODE	SELLER SIGNATURE	DATE

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

See Attached

BUYER SIGNATURE | DATE

228 PARK AVENUE SOUTH PMB 53318

STREET NUMBER | STREET NAME (AFTER SALE)

NEW YORK | NY | 10003

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

BK Corners LLC

by: [signature] as authorized signatory

Ryan O. Miller

SELLER SIGNATURE | DATE 7/31/2023

2023072200005201

AFFIDAVIT OF COMPLIANCE
WITH SMOKE DETECTOR REQUIREMENT FOR ONE- AND TWO-FAMILY DWELLINGS

State of New York
County of Westchester } **SS.:**

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

1036 MANHATTAN AVENUE , ,
Street Address Unit/Apt.

BROOKLYN Borough New York, 2513 Block 6 Lot (the "Premises");

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

BK Cosmos LLC Name of Grantor (Type or Print)	See Attached Name of Grantee (Type or Print)
by: [signature] as authorized signatory Signature of Grantor	Signature of Grantee
Sworn to before me this 31st day of July 2023 Ryan O. Miller	Sworn to before me this _____ day of _____ 20 ____

ERIC BRIAN LAMONS
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02LA6389444
Qualified in Westchester County
Commission Expires March 25, 2026

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.

2023072200005101

AFFIDAVIT OF COMPLIANCE
WITH SMOKE DETECTOR REQUIREMENT FOR ONE- AND TWO-FAMILY DWELLINGS

State of New York
County of Connecticut **SS.:**

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

1036 MANHATTAN AVENUE , ,
Street Address Unit/Apt.

BROOKLYN New York, 2513 6 (the "Premises");
Borough Block Lot

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

See Attached Name of Grantor (Type or Print)	170 FREEMAN LLC Name of Grantee (Type or Print)
Signature of Grantor	Signature of Grantee Joshua Greenberg, authorized signatory
Sworn to before me this _____ day of _____ 20____	Sworn to before me this 27th day of July, 2023
	Lynda DeRenzis
	Lynda Derenzis Notary Public-Connecticut My Commission Expires November 30, 2024

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.

2023072200005101

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership
Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: 1036 Manhattan Ave BCP Site **DEC Site ID No.** C224315

II. Contact Information of Person Submitting Notification:

Name: Cristina Diaz Salcedo, Esq.
Address1: Connell Foley LLP
Address2: 875 Third Avenue 21st Floor New York, NY 10022
Phone: 212-307-3700 E-mail: CSalcedo@connellfoley.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

- [x] Change in Ownership or Change in Remedial Party(ies)
- [ ] Transfer of Certificate of Completion (CoC)
- [ ] Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): Aug 2, 2023

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.
Former Site owner and Participant BK Corners LLC entered into a Contract of Sale with 170 Freeman LLC on May 9, 2023. The sale and close (change in ownership) occurred on August 2, 2023. New Site Owner, 170 Freeman LLC, will be the remedial party and the developer for the BCP Site. BK Corners LLC will remain as a Participant in the BCA. The transfer of ownership to 170 Freeman LLC will have no negative impact on the remedial efforts at the Site.

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

V. **Certification Statement:** Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: _____ 10/10/23
(Signature) (Date)

Marshall Kesten
(Print Name)

Address1: BK Corners LLC

Address2: care of 153 Lafayette Street, 5th Floor, New York, NY 10013

Phone: 718-383-2409 E-mail: Marshall@mkpropmanagement.com

VI. **Contact Information for New Owner, Remedial Party, or CoC Holder:** If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☑ Prospective Owner ☑ Prospective Remedial Party ☑ Prospective Owner Representative

Name: 170 Freeman LLC

Address1: 15 West 63rd Street apt 37A New York, NY 10023

Address2:

Phone: E-mail:

Certifying Party Name: Joshua Greenberg

Address1: 4 Harbor Drive Port Chester, NY 10573

Address2:

Phone: 917-853-4721 E-mail: joshua@greenstreet-group.com

VII. Agreement to Notify DEC after Transfer: If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name: _____ Oct 9, 2023

(Signature) (Date)

Joshua Greenberg

(Print Name)

Address1: 170 Freeman LLC

Address2: 15 West 63rd Street apt 37A New York, NY 10023

Phone: 917-853-4721 E-mail: _____

Continuation Sheet

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

New York State Department of Environmental Conservation

Instructions for Completing the 60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion (CoC), and/or Ownership Form

Submit to: Chief, Site Control Section, New York State Department of Environmental Conservation, Division of Environmental Remediation, 625 Broadway, Albany NY 12233-7020

Section I	**Description**
Site Name	Official DEC site name. (see http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3)
DEC Site ID No.	DEC site identification number.

Section II	**Contact Information of Person Submitting Notification**
Name	Name of person submitting notification of site change of use, transfer of certificate of completion and/or ownership form.
Address1	Street address or P.O. box number of the person submitting notification.
Address2	City, state and zip code of the person submitting notification.
Phone	Phone number of the person submitting notification.
E-mail	E-mail address of the person submitting notification.

Section III	**Type of Change and Date**
Check Boxes	Check the appropriate box(s) for the type(s) of change about which you are notifying the Department. Check all that apply.
Proposed Date of Change	Date on which the change in ownership or remedial party, transfer of CoC, or other change is expected to occur.

Section IV	**Description**
Description	For each change checked in Section III, describe the proposed change. Provide all applicable maps, drawings, and/or parcel information. If "Other" is checked in Section III, explain how the change may affect the site's proposed, ongoing, or completed remedial program at the site. Please attach additional sheets, if needed.

Section V Certification Statement

This section must be filled out if the change of use results in a change of ownership or responsibility for the proposed, ongoing, or completed remedial program for the site. When completed, it provides DEC with a certification that the prospective purchaser has been provided a copy of any order, agreement, or State assistance contract as well as a copy of all approved remedial work plans and reports.

Name	The owner of the site property or their designated representative must sign and date the certification statement. Print owner or designated representative's name on the line provided below the signature.
Address1	Owner or designated representative's street address or P.O. Box number.
Address2	Owner or designated representative's city, state and zip code.
Phone	Owner or designated representative's phone number.
E-Mail	Owner or designated representative's E-mail.

Section VI Contact Information for New Owner, Remedial Party, and CoC Holder (if a CoC was issued)

Fill out this section only if the site is to be sold or there will be a new remedial party. Check the appropriate box to indicate whether the information being provided is for a Prospective Owner, CoC Holder (if site was ever issued a COC), Prospective Remedial Party, or Prospective Owner Representative. Identify the prospective owner or party and include contact information. A Continuation Sheet is provided at the end of this form for additional owner/party information.

Name	Name of Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
Address1	Street address or P.O. Box number for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Address2	City, state and zip code for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Phone	Phone number for the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
E-Mail	E-mail address of the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.

If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/EC), indicate who will be the certifying party(ies). Attach additional sheets, if needed.

Certifying Party Name	Name of Certifying Party.
Address1	Certifying Party's street address or P.O. Box number.
Address2	Certifying Party's city, state and zip code.
Phone	Certifying Party's Phone number.
E-Mail	Certifying Party's E-mail address.

Section VII Agreement to Notify DEC After Property Transfer/Sale

This section must be filled out for all property transfers of all or part of the site. If the site also has a CoC, then the CoC shall be transferred using DEC's form found at http://www.dec.ny.gov/chemical/54736.html

Filling out and signing this section of the form indicates you will comply with the post transfer notifications within the required timeframes specified on the form. If a CoC has been issued for the site, the DEC will allow 30 days for the post transfer notification so that the "Notice of CoC Transfer Form" and proof of it's filing can be included. Normally the required post transfer notification must be submitted within 15 day (per 375-1.11(d)(3)(ii)) when no CoC is involved.

Name	Current property owner must sign and date the form on the designated lines. Print owner's name on the line provided.
Address1	Current owner's street address.
Address2	Current owner's city, state and zip code.

Site Code: C224315

NEW YORK STATE | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

Please refer to the attached instructions for guidance on completing this application.

Submission of a full BCP application will be required should this application be determined to be a major amendment. If the amendment seeks to add or subtract more than an insignificant acreage of property to the BCA, applicants are encouraged to consult with the DEC project team prior to submitting this application.

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

1. Check the appropriate box(es) below based on the nature of the amendment modification(s) requested:

☐ Amendment to modify the existing BCA (check one or more boxes below):

- ☐ Add applicant(s)
- ☐ Substitute applicant(s)
- ☐ Remove applicant(s)
- ☐ Change in name of applicant(s)

☐ Amendment to reflect a transfer of title to all or part of the brownfield site:

a. A copy of the recorded deed must be provided. Is this attached? ◯ Yes ◯ No

b. ☐ Change in ownership ☐ Additional owner (such as a beneficial owner)

c. Pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been submitted prior to a transfer of ownership. If this has not yet been submitted, include the form with this application. Is this form attached? ◯ Yes ◯ No Submitted on: _____

☐ Amendment to modify description of the property(ies) listed in the existing BCA

☐ Amendment to expand or reduce property boundaries of the property(ies) listed in the existing BCA

☑ Sites in Bronx, Kings, New York, Queens or Richmond Counties ONLY: amendment to request determination that the site is eligible for tangible property credit component of the brownfield redevelopment tax credit.

☐ Other (explain in detail below)

2. REQUIRED: Please provide a brief narrative describing the specific requests included in this amendment:

Applicants hereby request a determination that the Site is eligible for tangible property credits, based on the Regulatory Agreement between 170 Freeman LLC and the City of New York Department of Housing Preservation and Development, dated May 16, 2024. See attached.

SECTION I: CURRENT AGREEMENT INFORMATION *This section must be completed in full. Attach additional pages as necessary.*	
BCP SITE NAME: 1036 Manhattan Ave. BCP Site	BCP SITE NUMBER: C224315
NAME OF CURRENT APPLICANT(S): BK Corners LLC and 170 Freeman LLC	
INDEX NUMBER OF AGREEMENT: C224315-03-21	DATE OF ORIGINAL AGREEMENT: 04/09/2021
APPLICANT'S SIGNATORY: Marshall Kesten (BK Corners LLC) and Joshua Greenberg (170 Freeman LLC)	

SECTION II: NEW REQUESTOR INFORMATION *Complete this section only if adding new requestor(s) or the name of an existing requestor has changed.*		
NAME:		
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR CONTACT:		
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR'S CONSULTANT:	CONTACT:	
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	
REQUESTOR'S ATTORNEY:	CONTACT:	
ADDRESS:		
CITY/TOWN:		ZIP CODE:
PHONE:	EMAIL:	

		Y	N
1.	Is the requestor authorized to conduct business in New York State?	○	○
2.	If the requestor is a corporation, LLC, LLP, or other entity requiring authorization from the NYS Department of State (NYSDOS) to conduct business in NYS, the requestor's name must appear exactly as given above in the NYSDOS Corporation & Business Entity Database. A print-out of entity information from the NYSDOS database must be submitted with this application. Is this print-out attached?	○	○
3.	Requestor must submit proof that the party signing this application and amendment has the authority to bind the requestor. This would be documentation showing the authority to bind the requestor in the form of corporate organizational papers, a Corporate Resolution or an Operating Agreement or Resolution for an LLC. Is this proof attached?	○	○
4.	If the requestor is an LLC, the names of the members/owners must be provided. Is this information attached? **N/A** ○	○	○
5.	Describe the new requestor's relationship to all existing applicants:		

SECTION III: CURRENT PROPERTY OWNER/OPERATOR INFORMATION *Complete this section only if a transfer of ownership has taken place. Attach additional pages if necessary.*			
Owner listed below is: ◉ Existing Applicant ○ New Applicant ○ Non-Applicant			
OWNER'S NAME:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		
OPERATOR:		CONTACT:	
ADDRESS:			
CITY/TOWN:		ZIP CODE:	
PHONE:	EMAIL:		

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION
Complete this section only if adding new requestor(s). Attach additional pages if necessary.

If answering "yes" to any of the following questions, please provide additional information as an attachment. Please refer to ECL § 27-1407 for details.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	○	○
2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site?	○	○
3. Is the requestor subject to an outstanding claim by the Spill Fund for the site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.	○	○
4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of (i) any provision of the subject law; (ii) any order or determination; (iii) any regulation implementing ECL Article 27 Title 14; or (iv) any similar statute or regulation of the state or federal government? If so, provide additional information as an attachment.	○	○
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as site name, address, DEC site number, reason for denial, and any other relevant information.	○	○
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting or contaminants?	○	○
7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting of contaminants; or (ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state?	○	○
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department?	○	○

SECTION IV: NEW REQUESTOR ELIGIBILITY INFORMATION (continued)	Y	N
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application?	◯	◯
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order?	◯	◯
11. Are there any unregistered bulk storage tanks on-site which require registration?	◯	◯

12. THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405(1) BY CHECKING ONE OF THE BOXES BELOW:

◯ PARTICIPANT

A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.

◯ VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of a hazardous waste or discharge of petroleum.

NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that they have exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: (i) stop any continuing discharge; (ii) prevent any threatened future release; (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste.

If a requestor's liability arises solely as a result of ownership, operation of or involvement with the site, they must submit a statement describing why they should be considered a volunteer – be specific as to the appropriate care taken.

	N/A	Y	N
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?	◯	◯	◯

14. Requestor's relationship to the property (check all that apply):

☐ Prior Owner ☐ Current Owner ☐ Potential/Future Purchaser ☐ Other: _____

	N/A	Y	N
15. If the requestor is not the current site owner, proof of site access sufficient to complete the remediation must be submitted. Proof must show that the requestor will have access to the property before being added to the BCA and throughout the BCP project, including the ability to place an easement on the site. Is this proof attached?	◯	◯	◯

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES

Complete this section only if property is being added to or removed from the site, a lot merger or other change to site SBL(s) has occurred, or if modifying the site address for any reason.

1. Property information on current agreement (as modified by any previous amendments, if applicable):

ADDRESS:

CITY/TOWN: ZIP CODE:

CURRENT PROPERTY INFORMATION — TOTAL ACREAGE OF CURRENT SITE:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

2. Requested change (check appropriate boxes below):

a. Addition of property (may require additional citizen participation depending on the nature of the expansion – see instructions)

PARCELS ADDED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE ADDED: _____

b. Reduction of property

PARCELS REMOVED:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

TOTAL ACREAGE TO BE REMOVED: _____

c. Change to SBL (e.g., lot merge, subdivision, address change)

NEW PROPERTY INFORMATION:

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

3. TOTAL REVISED SITE ACREAGE: _____

4. For all changes requested in this section, documentation must be provided. Required attachments are listed in the application instructions. Is the required documentation attached?	Y ◯	N ◯

SECTION V: PROPERTY DESCRIPTION AND REQUESTED CHANGES (continued)

Complete this section for any addition of property. Use additional copies of this section as necessary.

5. Property information for parcels being added to the BCA

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

CURRENT OWNER:	CONTACT NAME:		
ADDRESS:			
CITY:	STATE:	ZIP:	
PHONE:	EMAIL:		
OWNERSHIP START DATE:			
CURRENT OPERATOR:	CONTACT NAME:		
PHONE:	EMAIL:		

REQUESTOR RELATIONSHIP TO NEW PROPERTY (*select from below*)

☐ PREVIOUS OWNER ☐ CURRENT OWNER ☐ POTENTIAL/FUTURE PURCHASER ☐ OTHER: _____

If the applicant is not the current owner of the property, documentation demonstrating site access (which includes the ability to place an environmental easement on the site) must be provided. If the applicant currently owns the property being added to the site, a copy of the deed must be included.

IS PROOF OF ACCESS / OWNERSHIP ATTACHED? ◯ YES ◯ NO ◯ N/A

PARCEL ADDRESS	SECTION	BLOCK	LOT	ACREAGE

CURRENT OWNER:	CONTACT NAME:		
ADDRESS:			
CITY:	STATE:	ZIP:	
PHONE:	EMAIL:		
OWNERSHIP START DATE:			
CURRENT OPERATOR:	CONTACT NAME:		
PHONE:	EMAIL:		

REQUESTOR RELATIONSHIP TO NEW PROPERTY (*select from below*)

☐ PREVIOUS OWNER ☐ CURRENT OWNER ☐ POTENTIAL/FUTURE PURCHASER ☐ OTHER: _____

If the applicant is not the current owner of the property, documentation demonstrating site access (which includes the ability to place an environmental easement on the site) must be provided. If the applicant currently owns the property being added to the site, a copy of the deed must be included.

IS PROOF OF ACCESS / OWNERSHIP ATTACHED? ◯ YES ◯ NO ◯ N/A

6. Data supporting the addition of property to the site must be included. Please refer to the instructions for a list of required tables and figures.

ARE THE REQUIRED FIGURES AND TABLES ATTACHED?

◯ YES ◯ NO ◯ N/A (land being added has been merged with an existing BCP lot and the applicant is not seeking to add more than an insignificant acreage of property to the BCA)

APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT SUPPLEMENT QUESTIONS FOR SITE SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY

Complete this section only if the site is located within the five counties comprising New York City and the requestor is seeking a determination of eligibility for tangible property credits. Provide supporting documentation as required. Refer to the application instructions for additional information.

	Y	N
1. Is the site located in Bronx, Kings, New York, Queens or Richmond County?	◉	○
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	◉	○
3. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information.	○	◉
4. Is the property upside down as defined below? **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.	○	◉
5. <u>For new tax parcels being added to the BCA through this amendment ONLY</u>: Are the parcels being added underutilized as defined below? **From 6 NYCRR 375-3.2(l) as of August 12, 2016** (Please note: Eligibility determination for the underutilized category for the new tax parcels can only be made at the time of amendment application): 375-3.2: (l) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and (1) the proposed use is at least 75 percent for industrial uses; or (2) at which: (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses; (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and (iii) one or more of the following conditions exists, as certified by the applicant: (a) property tax payments have been in arrears for at least five years immediately prior to the application; (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or (c) there are no structures. "Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.	○	○

6. Is the project and affordable housing project as defined below? **From 6 NYCRR 375-3.2(a) as of August 12, 2016:** (a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units. (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' household's annual gross income. (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners at a defined maximum percentage of the area median income. (3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States Department of Housing and Urban Development, or its successor, for a family of four, as adjusted for family size.	◉	○
7. Is the project a planned renewable energy facility site as defined below? **From ECL 27-1405(33) as of April 9, 2022:** "Renewable energy facility site" shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. **From Public Service Law Article 4 Section 66-p as of April 23, 2021:** (b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.	○	◉
8. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and meets the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law? **From ECL 75-0111 as of April 9, 2022:** (5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.	◉	○

Site Code: C224315

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am the Manager (title) of BK Corners LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Marshall Kesten's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 8/26/25 Signature: _____

Print Name: Marshall Kesten

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

X PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: _____

Signature by the Department:

DATED: 10/17/2025

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Assistant Director
Division of Environmental Remediation

Site Code: C224315

STATEMENT OF CERTIFICATION AND SIGNATURES: EXISTING APPLICANT(S)
An authorized representative of each applicant must complete and sign the appropriate section (individual or entity) below. Attach additional pages as needed.

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____ Signature: _____

Print Name: _____

(Entity)

I hereby affirm that I am an Authorized Signatory (title) of 170 Freeman LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. Joshua Greenberg's signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 8-12-2025 Signature: _____

Print Name: Joshua Greenberg

PLEASE SEE THE FOLLOWING PAGE FOR SUBMITTAL INSTRUCTIONS

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

X PARTICIPANT A requestor who either (1) was the owner of the site at the time of the disposal of contamination or (2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement: _____

Signature by the Department:

DATED: 10/17/2025

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

By:

Janet E. Brown

Janet E. Brown, Director Division of Environmental Remediation

Rider to BCA Amendment # 4 to Document a Tangible Property Tax Credit Determination

Site Name: 1036 Manhattan Ave BCP Site
Site Number: C224315

1- The Department has determined that the Site is eligible for tangible property tax credits pursuant to ECL § 27-1407(1-a) because the Site is located in a City having a population of one million or more and:

☐ At least half of the site area is located in an environmental zone as defined in section twenty-one of the tax law
☐ The property is upside down, as defined by ECL 27-1405 (31)
☐ The property is underutilized, as defined by 375-3.2(l).
☒ The project is an affordable housing project, as defined by 375-3.2(a).

2- The Site is located in a City having a population of one million or more and the Applicant:

☐ Has not requested a determination that the Site is eligible for tangible property tax credits. It is therefore presumed that the Site is not eligible for tangible property tax credits. In accordance with ECL § 27-1407(1-a), the Applicant may request an eligibility determination for tangible property tax credits at any time from application until the site receives a certificate of completion except for sites seeking eligibility under the underutilized category.

☐ Requested a determination that the Site is eligible for tangible property tax credits and pursuant to ECL § 27-1407(1-a), the Department has determined that the Site is not eligible for tangible property tax credits because the Applicant has not submitted documentation sufficient to demonstrate that at least one of the following conditions exists: at least half of the site area is located in an environmental zone as defined in section twenty-one of the tax law, the property is upside down, the property is underutilized, or the project is an affordable housing project. In accordance with ECL § 27-1407(1-a), the Applicant may request an eligibility determination for tangible property tax credits at any time from application until the site receives a certificate of completion except for sites seeking eligibility under the underutilized category.

3- For sites statewide, where applicable:

☐ In accordance with ECL § 27-1407(1-a), based on data submitted with the application the Department has determined the Site is not eligible for tangible property tax credits because the contamination in ground water and/or soil vapor is solely emanating from property other than the Site.

☐ The remedial investigation or other data generated during the remedial program the Department has identified an on-site source of contamination, which now makes this site eligible for tangible property tax credits.

☐ The Department has determined that the Site or a portion of the Site has previously been remediated pursuant to Article 27, Title 9, 13 or 14] of the ECL, Article 12 of the Navigation Law or Article 56, Title 5 of the ECL. Therefore, in accordance with ECL § 27-1407(1-a), the Site is not eligible for tangible property tax credits.

THIS RIDER TO AN AMENDMENT TO THE BCA ESTABLISHING ELIGIBILTY FOR TANGIBLE PROPERTY TAX CREDITS IS HEREBY APPROVED, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: Janet E. Brown 10/17/2025

Janet Brown, P.E. Date
Assistant Division Director
Division of Environmental Remediation

SUBMITTAL REQUIREMENTS:

- The Department accepts both hard copy and electronic submittal of the *Application to Amend Brownfield Cleanup Agreement and Amendment* form.
- Hard copy submissions must also include an electronic version of the complete application form and attachments, in final, non-fillable Portable Document Format (PDF), on an external storage device (such as a thumb drive or CD). Applications must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway, 12th Floor
  Albany, NY 12233-7015
- NOTE: Electronic applications submitted in fillable format will be rejected.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2024052201029004002EDF75

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 51**

Document ID: 2024052201029004 Document Date: 05-16-2024 Preparation Date: 05-23-2024
Document Type: AGREEMENT
Document Page Count: 49

PRESENTER:
FIRST AMERICAN TITLE INSURANCE CO. NCS
666 THIRD AVENUE
1205909
NEW YORK, NY 10017
212-850-0644
JGAMBOA@FIRSTAM.COM

RETURN TO:
DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT
100 GOLD STREET,ROOM 5-S7
NEW YORK, NY 10038

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	2513	6	Entire Lot	170 FREEMAN STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

PARTY 1:
170 FREEMAN LLC
228 PARK AVENUE SOUTH, PMB 53318
NEW YORK, NY 10003

☒ Additional Parties Listed on Continuation Page

PARTY 2:
CITY OF NEW YORK
100 GOLD STREET
NEW YORK, NY 10038

FEES AND TAXES

Mortgage :

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	282.00
Affidavit Fee:	$	0.00

Filing Fee: $ 0.00

NYC Real Property Transfer Tax: $ 0.00

NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 05-30-2024 08:08
City Register File No.(CRFN): **2024000136768**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2024052201029004002CDDF5

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 51**

Document ID: 2024052201029004 Document Date: 05-16-2024 Preparation Date: 05-23-2024
Document Type: AGREEMENT

PARTIES

PARTY 2:
DEPARTMENT OF HOUSING PRESERVATION AND
DEVELOPMENT
100 GOLD STREET
NEW YORK, NY 10038

1205909

REGULATORY AGREEMENT

THIS REGULATORY AGREEMENT made as of May 16, 2024 by and between **170 Freeman LLC**, a Delaware liability company formed pursuant to the laws of the State of Delaware having its office at 228 Park Avenue South, PMB 53318, New York, New York 10003 (the "Applicant"), and the **CITY OF NEW YORK** (the "City"), a municipal corporation acting by and through its **DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT** (the "Department"), having an office at 100 Gold Street, New York, New York 10038.

WHEREAS, the Applicant is the owner in fee simple of the premises located in the County of Kings, City and State of New York, known as 170 Freeman Street, and identified as Block 2513, Lot 6 on the Tax Map of the City (as improved pursuant to this Regulatory Agreement), (the "Premises"), more particularly described in Exhibit A attached hereto and made a part hereof; and

WHEREAS, Applicant intends to construct improvements on such Premises, which improvements will constitute Affordable Housing within the meaning of Section 23-911 of the New York City Zoning Resolution (the "Resolution") and the Inclusionary Housing Program Guidelines (the "Guidelines") (the Guidelines and Resolution are collectively referred to as the "Program"); and

WHEREAS, the Department has been duly authorized to administer the Program, including the execution of a Regulatory Agreement between the Department and Applicant for Floor Area Compensation under the Program (the "Agreement"); and

WHEREAS, Applicant has filed with the Department an Affordable Housing Plan pursuant to Section 23-961(d) of the Resolution, attached hereto and made a part hereof as Exhibit B (the "Plan"), and the Department has evaluated and approved the Plan as such terms and requirements of the Plan are reflected in this Agreement; and

WHEREAS, Applicant intends to provide Low Income Floor Area (as defined in Section 23-911 of the Resolution (the "Affordable Housing Units") to be affordable to and occupied by families having incomes less than or equal to the Low Income Limit in order to enable one or more new multiple dwellings (the "Compensated Development(s)"), to be eligible under the Program for Floor Area Compensation pursuant to Section 23-932 (R10) or Section 23-154 (Inclusionary Housing designated areas) of the Resolution; and

WHEREAS, the parties hereto wish to enter into this Agreement to set forth the rights and obligations hereunder;

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, it is hereby agreed as follows:

1. Capitalized terms not specifically defined herein shall have the meaning set forth in the Program.

2. Applicant will create, through new construction eleven (11) Affordable Housing Units pursuant to the building plans submitted to and approved by the Department ("Building Plans"), located at the Premises (the "Building"). Attached hereto as part of Exhibit C, is a list identifying each Affordable Housing Unit.

3. The eleven (11) Affordable Housing Units are to be occupied by Low Income Households, as defined in the Resolution, which will permit Floor Area Compensation in conformance with the Resolution.

4. The authority pursuant to the Resolution to create additional Floor Area in the Compensated Development(s), granted in accordance with this Agreement, may be used on-site on the Premises only by Applicant or by whomever Applicant directs the Department, in writing, to receive such authority, subject to the geographic and zoning limitations set forth in the Resolution and subject to the requirements of the Program.

5. The parties hereto agree that the site of the subject Affordable Housing Units is eligible for the construction of Low Income Floor Area pursuant to the Program and the requirements of Sections 23-90 (Inclusionary Housing), inclusive of the Resolution and based on an opinion of counsel, the site meets the requirements of RPTL §421-a. The parties also agree that Applicant shall complete the subject Affordable Housing Units application for tax exemption under the RPTL §421-a, unless the Department has waived, in writing, the necessity for such tax exemption. The parties hereto further agree that (a) Applicant shall not permit the Building Plans to be professionally certified to the City of New York Department of Buildings ("DOB"), (b) Applicant shall submit such Building Plans to a DOB plan examiner for review, (c) applicable zoning calculations also shall be approved by a DOB plan examiner, and (d) construction of the Affordable Housing Units, as described in the request, is in accordance with the Program requirements and with the Building Plans, with respect to the Affordable Housing Units, (which Program requirements and Building Plans are collectively defined as "Construction Requirements"). The Construction Requirements that relate to the Program requirements or Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) shall not be altered without the Department's written approval.

   Applicant shall complete the construction of the Affordable Housing Units within three (3) years from the date of this Agreement ("Completion Deadline"). The construction of the Affordable Housing Units shall be deemed complete upon the Department's issuance, for presentation to the DOB, of a Completion Notice in accordance with Section 9 of this Agreement ("Completion").

6. This Agreement is subject to the Applicant's compliance with the requirements set forth in the Program. The Department acknowledges that, as of the date of this Agreement, Applicant has satisfied applicable requirements set forth in Sections 23-90 (Inclusionary Housing), inclusive of the Resolution.

7. The Affordable Housing Units created pursuant to this Agreement will be occupied solely by tenants who are Low Income Households at the time of such tenant's Initial Occupancy of such housing and shall be operated as Affordable Housing for Low Income Households for the life of the increased Floor Area of the Compensated Development(s). Such obligation shall run with the tax lot(s) within the zoning lot containing such Affordable Housing Units.

8. (i) The rents charged by Applicant for the Affordable Housing Units upon Rent-up of such units shall (a) not exceed the rents set forth in the schedule attached hereto as Exhibit D, which have been established by the Department pursuant to Section 23-961(b) of the Resolution, (b) be registered with the New York State Division of Housing and Community Renewal or any successor agency ("DHCR"), and (c) thereafter shall be subject to Rent Stabilization for the term of this Agreement and upon termination of this Agreement in accordance with Section 8(v). Applicant shall register all Affordable Housing Units with DHCR upon the earlier to occur of: (A) the occupancy of the last remaining unit, or (B) one year from the Completion Deadline (hereinafter, the "DHCR Registration Deadline").

(ii) Rents for existing tenants of the Affordable Housing Units upon renewal of leases for such units or at any time during the term of the lease shall be the lesser of (a) the rent allowed by Rent Stabilization, or (b) the Maximum Monthly Rent for Low Income Households, or (c) for units rented to households with incomes, at Initial Occupancy, below the Low Income Limit, the last rent charged for such unit plus the percentage increase established by the Rent Guidelines Board or its successor entity at the time of such renewal or at any time during the lease.

(iii) Upon rental of an Affordable Housing Unit that becomes vacant after Initial Occupancy, to a new tenant, the rent shall be the lesser of the rent allowed by Rent Stabilization or the Maximum Monthly Rent for Low Income Households.

(iv) Notwithstanding anything to the contrary contained herein, Applicant shall not utilize any exemption or exclusion from any requirement of Rent Stabilization to which Applicant might otherwise be or become entitled with respect to one or more Affordable Housing Units, including, but not limited to, any exemption or exclusion from the rent limits, renewal lease requirements, registration requirements, or other provisions of Rent Stabilization due to (i) the vacancy of a unit where the rent exceeds a prescribed maximum amount, (ii) the fact that tenant income and/or a unit's rent exceeds prescribed maximum amounts, (iii) the nature of the tenant, or (iv) any other factor.

(v) In the event that the Affordable Housing Units are not located in the Compensated Development and the increased Floor Area of the Compensated Development generated by such Affordable Housing Units ceases to exist, the Affordable Housing Units shall continue to remain subject to Rent Stabilization so long as the existing tenants in occupancy remain tenants pursuant to the provisions of Rent Stabilization.

(vi) Applicant shall grant all tenants of the Affordable Housing Units the same rights that they would be entitled pursuant to Rent Stabilization. In addition, Applicant shall register the Affordable Housing Units with DHCR pursuant to Rent Stabilization, and such units shall be subject to Rent Stabilization without regard to whether such Affordable Housing Units are statutorily subject to Rent Stabilization. Applicant shall ensure that these rights are stated in each lease for an Affordable Housing Unit. If any court declares that Rent Stabilization is statutorily inapplicable to an Affordable Housing Unit, such Affordable Housing Unit shall remain in Rent Stabilization in accordance with this Agreement and the lease for such Affordable Housing Unit for the remainder of the Regulatory Period.

9. Applicant agrees not to request or accept a Certificate of Occupancy ("C of O") or a Temporary Certificate of Occupancy ("T C of O") for any portion of the Compensated Development that utilizes Floor Area Compensation until the Department issues a Completion Notice to such Compensated Development.

The Department shall issue a Completion Notice upon Applicant's compliance with the following requirements (a) through (o) of this Section 9:

(a) (1) submission of proof that each Affordable Housing Unit that is not located in the portion of the Compensated Development that utilizes Floor Area Compensation, has received a C of O or a T C of O, and (2) where applicable each Affordable Housing Unit that is located in the portion of the Compensated Development that utilizes Floor Area Compensation has received certification from DOB that such Affordable Housing Unit is eligible to receive its C of O or T C of O upon the Department's issuance of a Completion Notice; and

(b) at the discretion of the Department, performance by the Department of a site inspection which establishes to the satisfaction of the Department that (i) the Affordable Housing Units meet the requirements of Sections 23-96(b), (c) and (d) of the Resolution and (ii) the Building meets the requirements of Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and implementing regulations at 24 CFR part 8; and

(c) omitted; and

(d) funding of the Special Reserve Fund in accordance with Section 15 of this Agreement; and

(e) submission of proof, satisfactory to the Department, that the Affordable Housing Units are being rented in accordance with Sections 8, 21 and 22 of this Agreement and that Applicant has entered into leases with tenants for at least ten percent (10%) of the Affordable Housing Units in accordance with the Program, pursuant to which the tenants may begin occupancy upon the issuance of a C of O or T C of O; and

(f) submission of certificates of insurance required by Section 12 of this Agreement with all premiums for the current year fully paid; and

(g) submission on or after the date that DOB either certifies to the Department that DOB is prepared to issue the C of O or the T C of O for all of the Affordable Housing Units or that DOB has issued the C of O or the T C of O for all of the Affordable Housing Units, as the case may be, of (i) a policy of fee title insurance dated as of the date the Applicant acquired title to the Premises or, in the case of transfer of ownership of the property containing the Affordable Housing Units in accordance with Section 23 of this Agreement, dated on or after the date of such transfer or a title policy insuring the lien of mortgage of the primary lender for the Building and/or the Premises or such lender's credit enhancer, dated as of the date of the closing of the financing of such mortgage, will satisfy the foregoing (the "Title Policy"), where such Title Policy (a) has been issued by a title company in good standing licensed to issue title insurance in New York State and contains the Standard New York Endorsement (Owner's Policy) in substantially the form that appears as Exhibit E hereto, (b) such Title Policy evidences fee simple ownership of the Applicant in the Premises, and the absence of liens and other encumbrances on the Premises other than those approved by the Department, (ii) proof of payment of premiums therefore, and (iii) title continuations run by the title company from the date of the Title Policy to the date of submission of such Title Policy together with a letter from the title company confirming the absence of liens and encumbrances on the Premises other than those previously approved by the Department and mechanics liens which have been bonded; and

(h) submission of an executed contract between the Department and the Administering Agent in accordance with Section 11 of this Agreement; and

(i) submission of a Memorandum of Regulatory Agreement, where applicable, and stamped as recorded separately in the Office of the City Register in accordance with Section 24 and Section 29 respectively, of this Agreement; and

(j) submission of proof that any required subordination and non-disturbance agreement was recorded immediately following execution thereof and that Applicant fully complied with the requirements of Section 19 of this Agreement; and

(k) submission of, (1) proof of registration of the building on the Premises that contains the Affordable Housing Units and all occupied Affordable Housing Units with the DHCR, and, if the Building is not fully occupied, an affidavit stating that Applicant shall register all remaining Affordable Housing Units as they become occupied; (2) proof that such building is entirely free of violations of record issued by any City or State agency pursuant to the Multiple Dwelling Law, the Building Code, the Housing Maintenance Code and the Program, and (3) submission of an affidavit stating that Applicant shall complete multiple dwelling registration of the building on the Premises, that contains the Affordable Housing Units, in accordance with the New York City Housing Maintenance Code; and

(l) certification that the representations, warranties and statements made by the Applicant that are contained in this Agreement and in any other documents executed in connection with this Agreement remain true and correct as of the date on which the foregoing conditions have been satisfied; and

(m) submission of proof that the Building Plans were reviewed by a DOB plan examiner and submission of a zoning sheet approved by DOB after the issuance of a temporary certificate of occupancy; the Department's issuance of the Completion Notice shall be based upon such DOB approved calculations; and

(n) where applicable, submission of proof of completion of all applications for tax exemptions and/or abatements and that Applicant has fully complied with Section 5 of this Agreement. With respect to an application for real property tax exemption benefits pursuant to Article XI of the Private Housing Finance Law ("Article XI"), Applicant shall be deemed to have complied with this Section 9(n) when Applicant has provided the Department with all information the Department deems necessary for it to submit a request, on behalf of Applicant, to the New York City Council for real property tax exemption benefits for the Affordable Housing pursuant to Article XI; and

(o) compliance with the terms of this Agreement and the Program.

10. Warranties. Applicant shall obtain and retain commercially reasonable warranties of the work on the Affordable Housing Units from the general contractor and all subcontractors performing such work and, at the Department's request, shall submit such warranties for inspection.

11. Renting Affordable Housing Units. Applicant has contracted with HOUSING LINE INC., a not-for-profit organization qualified by the Department to participate in the Program, to act as Administering Agent for the Affordable Housing Units ("Administering Agent"). The Administering Agent shall ensure that Affordable Housing Units are rented at Rent-up and each subsequent vacancy, in compliance with the Plan and all of the requirements of the Program. Within sixty (60) days of the DHCR Registration Deadline, the Administering Agent shall submit an affidavit to the Department attesting that the Monthly Rent registered and charged for each Affordable Housing Unit, complied with the Monthly Rent requirements for such unit, at Initial Occupancy. Each year after the DHCR Registration Deadline, in the month of March, the Administering Agent shall submit an affidavit to the

Department attesting that each lease or sublease of an Affordable Housing Unit or renewal thereof, during the preceding year, complied with the applicable Monthly Rent requirements of the Program. A contract between the Administering Agent and the Department ("Administering Agent Agreement") is attached and made a part hereof as Exhibit F. The Department reserves the right to replace the Administering Agent in the event that the Affordable Housing Units are not rented at Rent-up and each subsequent vacancy thereafter in compliance with the Program. Applicant may not terminate its agreement with the Administering Agent without simultaneously entering into a new Administering Agent Agreement approved in writing by the Department.

Nothing stated herein limits or modifies in any way whatsoever the requirement contained in Section 7 herein that the Affordable Housing Units be operated as such for the life of the increased floor area of the Compensated Development(s).

12. Insurance.

(a) Insurance.

(i) Applicant shall obtain and maintain in force all-risk casualty insurance, including broad form extended coverage that, in the event of a casualty to the Building containing the Affordable Housing Units, will pay an amount of insurance equal to the full replacement value of the Building containing the Affordable Housing Units.

(ii) Applicant shall obtain and maintain in force commercial general liability insurance and other insurance of commercially reasonable types and amounts with respect to the Building containing the Affordable Housing Units.

(b) Casualty.

(i) In the event of a casualty, Applicant and/or the Administering Agent shall promptly notify the Department thereof. The Department agrees that, subject to the terms and conditions set forth in this Section 12, the proceeds of the insurance on the Premises may be utilized as determined by the lender or lenders participating in the financing of the Building (collectively, the "Financiers", and individually each a "Financier") in accordance with the documents governing such Financiers' loan(s), copies of which have been provided to the Department (the "Loan Documents"). Applicant shall promptly inform the Department of the disposition of such insurance proceeds.

(ii) (A) In the event of a partial casualty, to the extent that any additional Floor Area created pursuant to this Agreement continues to exist or is reconstructed after such casualty, the Affordable Housing Units shall be reconstructed so as to maintain in the Building the same ratio of Affordable Housing to the additional Floor Area as existed prior to such casualty, notwithstanding the availability of, or priority of payment of, insurance proceeds, and the terms of this Agreement shall remain in full force and effect.

(B) If the Applicant and Financiers determine that due to the nature of the casualty and the condition of the remaining structure, it is not practicable

to include the Affordable Housing Units as originally configured in the replacement building, the Affordable Housing Units may be reconstructed in a location other than the Premises in accordance with the requirements of this Agreement and the Program.

(iii) In the event of a total casualty, where all additional Floor Area created pursuant to this Agreement ceases to exist and the Applicant elects not to utilize the additional Floor Area in the restored building, if any, then all proceeds shall be applied in accordance with the Loan Documents.

(iv) Applicant agrees that if the Building containing the Affordable Housing Units is reconstructed as provided in Section 12(b)(ii), then: (A) at such time as the restored portion of the Building or any new building is ready for occupancy, the Affordable Housing Units on each restored floor shall be made available for occupancy and re-rented concurrently with the market rate units on the same floor; (B) Applicant shall restore, repair, replace, rebuild, alter or otherwise improve the Affordable Housing Units in accordance with this Agreement and the Program in effect as of the date hereof; (C) such construction shall be free of all violations under the New York City Building Code, the New York State Multiple Dwelling Law and the New York City Housing Maintenance Code, and (D) Applicant shall, upon request of the Department, amend this Agreement to reflect any changes to the number, configuration or location of the Affordable Housing Units in any replacement building or off site location for the Affordable Housing Units made in accordance with this Section 12.

(v) The Department acknowledges and agrees that Applicant has the right to require the Financiers under any current or future mortgage to use the insurance proceeds for the rebuilding of the Premises (with certain protective procedures).

13. Construction Monitoring. The Department may monitor the construction of the Affordable Housing Units in any reasonable manner, including inspection of the Premises. Upon request (a) Applicant shall give the Department notice of planning and construction progress meetings by telephone or in writing and (b) the Department may (i) participate in planning and construction progress meetings, (ii) review construction contracts, plans, specifications and materials samples and (iii) review proposed changes to the foregoing. Applicant shall give to the Department (x) following the Department's request for any documents or materials pursuant to the preceding sentence, notice of proposed changes to such documents or materials, and (y) notice of any casualty to or other material event concerning the work on the Affordable Housing Units.

14. Disclosure of Financial Arrangements. Upon the request of the Department, Applicant shall fully disclose the financial terms and arrangements relating to the Affordable Housing Units and sale or use by Applicant of the Completion Notice. In the event that the Department obtains information pursuant to this Section 14, the Department shall thereafter disclose such information to third parties only as required by law, except that such data may be used and disclosed without attribution to Applicant as part of an analysis of the Program.

15. Special Reserve Fund. Simultaneous with or prior to the issuance of a Completion Notice, Applicant will fund a special operating reserve fund (the "Special Reserve Fund") in the amount of either: (1) **Eighteen Thousand Six Hundred Five Dollars and 45/100**

($18,605.45), which represents $2.25 per square foot of Affordable Housing as stated in the architect self-certification submitted to the Department on February 8, 2024 (the "Architect Certification") or (2) if, in accordance with Section 9(m), the DOB approves zoning calculations that differ from the Architect Certification, then $2.25 per square foot of Affordable Housing as stated in such DOB approved zoning calculations, which shall be placed in a blocked reserve account to be administered by the Department or its designee. The Special Reserve Fund and the interest accrued thereon shall belong to the Premises and the owner of such Premises and shall be used solely for the benefit of the Affordable Housing Units. The Special Reserve Fund is separate from the Building reserve fund built into the rent roll that will accumulate over time. The proceeds of the Special Reserve Fund shall be available to pay for unanticipated increases in the cost of operating and maintaining the Affordable Housing Units (including, but not limited to, escalating real estate taxes), or for capital repairs or improvements, the cost of which cannot be covered by the Building's capital reserve fund. Expenditures from the Special Reserve Fund shall be made solely at the discretion of the Department and may be made by the Department on behalf of Applicant.

If the Department authorizes any expenditures to be made from the Special Reserve Fund, Applicant shall replenish the Special Reserve Fund in the amount of the total sum of all such authorized expenditures by applying the excess of collected rents over actual operating expenses until all such repayments have been made. Such repayments into the Special Reserve Fund shall be made prior to the payment of any unpaid developer, syndication or partnership fees. In addition, such repayments shall be supported by the most recent financial statements, an independent auditor's report and a rent roll for the Premises. Applicant may choose to replenish such Special Reserve Fund on a calendar year basis or on a fiscal year basis. In addition, upon sale, transfer or other disposition of the Affordable Housing Units or any interest therein, Applicant, shall repay, in full, all amounts withdrawn from and owed to the Special Reserve Fund.

16. Inspection.

(a) The Department shall have full authority to inspect the Affordable Housing Units without prior notice during business hours and Applicant and the Administering Agent shall cooperate fully with the Department in any such inspection. The Department shall have authority to inspect the Affordable Housing Units other than during business hours on three (3) days prior notice.

(b) The Department shall have full authority to inspect the books and records of Applicant and the Administering Agent without prior notice during business hours and Applicant and the Administering Agent shall cooperate fully with the Department in any such inspection. Applicant and the Administering Agent shall furnish copies of all books and records with respect to the Affordable Housing Units, to the Department, without cost to the Department, upon five (5) days prior written request.

17. Operating Accounts. Applicant shall provide the Department with the names and locations of all bank accounts established with respect to the management and operation of the Affordable Housing Units by Applicant (the "Operating Accounts"). All such accounts shall confer plenary authority on the Department to freeze such accounts, which authority the Department shall exercise subject to Section 18 of this Agreement. Furthermore, Applicant shall provide the Department with annual operating statements for the Affordable Housing Units.

18. Remedies of the Department.

(a) If Applicant violates any of the terms of this Agreement, or if any of the representations and warranties by Applicant set forth in Section 9(l) of this Agreement are determined to be false, then the Department may declare a default under this Agreement.

(b) Upon declaration of a default under this Agreement, the Department shall give Applicant and the Administering Agent, as applicable, notice thereof by facsimile, hand delivery or reputable overnight courier and a reasonable opportunity to cure (if such default can be cured). If at the end of the cure period (if any) the default has not been cured, then the Department shall provide Applicant and the Administering Agent, as applicable, notice thereof and shall provide Applicant and the Administering Agent an opportunity to be heard on not less than three (3) days prior written notice. Following such hearing, upon the existence of an uncured default under this Agreement, the Department may (i) assume responsibility for management of the Affordable Housing Units directly or through a third party designated by it, (ii) freeze the Operating Accounts, (iii) seek specific performance of this Agreement or an injunction against its violation, (iv) have a receiver of its choice appointed during the pendency of any litigation, (v) seek monetary damages against Applicant, and/or (vi) terminate this Agreement with respect to any portion of the Affordable Housing Units for which a Completion Notice pursuant to Section 9 has not been issued. In the event that the Department exercises its rights under clause (ii) of this Section 18(b) and provided that there are sufficient funds in the Operating Accounts then the Department shall use the funds in such Operating Accounts to make payments due under the loan documents for previously approved mortgage loans of the Applicant and to pay for reasonable and customary operating expenses for the Affordable Housing Units.

(c) If an Affordable Housing Subordination Agreement, as hereinafter defined, has been entered into by a Financier in accordance with Section 19 of this Agreement, the Department shall terminate this Agreement at any time prior to the issuance of the Completion Notice at the request of such Financier, or its successors or assigns, if such Financier, its successors or assigns, commences foreclosure proceedings or receives a deed in lieu of foreclosure with respect to the mortgage loan that is the subject of such Affordable Housing Subordination Agreement. If the Department terminates this Agreement pursuant to this Section 18(c): (1) all benefits granted pursuant to this Agreement to any project will be revoked and (2) this Agreement shall become null and void. The Department shall provide written confirmation of termination in recordable form upon the written request of Applicant and/or Financier.

(d) The remedies set forth in Section 18(b) shall be cumulative with any other remedies available to the Department at law or in equity and exercise of one or more remedies set forth in Section 18(b) shall not limit the Department in the exercise of one or more other remedies set forth therein or otherwise available to the Department at law or in equity.

(e) The Department may exercise the remedies set forth in Section 18(b) without the notice, opportunity to cure or hearing provided therein if the Department determines that exigent circumstances require immediate action to protect the Premises or the tenants thereof. The Department will provide notice and a hearing

as provided in Section 18(b) promptly following the exercise of its remedies as set forth therein.

(f) If the Department elects to assume responsibility for management of the Affordable Housing Units pursuant to Section 18(b), Applicant shall (and shall cause the Administering Agent to) immediately deliver possession of the Affordable Housing Units and all books and records kept in connection therewith to the Department or the person designated by the Department and shall cooperate fully in effectuating the smooth transfer of management and control of the Affordable Housing Units, including execution of written instruments and provision of notice to third parties.

(g) Applicant hereby grants the Department and its designees an irrevocable license to enter and remain on the Premises for the purpose of managing the Affordable Housing Units as provided in this Section 18.

19. Debt Restrictions.

In accordance with Section 23-96(f) of the Resolution, Applicant shall not mortgage or otherwise encumber the Affordable Housing Units or this Agreement without the prior written consent of the Department. Furthermore, in the event that the Department consents to a mortgage loan, the lender must enter into a subordination and non-disturbance agreement with the Department ("Affordable Housing Subordination Agreement") in form and substance satisfactory to the Department substantially in the form annexed hereto as Exhibit K that subordinates the loan to all of the terms and conditions of this Agreement. Applicant shall cause such Affordable Housing Subordination Agreement to be recorded against the Affordable Housing Units in the Office of the City Register for the county in which the Premises are located, and shall pay all required fees and taxes in connection therewith.

Attached hereto as Exhibit J is a proposed development budget substantially setting forth the sources and uses of financing for the construction of the Affordable Housing Units. Applicant must obtain prior written consent of the Department to incur all subsequent debt for the Affordable Housing Units.

20. Plan Certification. Following the execution of this Agreement, the Department will, upon the request of Applicant, certify that the Plan has been submitted and approved, and is in compliance with the Program.

21. Marketing of Affordable Housing Units. The Administering Agent shall be required to market the Affordable Housing Units in accordance with the Program. Furthermore, each lease for an Affordable Housing Unit shall provide that such lease may be terminated and such tenant may be evicted if such tenant falsely or fraudulently certifies income or household composition to the Administering Agent.

22. Initial Occupancy Certification. Within sixty (60) days following the DHCR Registration Deadline, the Administering Agent shall submit to the Department an affidavit attesting that each Household occupying an Affordable Housing Unit complied, at Initial Occupancy, with the annual income eligibility requirements of the Program and that the Monthly Rent registered and charged for each Affordable Housing Unit, complied with the Monthly Rent requirements for such unit, at Initial Occupancy. In accordance with C.F.R. 5.609 or any successor regulations, "Annual Income" shall mean the anticipated total income from all sources to be received by the household head and spouse and by each additional member

of the household, including all net income derived from assets, for the twelve (12) month period following the initial determination of income. The Administering Agent also shall retain all records and documents relating to income determination for a minimum of three (3) years after the date a tenant commences occupancy in an Affordable Housing Unit.

23. Successors and Assigns. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assignees. Prior to the issuance of the Completion Notice, Applicant shall not sell, transfer or otherwise dispose of ("Transfer") the Affordable Housing Units without prior approval from the Department; provided, however, that no such approval shall be required in connection with the Transfer of the Affordable Housing Units in connection with a foreclosure, deed in lieu of foreclosure or other method whereby a lender (or any parent, affiliate or subsidiary of such lender, as may be applicable) acquires title to the Affordable Housing Units and no such approval shall be required for any Transfer from a lender (or any parent, affiliate or subsidiary of such lender, as may be applicable). Any transferee described in this proviso shall be referred to as, a "Lender Transferee". Before any Transfer of the Affordable Housing Units, the Applicant shall require the subsequent purchaser or transferee ("Transferee") to assume in writing, Applicant's obligations and duties under this Agreement, pursuant to an Assignment and Assumption Agreement in form and substance satisfactory to the Department. Applicant's request for the Department's approval of a Transfer shall include evidence that after any such transfer, the Affordable Housing Units are financially feasible without any City subsidy or discretionary tax exemption. Any such Assignment and Assumption Agreement shall be in recordable form, and Applicant shall provide the Department with an executed copy of such Assignment and Assumption Agreement and proof of recordation thereof. Notwithstanding anything to the contrary contained herein, promptly after a Transfer to a Lender Transferee, such Lender Transferee shall engage an Administering Agent for the Affordable Housing Units that has been approved by the Department.

24. Condominium Conversion. Nothing in this Agreement shall prohibit the Applicant from subdividing the Building on the Premises into condominium units (the "Condominium Units"), so long as (a) the Department approves any condominium documents, including, but not limited to, the condominium declaration and by-laws, necessary to effectuate such subdivision of the Building, (b) the Condominium Units meet the requirements of Section 339-m of the Real Property Law, (c) the Department determines that the Affordable Housing Units will be operated pursuant to the requirements set forth in this Agreement and the Program, and (d) the Memorandum of Regulatory Agreement in the form attached hereto as Exhibit H has been recorded against the Affordable Housing Units prior to receipt of a Completion Notice in accordance with Section 9 of this Agreement.

25. Investigation Clause. Applicant and Administering Agent shall be bound by and comply with the provisions of the Investigation Clause annexed hereto as Exhibit I.

26. Modifications.

(a) No provision of this Agreement may be extended, modified, waived or terminated orally, but only by an instrument in writing signed by the party against whom enforcement is sought.

(b) Applicant and/or the Administering Agent, as applicable, shall comply with all modifications to Program reporting requirements as set forth in the Guidelines, of which the Applicant shall be deemed to have constructive notice, concerning: (i) the type of documents to be retained; (ii) the length of time for which such

documents must be retained; and (iii) the form and method of submitting such documents to the Department.

27. Counterparts. This Regulatory Agreement may be executed in counterparts, each of which shall be deemed an original but all of which together shall be deemed one and the same instrument.

28. Notices. All notices, approvals, requests, waivers, consents or other communications given or required to be given under this Agreement shall be in writing and sent or transmitted as follows:

If to Applicant:	170 Freeman LLC 228 Park Avenue South PMB 53318, New York, New York 10003
with a copy to:	Seiden & Schein, P.C. 570 Lexington Avenue, 14th Floor New York, New York 10022 Attn: Alvin Schein, Esq.
If to the Department:	Department of Housing Preservation and Development 100 Gold Street New York, New York 10038 Attn: Assistant Commissioner, Housing Incentives
with a copy to:	Department of Housing Preservation and Development 100 Gold Street New York, New York 10038 Attn: General Counsel

Notices must be hand delivered, transmitted via facsimile or sent by certified or registered U.S. mail, return receipt requested or overnight delivery by a reputable national carrier. Notice shall be deemed to have been given upon (i) delivery if sent by hand delivery or U.S. mail, and (ii) confirmed receipt, if sent by facsimile, to both the addressee and the person entitled to receive a copy thereof. Each party named above may designate a change of address by written notice to all of the other parties.

29. Recordation.

(a) Applicant shall cause this Agreement to be recorded against the Premises prior to commencement of construction, in the Office of the City Register for the County in which the Premises are located and shall pay all required fees and taxes in connection therewith.

(b) In the event of the conversion of the Building to Condominium Units, including without limitation the filing of the Declaration and other actions required to complete such conversion of the Building have not occurred prior to the time when this Agreement is required to be recorded against the Premises, or any other document required hereunder to be recorded against the Premises, then, notwithstanding anything contained herein to the contrary, this Agreement and such other documents shall be recorded against the entire Premises. In such event, at the time of condominium conversion, provided that the Memorandum of

Regulatory Agreement referred to in Section 24 is recorded simultaneously therewith, the Department will release the Condominium Units other than the Condominium Unit containing the Affordable Housing Units.

30. More Restrictive Provisions Govern. If the Affordable Housing Units are also subject to another regulatory agreement, then (a) in the event of any conflict or ambiguity between the provisions of this Agreement and such other regulatory agreement, the more restrictive of the applicable provisions of this Agreement and such other regulatory agreement shall govern and (b) nothing herein, including but not limited to, Sections 7, 8 and 11 hereunder, shall limit, reduce or affect in any way the duration of any restrictions imposed on the operation or occupancy of the Affordable Housing Units by this Agreement.

31. Choice of Law. The covenants, provisions and terms of this Agreement and the rights and obligations of the parties hereunder shall be governed by and construed and interpreted in accordance with the laws of the State of New York and shall be binding upon and inure to the benefit of Applicant, the Administering Agent and the Department, and their respective successors, transferees, and assigns.

32. Termination.

(a) The Department reserves the right to terminate this Agreement with notice, in accordance with Section 28, to Applicant if Applicant does not complete the Affordable Housing Units by the Completion Deadline.

(b) Applicant may terminate this Agreement with notice, in accordance with Section 28, to the Department, at any time prior to the date that the initial advertisement for the Affordable Housing Units is published on the New York City Housing Connect lottery system (or any successor program administered by the Department to market vacant Affordable Housing Units).

33. Primary Residence. Affordable Housing Units may only be occupied as a primary residence, as defined in Rent Stabilization, by natural persons or families pursuant to a one- or two-year lease who have met the applicable income requirements for Low Income Households at the time of such tenant's initial occupancy of such unit. Applicant shall only offer a vacant dwelling unit for occupancy by persons or families intending to occupy such unit as their primary residence pursuant to a one- or two-year lease and shall not cause or permit the sublease or assignment of any dwelling unit for transient occupancy, for occupancy by any household that is not income eligible, or to any corporation or other entity.

34. HPD's eRent Roll System. Applicant shall submit required rent rolls to the Department in such form and in such manner as directed by the Department, including, but not limited to, submission by electronic means using software designated by the Department.

[No Further Text; Signature Pages Follow]

IN WITNESS WHEREOF, the Department has executed this Agreement as of the date first set forth above.

THE CITY OF NEW YORK, acting by and through its DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT

By: _____
Tricia Dietz
Assistant Commissioner, Housing Incentives

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this 14th day of May, 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Tricia Dietz, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

_____
NOTARY PUBLIC

ALYSON L. LANZER
Notary Public, State of New York
No. 02LA6374567
Qualified in Kings County
Commission Expires April 30, 2026

APPROVED AS TO
FORM BY STANDARD
TYPE OF CLASS FOR USE
UNTIL May 31, 2024

/s/ Isabel Galis-Menendez
Acting Corporation Counsel

IN WITNESS WHEREOF, the Applicant has executed this Agreement as of the date first set forth above.

170 Freeman LLC

By: _____
Name: Joshua Greenberg
Title: Authorized Signatory

ACKNOWLEDGEMENT

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this 5th day of May 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Joshua Greenberg, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

_____
NOTARY PUBLIC

Damon Eskew
Notary Public of New York
I.D. 01ES6442995
COMMISSION EXPIRES 10/24/2026

EXHIBIT A

PROPERTY DESCRIPTION

All those certain plots, pieces and parcels of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, in the City and State of New York, designated as:

Block	Lot
2513	6

Address: 170 Freeman Street

County: Kings

EXHIBIT B

AFFORDABLE HOUSING PLAN
(next page)

THE CITY OF NEW YORK
DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT
OFFICE OF DEVELOPMENT
100 GOLD STREET, ROOM 5G, NEW YORK, NEW YORK 10038
Inclusionary@hpd.nyc.gov

AFFORDABLE HOUSING PLAN APPLICATION PURSUANT TO THE VOLUNTARY INCLUSIONARY HOUSING PROGRAM

Please indicate "Not Applicable" or "NA" where appropriate. Do not leave any lines blank.

1.Applicant: 170 Freeman LLC
Address: 228 Park Ave South, PMB 53318, New York, NY 10003
Fax:
Email: daniel@greenstreet-group.com
Primary Contact (Name, Phone, Email):
Daniel Greenberg, 646-248-0256, daniel@greenstreet-group.com

2.Owner (if different): same
Address:
Fax:
Email:
Primary Contact (Name, Phone, Email):

3.Administering Agent: Housing Line Inc.
Address: 109 East 9th Street, New York, NY 10003
Fax:
Email: admin@housingline.org
Primary Contact (Name, Phone, Email):
Alex Chrisope, alex@mgnyconsulting.com

4.General Contractor: MNC Development Group
Address: 1711 Gravesend Neck Road, Brooklyn, NY 11229
Fax:
Email: avi@mncconractors.com
Primary Contact (Name, Phone, Email):
Avi Nachum, avi@mncconractors.com, 718-676-7366

5.Architect: Ismael Leyva Architects, P.C.
Address: 48 West 37th Street, New York, NY 10018
Fax:
Email: akarmarkar@ilarch.com
Primary Contact (Name, Phone, Email):
Aditya Karmarkar, 212-342-7849, akarmarkar@ilarch.com

6.Attorney and Firm: Seiden & Schin, P.C.

Address: 570 Lexington Avenue, 14th Floor, New York, NY 10022

Fax:

Email: dshamshovish@seidenschein.com

Primary Contact (Name, Phone, Email):

David Shamshovish, 212-935-1400, dshamshovish@seidenschein.com

7.Location of Affordable Housing Units

Street Address: 170 Freeman Street (formerly referred to as 1032-1036 Manhattan Avenue)

Borough: Brooklyn

Block(s)/Lot(s): Block 2513, Lot 36

Community Board: Brooklyn Community Board 1

8.Inclusionary Housing District of Affordable Housing Units

☐ R-10 Inclusionary:

Is project privately financed? (Yes/No) _____

☒ IH Designated Area (Insert ZR section reference, e.g., §23-154, §23-952, §98-23, §62-352, etc.): ZR 23-154(b)

☐ Special District: _____

☐ Other (please explain): _____

9.Unit Count

Total units in project: 67 Total IH units in project: 11 Super's units: 0

For projects with more than one building:

1. Address for first building: _____
   Total units in first building: _____ Total IH units in first building: _____ Super's units: ____
2. Address for second building: _____
   Total units in second building: _____ Total IH units in second building: _____ Super's units: _

For additional buildings, please add additional pages as needed.

Income Distribution of Affordable Housing Units:

Number of low-income units (equal to or less than 80% AMI): 11

Number of moderate-income units (equal to or less than 125% AMI): _____

Number of middle-income units (equal to or less than 175% AMI): _____

10. If publicly financed, list all sources of governmental assistance, including tax credits, bond financing, and land disposition programs:

Tax Exemption to be requested: 421-a Option B

11.Type of Project (check all that apply)

Construction type:

- ☒ New Construction
- ☐ Preservation
- ☐ Substantial Rehabilitation

Location of Floor Area Compensation:

- ☒ On-site
- ☐ Off-site
- ☐ On-site and Off-site

Inclusionary Units:

- ☒ Rental
- ☐ Homeownership

Non-Inclusionary Units:

- ☒ Rental
- ☐ Homeownership
- ☐ Not Applicable

12.Tenant-Paid Utilities:

Check all tenant-paid utilities that will apply, or check N/A if owner-paid

Apartment Electricity

- x Electricity
- ___ N/A: Apartment electric is paid by owner

Cooking

- ___ Gas Stove
- x Electric Stove
- ___ N/A: Cooking is paid by owner

Heating

- ___ Gas Heating
- x Electric Heat: Cold Climate Air Source Heat Pump (ccASHP)*
- ___ Electric Heat: other (e.g. Electric Resistance Heating, Electric PTACs, Electric Furnace)
- ___ N/A: Heating is paid by owner

*Product must be listed on the NEEP Cold Climate Air Source Heat Pump (ccASHP) Product List: https://ashp.neep.org/#!/

Hot Water

- ___ Gas Hot Water Heater
- ___ Electric Hot Water Heating: Heat Pump Water Heaters (HPWHs)
- ___ Electric Hot Water Heating: Other (e.g. resistance-type Hot Water Heater)
- x N/A: Hot water heating is paid by owner

13. If the project will contain a condominium or cooperative structure, please describe the structure and the use of each unit. If not, please indicate N/A:

N/A

Authorized Signature of Applicant: 

Print name: Joshua Goodberg

Date: 1/25/2024

EXHIBIT C

Affordable Housing Units

170 Freeman Street **EXHIBIT C**

Inclusionary Housing Units			
Construction Floor	**Marketing Floor**	**Apt #**	**# Bedrooms**
2	2	202	0
2	2	207	1
2	2	210	2
3	3	305	1
3	3	310	2
4	4	405	1
4	4	410	2
5	5	505	1
6	6	605	1
6	6	607	1
7	7	707	1

Unit Summary	
# Bedrooms	**# Units**
Studio	1
1 Bedroom	7
2 Bedrooms	3
3 Bedrooms	0
Total	**11**

Super/Resident Manager Unit(s)			
Construction Floor	**Marketing Floor**	**Apt #**	**# Bedrooms**
N/A	N/A	N/A	N/A

EXHIBIT D

Schedule of Rents and Expenses

Inclusionary Housing Units—Rents*			
	# Units	AMI Level	Legal Regulated Rent**
Studio	1	80%	$2,065
1 Bedroom	7	80%	$2,205
2 Bedroom	3	80%	$2,629
Total	**11**		

*Tenants are responsible for electric stove, electric heat, and apartment electricity.

** The maximum Legal Regulated Rent is 30% of 80% of the Income Index as defined in the New York City Zoning Resolution, including applicable utility allowances.

170 Freeman Street **EXHIBIT D-2**

67 Total Units
11 Inclusionary Housing Units

Operating Expenses*	Amount	Per Unit
Legal	$16,080	$240
Accounting	$17,500	$261
Management Fee	$112,967	$1,686
Insurance including Fire and Liability	$75,152	$1,122
Brownfield Tax Credit Monitoring	$12,600	$188
HPD Compliance Administrator	$10,000	$149
Heating (common areas)	$15,000	$224
Hot water	$26,775	$400
Electricity (common areas)	$15,000	$224
Water & Sewer	$50,742	$757
Phone/Internet	$3,600	$54
Supplies/Cleaning/Exterminating	$33,400	$499
Repairs & Replacement	$70,350	$1,050
Super & Maintenance Salaries	$123,641	$1,845
Elevator Service	$15,000	$224
Fire Alarm Service	$6,200	$93
Fire Sprinkler Service	$5,600	$84
Building Reserve	$23,450	$350
Annual Administering Agent Fee	$5,250	$78
Real Estate Taxes (assumes 421-a benefit)	$71,730	$1,071
Total Expenses	**$710,037**	**$10,598**

*The expenses reflect the overall 170 Freeman Street project underwriting dated May 15, 2024, which comprises 67 units, of which 11 are Inclusionary Housing units.

EXHIBIT E

STANDARD NEW YORK ENDORSEMENT
(OWNER'S POLICY)

1. The following is added to the insuring provisions on the face page of this policy:

"__. Any statutory lien for services, labor or materials furnished prior to the date hereof, and which has now gained or which may hereafter gain priority over the estate or interest of the insured as shown in Schedule A of this policy."

2. Exclusion Number 5 is deleted, and the following is substituted:

5. Any lien on the Title for real estate taxes, assessments, water charges or sewer rents imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as Shown in Schedule A.

This endorsement is issued as part of the policy. Except as it expressly states, it does not (i) modify any of the terms and provisions of the policy, (ii) modify any prior endorsements, (iii) extend the Date of Policy, or (iv) increase the Amount of Insurance. To the extent a provision of the policy or a previous endorsement is inconsistent with an express provision of this endorsement, this endorsement controls. Otherwise, this endorsement is subject to all of the terms and provisions of the policy and of any prior endorsements.
IN WITNESS WHEREOF, _____Insurance Company of New York has caused this Endorsement to be signed and sealed on its date of issue set forth herein.

DATED:

COUNTERSIGNED_____
Authorized Signatory

_____Insurance Company

BY:_____

EXHIBIT F

Administering Agent Agreement

(next page)

ADMINISTERING AGENT AGREEMENT
Inclusionary Housing Program

AGREEMENT made this 16th day of May 2024, between **HOUSING LINE INC.** ("Administering Agent"), having an office at 109 East 9th Street, New York, New York 10003 and the **Department of Housing Preservation and Development** ("Department"), having an office at 100 Gold Street, New York, New York 10038.

WHEREAS, 170 Freeman LLC, a Delaware liability company formed pursuant to the laws of the State of Delaware having its office at 228 Park Avenue South, PMB 53318, New York, New York 10003 (the "Applicant") has executed a Regulatory Agreement with the Department (the "Regulatory Agreement"), to create eleven (11) Affordable Housing Units located at 170 Freeman Street, Brooklyn, New York, Block 2513, Lot 6 (the "Affordable Housing Units") in accordance with Section 23-90 (Inclusionary Housing), inclusive, of the Zoning Resolution ("Resolution") and with the Inclusionary Housing Guidelines ("Guidelines", and together with the Resolution collectively referred to as the "Program"); and

WHEREAS, Administering Agent has agreed to ensure that the Affordable Housing Units are rented in compliance with the Regulatory Agreement at Rent-up and each subsequent vacancy and has signed an agreement with the Applicant to that effect; and

WHEREAS, Administering Agent has been qualified to act as an Administering Agent by the Department;

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, it is hereby agreed that Administering Agent will assume the ongoing responsibility for ensuring that each Affordable Housing Unit is rented and upon vacancy re-rented in compliance with the Regulatory Agreement. In addition, the Administering Agent shall (1) maintain records setting forth the facts that form the basis of any affidavit submitted to the Department; (2) maintain such records as the Department may require at the Administering Agent's office or other location approved by the Department; and (3) make all records and facts of the operation of the Administering Agent available for the Department's inspection.

Notwithstanding any other remedy contained herein, the Department may commence an action against Administering Agent to require specific performance of Administering Agent's obligations herein. Department reserves the right to replace Administering Agent in the event that the Affordable Housing Units are not rented at Rent-up and each subsequent vacancy thereafter in compliance with the Program.

This Administering Agent Agreement may be executed in counterparts, each of which shall be deemed an original but all of which together shall be deemed one and the same instrument.

(Rest of Page Left Intentionally Blank – Signature Page Follows)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first set forth above.

Department of Housing Preservation and Development of the City of New York

By: _____
Tricia Dietz
Assistant Commissioner, Housing Incentives

HOUSING LINE INC.

By: _____
Name:
Title:

UNIFORM ACKNOWLEDGEMENTS

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this 14th day of May, 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Tricia Dietz, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.



NOTARY PUBLIC

ALYSON L. LANZER
Notary Public, State of New York
No. 02LA6374567
Qualified in Kings County
Commission Expires April 30, 2026

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this _____ day of April, 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

_____

NOTARY PUBLIC

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first set forth above.

Department of Housing Preservation and Development of the City of New York

By: _____
Tricia Dietz
Assistant Commissioner, Housing Incentives

HOUSING LINE INC.

By: _____
Name: Alex Chrisope
Title: Director

UNIFORM ACKNOWLEDGEMENTS

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this ____ day of April, 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Tricia Dietz, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

ALYSON L. LANZER
Notary Public, State of New York
No. 02LA6374567
Qualified in Kings County
Commission Expires April 30, 2026

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this 19th day of April, 2024, before me, the undersigned, a Notary Public in and for said State, personally appeared Alex Chrisope, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

VLADISLAV DIREKTOR, ESQ.
STATE OF NEW YORK
NOTARY PUBLIC
Qualified in Kings County
02DI6392977
MY COMMISSION EXPIRES 6/10/2027

EXHIBIT G

Intentionally Omitted.

EXHIBIT H

MEMORANDUM OF REGULATORY AGREEMENT

THIS MEMORANDUM OF REGULATORY AGREEMENT made this ____ day of _____, 202[#], by [owner], [description of legal entity (e.g., a New York limited liability company formed pursuant to the laws of the State of New York], ("Applicant"), having an office at [address].

WITNESSETH THAT:

1. The Applicant is owner in fee simple of the premises located in the County of_____, City and State of New York, known as and by the street address *[address],* identified as Block *[#]*, Lot *[#]* on the Tax Map of the City (the "Premises"), more particularly described in Exhibit A attached hereto and made a part hereof;

2. The Applicant has covenanted and agreed for and on behalf of itself, its successors, assigns, heirs, grantees and lessees, which covenants shall be covenants running with the land to provide Affordable Housing on the Premises in accordance with the Regulatory Agreement ("Regulatory Agreement"), dated as of [*insert date*] among [*insert name(s) of non-HPD parties*] and the City of New York, a municipal corporation acting through its Department of Housing Preservation and Development ("HPD") and recorded in the Office of the City Register for Kings County on [*insert date*] as CFRN [*insert CFRN number*], the provisions of which are by this reference made a part hereof and Section 23-90 (Inclusionary Housing), inclusive of the Resolution.

3. The Regulatory Agreement and the covenants therein, shall run with the land that constitutes the Premises in accordance with the terms therein.

4. This Memorandum of Regulatory Agreement is intended to provide constructive notice of the existence and terms of the Regulatory Agreement and in no way modifies or amends the Regulatory Agreement. If any provisions of this Memorandum of Regulatory Agreement conflict with the Regulatory Agreement, the terms of the Regulatory Agreement shall prevail. The Applicant at its sole cost and expense shall cause this Memorandum of Regulatory Agreement to be recorded against each tax lot within the zoning lot containing the Affordable Housing whether or not such tax lot existed at the time the Regulatory Agreement was recorded.

NO FURTHER TEXT

IN WITNESS WHEREOF, this Memorandum of Regulatory Agreement has been executed as of the date first set forth above.

UNIFORM ACKNOWLEDGEMENTS

STATE OF NEW YORK)
) SS:
COUNTY OF NEW YORK)

On this _____ day of _____, 202_, before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to in the within instrument and acknowledged to me that [s]he executed the same in [her]his capacity, and that by [her]his signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

_____
NOTARY PUBLIC

EXHIBIT I

Investigation Clause

(a) The parties to this Agreement agree to cooperate fully and faithfully with any investigation, audit or inquiry conducted by a State of New York (State) or City of New York (City) governmental agency or authority that is empowered directly or by designation to compel the attendance of witnesses and to examine witnesses under oath, or conducted by the Inspector General of a governmental agency that is a party in interest to the transaction, submitted bid, submitted proposal, contracts, lease, permit, or license that is the subject of the investigation, audit or inquiry.

(b) If any person who has been advised that his or her statement, and any information from such statement, will not be used against him or her in any subsequent criminal proceeding refuses to testify before a grand jury or other governmental agency or authority empowered directly or by designation to compel the attendance of witness and to examine witnesses under oath concerning the award of or performance under any transaction, agreement, lease, permit, contract, or license entered into with the City, the State or any political subdivision or public authority thereof, or the Port Authority of New York and New Jersey, or any local development corporation within the City, or any public benefit corporation organized under the laws of the State of New York, or;

(c) If any person refuses to testify for a reason other than the assertion of his or her privilege against self-incrimination in an investigation, audit or inquiry conducted by a City or State governmental agency or authority empowered directly or by designation to compel the attendance of witness and to take testimony under oath, or by the Inspector General of the governmental agency that is a party in interest in, and is seeking testimony concerning the award of, or performance under, any transaction, agreement, lease, permit, contract, or license entered into with the City, the State, or any political subdivision thereof or any local development corporation within the City, then;

(d) The commissioner or agency head whose agency is a party in interest to the transaction, submitted bid, submitted proposal, contract, lease, permit, or license shall convene a hearing upon not less than five (5) days written notice to the parties involved to determine if any penalties should attach for the failure of a person to testify.

(e) If any non-governmental party to the hearing requests an adjournment, the commissioner or agency head who convened the hearing may, upon granting the adjournment, suspend any contract, lease, permit, or license pending the final determination pursuant to paragraph (g) below without the City incurring any penalty or damages for delay or otherwise.

(f) The penalties which may attach after a final determination by the commissioner or agency head may include but shall not exceed:

(1) The disqualification for a period not to exceed five (5) years from the date of an adverse determination for any person, or any entity of which such person was a member at the time the testimony was sought, from submitting bids for, or transacting business with, or entering into or

obtaining any contract, lease, permit or license with or from the City; and /or

(2) The cancellation or termination of any and all such existing City contracts, leases, permit, or licenses that the refusal to testify concerns and that have not been assigned as permitted under this agreement, nor the proceeds of which pledged, to an unaffiliated and unrelated institutional lender for fair value prior to the issuance of the notice scheduling the hearing, without the City incurring any penalty or damages on account of such cancellation or termination; moneys lawfully due for goods delivered, work done, rentals, or fees accrued prior to the cancellation or termination shall be paid by the City.

(g) The commissioner or agency head shall consider and address in reaching his or her determination and in assessing an appropriate penalty the factors in paragraphs (1) and (2) below. He or she may also consider, if relevant and appropriate, the criteria established in paragraphs (3) and (4) below in addition to any other information which may be relevant and appropriate:

(1) The party's good faith endeavors or lack thereof to cooperate fully and faithfully with any governmental investigation or audit, including but not limited to the discipline, discharge, or disassociation of any person failing to testify, the production of accurate and complete books and records, and the forthcoming testimony of all other members, agents, assignees or fiduciaries whose testimony is sought.

(2) The relationship of the person who refuses to testify to any entity that is a party to the hearing, including, but not limited to, whether the person whose testimony is sought has an ownership interest in the entity and/or the degree of authority and responsibility the person has within the entity.

(3) The nexus of the testimony sought to the subject entity and its contracts, leases, permits or licenses with the City.

(4) The effect a penalty may have on an unaffiliated and unrelated party or entity that has a significant interest in an entity subject to penalties under (f) above, provided that the party or entity has given actual notice to the commissioner or agency head upon the acquisition of the interest, or at the hearing called for in (d) above gives notice and proves that such interest was previously acquired. Under either circumstance the party or entity must present evidence at the hearing demonstrating the potential adverse impact a penalty will have on such person or entity.

(h)

(1) The term "license" or "permit" as used herein shall be defined as a license, permit, franchise or concession not granted as a matter of right.

(2) The term "person" as used herein shall be defined as any natural person doing business alone or associated with another person or entity as a partner, director, officer, principal or employee.

(3) The term "entity" as used herein shall be defined as any firm, partnership, corporation, association, or person that receives moneys, benefits, licenses, leases, or permits from or through the city or otherwise transacts business with the City.

(4) The term "member" as used herein shall be defined as any person in association with another person or entity as a partner, officer, principal or employee.

(i) In addition to and notwithstanding any other provisions of this Agreement the Commissioner or agency head may in his or her sole discretion terminate this Agreement upon not less than three (3) days written notice in the event the contractor fails to promptly report in writing to the Commissioner of Investigation of the City of New York any solicitation of money, goods, requests for future employment or other benefit or thing of value, by or on behalf of any employee of the City or other person, firm, corporation or entity for any purpose which may be related to the procurement or obtaining of this Agreement by the Contractor, or affecting the performance of this Agreement.

EXHIBIT J

Development Budget

67 Total Units
11 Inclusionary Housing Units

Sources and Uses*

Construction and Permanent Sources	Amount	Per Unit
Loan	$26,000,000	$388,060
Developer Equity	$17,114,905	$255,446
Total Sources	**$43,114,905**	**$643,506**

Uses	Amount	Per Unit
Land Acquisition	$14,000,000	$208,955
Hard Cost + Contingency	$21,650,000	$323,134
Soft Cost + Contingency	$7,464,905	$111,416
Total Uses	**$43,114,905**	**$643,506**

*The expenses reflect the overall 170 Freeman Street project underwriting dated May 15, 2024, which comprises 67 units, of which 11 are Inclusionary Housing units.

EXHIBIT K

Form of SNDA

THIS SUBORDINATION AND NON-DISTURBANCE AGREEMENT ("Agreement"), made as of this __ day of _____, 20__, by **[LENDER]**, a [national banking association], having an office at _____, ("Mortgagee" or "Lender"), in favor of **THE CITY OF NEW YORK**, (the "City") a municipal corporation acting by and through its **DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT**, having an office at 100 Gold Street, New York, New York 10038 ("HPD").

WHEREAS, Mortgagee holds a certain mortgage or mortgages dated of even date herewith, as follows: (a) [*Construction Loan* Mortgage, Assignment of Leases and Rents and Security Agreement, dated of even date herewith], in the principal amount of $_____; (b) [*describe all subordinate mortgages, if any*], in the principal amount of $_____ and each made by [**Borrower**], a [*describe type of entity*] ("Applicant" or "Borrower") [and describe owner if different than applicant ("Owner")] in favor of Lender to secure, among other things, the aggregate principal sum of _____DOLLARS AND _____CENTS ($_____) or so much thereof as may be advanced pursuant thereto, and interest, (the "Mortgage(s)") covering the premises described in **Schedule A** annexed hereto and incorporated herein ("Premises");

WHEREAS, Applicant is the owner of the legal interest in the Premises known as _____; and

WHEREAS, HPD and Applicant have entered into a certain Regulatory Agreement ("Regulatory Agreement") dated of even date herewith, which Regulatory Agreement is intended to be recorded against the Premises immediately following execution and delivery thereof; and

WHEREAS, the Regulatory Agreement was entered into under the Inclusionary Housing Program, which is governed by Sections 23-90 [and 62-352 (GW) or 93-25 (Hudson Yards) or (or 98-261 (West Chelsea)] of the New York City Zoning Resolution (the "Resolution") and the Inclusionary Housing Program Guidelines (the "Guidelines") (the Guidelines and the Resolution are collectively referred to as the "Program"); and

WHEREAS, the Regulatory Agreement provides that [*Applicant shall not*] *or* [*neither Applicant nor Owner shall*] mortgage or otherwise encumber [*its interest in*] the Premises or the Regulatory Agreement without the prior written consent of HPD and that, if HPD consents to a mortgage loan, the lender must subordinate the loan to all of the terms and conditions of the Regulatory Agreement; and

WHEREAS, Applicant has entered into the Mortgage and other instruments evidencing or securing obligations of the Premises to Mortgagee (collectively, "Other Loan Documents"; the Mortgage and the Other Loan Documents are referred to collectively as the "Loan Documents"); and

WHEREAS, HPD has consented to the Loan Documents on the condition that Mortgagee subordinate the Loan Documents to all the terms and conditions of the Regulatory Agreement in the manner hereinafter described.

NOW THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Mortgagee hereby represents to and agrees with HPD, notwithstanding any contrary term, provision, agreement, covenant, warranty, and/or representation contained or implied in any Loan Documents or any other document executed in connection with the Premises, that:

1. The Loan Documents are and shall continue to be subject and subordinate to the terms, covenants, agreements, and conditions of the Regulatory Agreement.

2. As used in this Agreement (a) the term "Mortgage" shall refer to the Mortgage and any amendments, replacements, substitutions, extensions, modifications, or renewals thereof, and (b) the term "Mortgagee" shall include the Mortgagee's successors and assigns.

3. As used in this Agreement, the phrase "subject and subordinate" means that:

(a) to the extent there are any inconsistencies between the provisions of the Regulatory Agreement and any provisions of the Loan Documents, the provisions of the Regulatory Agreement shall take priority over the inconsistent provisions of the Loan Documents, except as provided herein; and

(b) if Mortgagee or if any person or entity becomes the owner of the Premises (including, if the Premises is defined as a leasehold interest as well as a fee interest, the owner of such leasehold interest) by foreclosure, conveyance in lieu of foreclosure, or otherwise ("New Owner"), (i) the Regulatory Agreement shall continue in full force and effect and the Mortgagee and New Owner shall have no right to disturb the rights of HPD under the Regulatory Agreement, (ii) HPD shall not be named as a defendant in any action or proceeding to foreclose the Mortgage or otherwise enforce the Mortgagee's or New Owner's rights thereunder, except as set forth below, and (iii) the Premises shall be subject to the Regulatory Agreement in accordance with the provisions thereof; provided, however, that Mortgagee and New Owner shall not be liable for any act or omission of Applicant or bound by any subsequent amendment of or modification to the Regulatory Agreement without its written consent. Subject to the foregoing, nothing contained herein shall prevent the Mortgagee or New Owner from naming HPD in any foreclosure or other action or proceeding initiated by the Mortgagee or New Owner pursuant to the Mortgage to the extent necessary under applicable law in order for the Mortgagee or New Owner to avail itself of and complete the foreclosure or other remedy.

4. Upon a declaration of default under the Regulatory Agreement, HPD shall give Mortgagee notice thereof by facsimile, hand delivery or reputable overnight courier and a reasonable opportunity to cure (if such default can be cured), provided, however, that Mortgagee shall have no obligation to cure any such default. If Mortgagee cures the default during such cure period (if any) or has commenced to cure the specified default within such period and is diligently pursuing completion of such cure, or has commenced the exercise of remedies under the Loan Documents within such period, HPD shall not exercise any of the remedies under Section 18(b) of the Regulatory Agreement by reason of such default .Nothing herein shall limit HPD's right to consent to a replacement manager pursuant to Paragraph 6 herein.

5. If HPD freezes the Operating Account(s) pursuant to Paragraph 18(b) of the Regulatory Agreement, HPD will allow Mortgagee to use funds therein to make payments due under the Loan Documents, provided that there are sufficient funds in the Operating Account(s) to pay for reasonable and customary operating expenses for the Premises. Mortgagee hereby acknowledges that it has no interest in or rights to any funds held in the Special Reserve Fund Accounts pursuant to the Regulatory Agreement.

6. Notwithstanding anything contained in the Regulatory Agreement or the Loan Documents, neither HPD nor Mortgagee may assume responsibility for management of the Premises or designate a third party to manage the Premises without the consent of the other. If, in the exercise of its remedies under the Regulatory Agreement, HPD notifies Mortgagee of its intention to install a replacement manager of the Premises, then Mortgagee's consent to such manager shall not be unreasonably withheld or delayed. If, in the exercise of its remedies under the Loan Documents, Mortgagee notifies HPD of its intention to install a replacement manager of the Premises, then HPD's consent to such manager shall not be unreasonably withheld or delayed.

7. Upon a casualty to a building on the Premises,

(a) where the repair or reconstruction cost is more than thirty-five percent (35%) of the replacement value of a building on the Premises, Mortgagee shall have the right to determine whether insurance proceeds are applied for the reconstruction or repair of the Premises or towards repayment of the Mortgage, and

(b) where the repair or reconstruction cost is less than or equal to thirty-five percent (35%) of the replacement value of the Premises, HPD shall have the right to determine how insurance proceeds shall be applied. HPD shall make such determination within sixty (60) days after HPD is notified of the occurrence of the casualty. If HPD determines in such case not to apply the insurance proceeds for the reconstruction or repair of the Premises, the insurance proceeds shall be retained by Mortgagee to the extent of sums then due under the Mortgage.

This paragraph supersedes any contrary provisions in the Regulatory Agreement or Loan Documents.

8. No failure to exercise and no delay in exercising, on the part of HPD, of any right, power or privilege under this Agreement shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege operate as a waiver of any other right, power or privilege under this Agreement.

9. The covenants, provisions and terms of this Agreement and the rights and obligations of the parties hereunder shall be governed by and construed and interpreted in accordance with the laws of the State of New York, and shall be binding upon and inure to the benefit of Mortgagee, HPD, and their respective successors, transferees, and assigns.

10. Neither this Agreement nor any provision hereof (including this paragraph) may be changed, modified, amended, waived, supplemented, discharged, abandoned, or terminated orally except by an instrument in writing signed by the party against whom enforcement of the change, modification, amendment, waiver, discharge, abandonment, or termination is sought.

11. Notices. All notices, approvals, requests, waivers, consents or other communications given or required to be given under this Agreement shall be in writing and sent or transmitted as follows:

If to HPD, in duplicate, to:

Department of Housing Preservation and Development
100 Gold Street
New York, NY 10038
Attn: Associate Commissioner, Housing Incentives
Facsimile (212) 863-5899

and:

Department of Housing Preservation and Development
100 Gold Street
New York, NY 10038
Attn: General Counsel
Facsimile (212) 863-8375

If to Mortgagee, in duplicate, to:

Notices must be hand delivered, transmitted via facsimile, or by overnight delivery (e.g., FEDEX) or sent by certified or registered U.S. mail, return receipt requested. Notice shall be deemed to have been given upon (i) delivery if sent by hand delivery, U.S. mail or overnight delivery, and (ii) confirmed receipt, if sent by facsimile, to both the addressee and the person entitled to receive a copy thereof. Each party named above may designate a change of address by written notice to all of the other parties.

12. Recordation. This Agreement shall be recorded against the Premises immediately after the execution hereof, in the Office of the City Register for the County in which the Premises are located and the Applicant shall pay all required fees and taxes in connection therewith.

13. Counterparts. This Subordination Agreement may be executed in one or more counterparts, each of which shall constitute an original and all of which shall constitute one agreement.

[No further text - signatures on the next page]

IN WITNESS WHEREOF, the City of New York, acting by and through its Department of Housing Preservation and Development has caused this Subordination Agreement to be signed by its duly authorized commissioner, and Lender has caused this Subordination Agreement to be duly signed by a duly authorized officer, as of the day and year first above written.

THE CITY OF NEW YORK
Acting by and through its **DEPARTMENT OF HOUSING PRESERVATION AND DEVELOPMENT**

By:_____
Tricia Dietz
Assistant Commissioner, Housing Incentives

[LENDER]

By: _____
Print Name
Print Title

APPROVED AS TO FORM BY
STANDARD TYPE OF CLASS
UNTIL: _____

By: _____
Acting Corporation Counsel

ACKNOWLEDGEMENTS

STATE OF NEW YORK)
) ss.:
COUNTY OF NEW YORK)

On the ___ day of _____in the year 20__ before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

STATE OF NEW YORK)
) ss.:
COUNTY OF NEW YORK)

On the ___ day of _____in the year 20_____ before me, the undersigned, a Notary Public in and for said State, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her capacity, and that by her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

SCHEDULE A

PROPERTY DESCRIPTION

All those certain plots, pieces and parcels of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of _____, in the City and State of New York, designated as:

Block	Lot

County:
Address:

SUBORDINATION AND NON-DISTURBANCE AGREEMENT

by and between

THE CITY OF NEW YORK

-and-

The property affected by this written instrument lies within the:

Block	Lot	Address

County:
Address:

RECORD AND RETURN TO:

[LENDER'S COUNSEL]

REGULATORY AGREEMENT

BY AND BETWEEN

THE CITY OF NEW YORK

AND

170 FREEMAN LLC

The property affected by this instrument lies within:

Block	Lot
2513	6
Address:	170 Freeman Street
County:	Kings

PLEASE RECORD AND RETURN TO:
Alyson Lanzer, Esq.
Department of Housing Preservation
and Development
Office of Legal Affairs
100 Gold Street, Room 5-S7
New York, NY 10038

First American Title
Insurance Company
666 Third Avenue 5th fl
New York, N.Y. 10017
Phone: (212) 922-9700
Fax: (212) 922-0881

APPENDIX 2

ENVIRONMENTAL EASEMENT AND SURVEY MAPS

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2025103000356001001E2C79

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2025103000356001 Document Date: 10-17-2025 Preparation Date: 10-31-2025
Document Type: EASEMENT
Document Page Count: 9

PRESENTER:
HOWARD SCHECHTER ESQ
101 PARK AVENUE
17TH FLOOR
NEW YORK, NY 10178
212-878-1423
HSCHECHTER@FOXROTHSCHILD.COM

RETURN TO:
HOWARD SCHECHTER ESQ
101 PARK AVENUE
17TH FLOOR
NEW YORK, NY 10178
212-878-1423
HSCHECHTER@FOXROTHSCHILD.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	2513	6	Entire Lot	1036 MANHATTAN AVENUE

Property Type: OTHER

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
170 FREEMAN, LLC
228 PARK AVENUE SOUTH, SUITE 53318
NEW YORK, NY 10003

GRANTEE/BUYER:
THE PEOPLE OF THE STATE OF NEW YORK
625 BROADWAY
ALBANY, NY 12233

FEES AND TAXES

Mortgage :

Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	82.00
Affidavit Fee:	$	0.00

Filing Fee: $ 100.00

NYC Real Property Transfer Tax: $ 0.00

NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-03-2025 11:13
City Register File No.(CRFN): **2025000298438**

City Register Official Signature

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

as of

THIS INDENTURE made this 17th day of October, 2025, between Owner, 170 Freeman, LLC, having an office at 228 Park Avenue South, Suite 53318 New York, NY, 10003, County of New York, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 170 Freeman Street a/k/a 1032, 1036, &1038 Manhattan Avenue in the City of New York, County of Kings and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 2513 Lot 6 (f/k/a Lots 5, 6, & 8), being the same as that property conveyed to Grantor by deed dated August 2, 2023 and recorded in the City Register of the City of New York in City Register File No. 2023000202188. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.23 +/- acres, and is hereinafter more fully described in the Land Title Survey dated May 23, 2025 prepared by Arkadiusz Jusiega, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224315-03-21, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining

contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation

Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her 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

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against

the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:	Site Number: C224315 Office of General Counsel NYSDEC 625 Broadway Albany New York 12233-5500
With a copy to:	Site Control Section Division of Environmental Remediation NYSDEC 625 Broadway Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the

recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

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IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

170 Freeman, LLC:

By: _____

Print Name: Joshua Greenberg

Title:Authorized Signatory Date: 10-2-2025

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF New York

On the 2ND day of OCT, in the year 2025, before me, the undersigned, personally appeared Joshua Greenberg, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

SCOTT GOWE
NOTARY PUBLIC OF NEW YORK
ID # 01GO6357188
MY COMMISSION EXPIRES 4/7/2029

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Janet Brown, Assistant Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 17th day of October, in the year 2025 before me, the undersigned, personally appeared Janet Brown personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified In Albany County
My Commission Expires March 3, 2027

SCHEDULE "A" PROPERTY DESCRIPTION

EASEMENT DESCRIPTION:

ALL THAT certain plot, piece or parcel of land, situated, lying and being in the borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Manhattan Avenue with the southerly side of Freeman Street;

RUNNING THENCE easterly along the southerly side of Freeman Street, one hundred (100) feet, zero (0) inches;

THENCE southerly parallel with Manhattan Avenue one hundred (100) feet, zero (0) inches;

THENCE westerly parallel with Freeman Street, one hundred (100) feet, zero (0) inches to the easterly side of Manhattan Avenue;

THENCE northerly along the easterly side of Manhattan Avenue one hundred (100) feet, zero (0) inches to the point or place of **BEGINNING**.

ENVIRONMENTAL EASEMENT AREA = 10015.00 sq. ft. = 0.230 acre

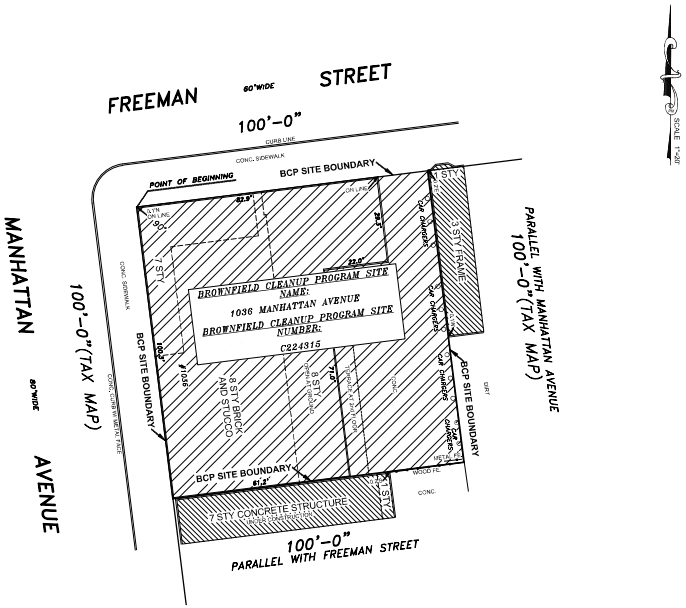
JOB NO: B 2513-6-ENVI

DATE: MAY 23, 2025

ENVIRONMENTAL EASEMENT SURVEY

FLOOD NOTE

BY GRAPHIC PLOTTING ONLY, SUBJECT PROPERTY IS LOCATED IN **ZONE X (AREA OF NO FLOODING)** AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR COMMUNITY PANEL NUMBER **360 497 0202 F** WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER 5, 2007 AND REVISED JANUARY 30, 2015.





GENERAL NOTES

SUBSURFACE UTILITIES ARE NOT GUARANTEED BY SURVEYOR, HIGH CAUTION RECOMMENDED AND VERIFICATION WITH PROPER CITY AGENCIES, IS MANDATORY BEFORE COMMENCING ALL NEW WORK.

ALL SUBSURFACE AND OVERHEAD UTILITIES AS TO SIZE, TYPE AND DEPTH SHOWN ON THIS SURVEY ARE TAKEN FROM RECORDS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES, UNLESS OTHERWISE NOTED AND SHOWN.

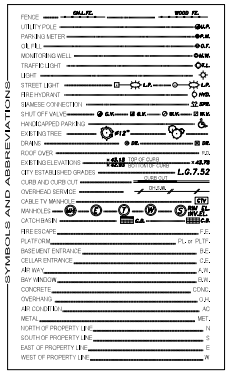
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THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES ON THE SURVEYED PROPERTY EXCEPT AS SHOWN AND/OR DESCRIBED ON THIS SURVEY.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF 16 NYCRR, CODE PART (RULE NO.53) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED, EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA.

ALL ELEVATIONS SHOWN REFER TO THE NAVD 1988 DATUM, TO OBTAIN:
- NGVD 1929 DATUM - ADD 1.298 FEET
- BROOKLYN BOROUGH DATUM - SUBTRACT 1.447 FEET



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PROFESSIONAL LAND SURVEYOR
ARKADIUSZ JUSIEGA
N.Y.S. L.L.S. 050569
8629 BAY PARKWAY, UNIT CFU
BROOKLYN, NY 11214
TEL. 718-474-7700

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE **NEW YORK STATE EDUCATION LAW.** COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

NOTE:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov

– *ENVIRONMENTAL EASEMENT*

GRAPHIC SCALE — SCALE 1:20

ALL WRITTEN MEASUREMENTS AND OFFSETS NOTED ON THE SURVEY SUPERSEDE MEASUREMENTS SCALED OFF THE PLOT.

3,05 m | 6,10 m | 9,14 m | 12,20 m | 15,24 m | 30,48 meters

0 | 10 f | 20 f | 30 f | 40 f | 50 f | 100 feet

LEGAL DESCRIPTION
BLOCK 2513, LOT 6

ALL THAT certain plot, piece or parcel of land, situate, lying and being in the borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the easterly side of Manhattan Avenue with the southerly side of Freeman Street;

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LOT AREA = 10015.00 sq.ft. = 0.230 acre

ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION
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GUARANTEED TO:	New York State Department of Environmental Conservation
COUNTY: KINGS	CITY: BROOKLYN
SECTION:	BLOCK: 2641 LOT(S): 4
PROPERTY ADDRESS:	1036 MANHATTAN AVENUE

ENVIRONMENTAL EASEMENT SURVEY

PREPARED BY

PERFECT POINT
LAND SURVEYING
brooklyn • queens • manhattan • bronx
staten island • nassau
phone: (718) 474-7700
fax: (718) 872-9699
info@ppsurveying.com
www.ppsurveying.com

DATE: MAY 23, 2025

STATE OF NEW YORK — ARKADIUSZ JUSIEGA — 050569 — LICENSED LAND SURVEYOR

JOB NO: B 2513-6-ENVI

DATE: MAY 23, 2025

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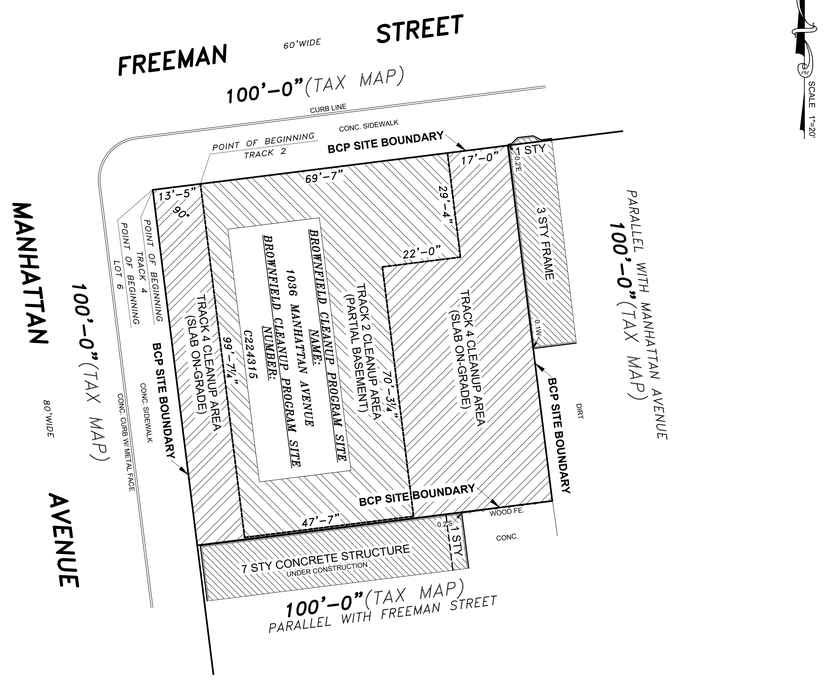
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- TRACK 2 AREA = 5,384.83 sq.ft. = 0.124 acre

- TRACK 4 AREA = 4,630.17 sq.ft. = 0.106 acre

SYMBOLS AND ABBREVIATIONS

FENCE	CH.LFE. / WOOD FE.
UTILITY POLE	U.P.
PARKING METER	P.M.
OIL FILL	O.F.
MONITORING WELL	M.W.
TRAFFIC LIGHT	T.L.
LIGHT	
STREET LIGHT	L.P. / L.P.
FIRE HYDRANT	HYD.
SIAMESE CONNECTION	SPR.
SHUT OFF VALVE	G.V. / G.V. / W.V. / W.V.
HANDICAPPED PARKING	
EXISTING TREE	#12"
DRAINS	DR. / DR.
ROOF OVER	R.O.
EXISTING ELEVATIONS	×43.15 TOP OF CURB ×42.93 BOTTOM OF CURB / ×43.78
CITY ESTABLISHED GRADES	L.G.7.52
CURB AND CURB CUT	CURB CUT
OVERHEAD SERVICE	OH S.W.
CABLE TV MANHOLE	CTV
MANHOLES	MH / E / T / W / S RIM EL. INV.EL.
CATCH BASIN	C.B. / C.B.
FIRE ESCAPE	F.E.
PLATFORM	PL or PLTF.
BASEMENT ENTRANCE	B.E.
CELLAR ENTRANCE	C.E.
AIR WAY	A.W.
BAY WINDOW	B.W.
CONCRETE	CONC.
OVERHANG	O.H.
AIR CONDITION	AC
METAL	MET.
NORTH OF PROPERTY LINE	N
SOUTH OF PROPERTY LINE	S
EAST OF PROPERTY LINE	E
WEST OF PROPERTY LINE	W

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THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES ON THE SURVEYED PROPERTY EXCEPT AS SHOWN AND/OR DESCRIBED ON THIS SURVEY.

ALL OPERATIONS OF UNDERGROUND FACILITIES AND ALL EXCAVATORS ARE OBLIGATED TO COMPLY WITH ARTICLE 36 OF THE GENERAL BUSINESS LAW AND WITH PROVISIONS OF INDUSTRIAL CODE PART (RULE NO.35) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. EVERY EXCAVATOR IS REQUIRED BY THESE LAWS TO GIVE ADVANCE NOTICE TO EVERY OPERATOR OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION WORK IN THE SPECIFIED AREA

UNDERGROUND, OVERHEAD AND GROUND LEVEL UTILITIES ARE NOT GUARANTEED AS TO ACCURACY, EXACT LOCATION, TYPE OR USE, ACTIVE OR INACTIVE. VERIFICATION IS MANDATORY WITH MUNICIPAL AGENCIES, PUBLIC AND PRIVATE UTILITY COMPANIES PRIOR TO TAKING TITLE AND OR DESIGN WORK. BOUNDARIES ARE NOT GUARANTEED UNLESS SO NOTED.

ALL ELEVATIONS SHOWN REFER TO THE NAVD 1988 DATUM. TO OBTAIN:
- NGVD 1929 DATUM - ADD 1.098 FEET
- BROOKLYN BOROUGH DATUM - SUBTRACT 1.447 FEET

NOTE:
This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb@dec.ny.gov

GRAPHIC SCALE

ALL WRITTEN MEASUREMENTS AND OFFSETS NOTED ON THIS SURVEY SUPERSEDE MEASUREMENTS SCALED OF THIS PLOT.

SCALE 1:20

3.05 m 6.10 m 9.14 m 12.20 m 15.24 m 30.48 meters

5 f 10 f 15 f 20 f 25 f 30 f 35 f 40 f 45 f 50 f 0 100 feet

LEGAL DESCRIPTION
Block 2513, p/o Lot 6, Track 4 Cleanup Area

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situated, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point formed by the intersection of the southerly side of Freeman Street with the easterly side of Manhattan Avenue;

RUNNING THENCE, southerly along the easterly side of Manhattan Avenue, 100 feet;

THENCE, easterly parallel with southerly side of Freeman Street, 100 feet;

THENCE, northerly parallel with easterly side of Manhattan Avenue, 100 feet;

THENCE, westerly parallel with southerly side of Freeman Street, 17 feet;

THENCE, southerly parallel with easterly side of Manhattan Avenue, 29 feet 4 inches;

THENCE, westerly parallel with southerly side of Freeman Street, 22 feet;

THENCE, southerly parallel with easterly side of Manhattan Avenue, 70 feet 3¼ inches;

THENCE, westerly parallel with southerly side of Freeman Street, 47 feet 7 inches;

THENCE, northerly parallel with easterly side of Manhattan Avenue, 99 feet 7¼ inches; and

THENCE, westerly parallel with the southerly side of Freeman Street, 13 feet 5 inches to the point or place of **BEGINNING**.

PREMISES known as 170 Freeman Street (a/k/a 1036 Manhattan Ave), Brooklyn, New York.

TRACK 4 CLEANUP AREA = 4,630.17 sq.ft. = 0.106 acre

LEGAL DESCRIPTION
Block 2513, p/o Lot 6, Track 2 Cleanup Area

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situated, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the southerly side of Freeman Street, distant 13 feet 5 inches easterly from the corner formed by the intersection of the southerly side of Freeman Street with the easterly side of Manhattan Avenue;

RUNNING THENCE, southerly along the easterly side of Manhattan Avenue, 99 feet 7¼ inches;

THENCE, easterly parallel with southerly side of Freeman Street, 47 feet 7 inches;

THENCE, northerly parallel with easterly side of Manhattan Avenue, 70 feet 3¼ inches;

THENCE, easterly parallel with southerly side of Freeman Street, 22 feet;

THENCE, northerly parallel with easterly side of Manhattan Avenue, 29 feet 4 inches; and

THENCE, westerly parallel with the southerly side of Freeman Street, 69 feet 7 inches to the point or place of **BEGINNING**.

PREMISES known as 170 Freeman Street (a/k/a 1036 Manhattan Ave), Brooklyn, New York.

TRACK 2 CLEANUP AREA = 5,384.83 sq.ft. = 0.124 acre

PROFESSIONAL LAND SURVEYOR
ARKADIUSZ JUSIEGA
N.Y.S. L.L.S. 050569
8629 BAY PARKWAY, UNIT CFU
BROOKLYN, NY 11214
TEL. 718-474-7700

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF **THE NEW YORK STATE EDUCATION LAW.** COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

GUARANTEED TO: New York State Department of Environmental Conservation

COUNTY: KINGS CITY: BROOKLYN

SECTION: BLOCK: 2641 LOT(S): 6

PROPERTY ADDRESS: 1036 MANHATTAN AVENUE

ENVIRONMENTAL EASEMENT SURVEY

PREPARED BY

PERFECT POINT
LAND SURVEYING
brooklyn - queens - manhattan - bronx
staten island - nassau
phone: (718) 474-7700
fax: (718) 872-9699
info@ppsurveying.com
www.ppsurveying.com

DATE: MAY 23, 2025

STATE OF NEW YORK ARKADIUSZ JUSIEGA 050569 LICENSED LAND SURVEYOR

N.Y.S. L.L.S. 050569

APPENDIX 3

DIGITAL COPY OF IRM CCR

APPENDIX 4

NYSDEC APPROVALS AND DECISION DOCUMENT

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

February 23, 2022

Jennifer Webber
BK Corners LLC
49 Box Street
Brooklyn, NY 11222

Re: 1036 Manhattan Ave BCP Site
170 Freeman Street, Brooklyn, Kings County
Brownfield Cleanup Program # C224315
Interim Remedial Measure Work Plan

Dear Ms. Webber:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has completed its review of the Interim Remedial Measure Work Plan (IRMWP) dated February 2022 which was prepared by Hydro Tech Environmental Engineering and Geology, DPC on behalf of BK Corners LLC (the Participant). The IRMWP was submitted to NYSDEC under the Brownfield Cleanup Program. The IRMWP is deemed adequate and is hereby approved for implementation.

The Participant and its contractors are solely responsible for safe execution of all invasive and other field work performed under this IRMWP. The Participant and its contractors must obtain all local, state, and/or federal permits or approvals that may be required to perform work under this IRMWP. Further, the Participant and its contractors are solely responsible for the identification of utilities that might be affected by work under this IRMWP and, implementation of all required, appropriate, or necessary health and safety measures during performance of work under this IRMWP.

In accordance with the requirements of the Brownfield Cleanup Agreement and the Citizen Participation Plan, the approved IRMWP must be placed in the project document repositories within 5 business days. Any draft copies of this work plan should be removed. A certification that this document has been placed in the project repositories, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at 718-482-7541 or wendi.zheng@dec.ny.gov.

Regards,

Wendi Zheng

Wendi Zheng
Project Manager

cc: J. O'Connell, A. Levine – NYSDEC
S. McLaughlin, J. Nealon – NYSDOH
P. Matli. T. Khouri – Hydro Tech
G. Duke – Brown Duke & Fogel, P.C.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

January 4, 2023

Joshua Greenberg
170 Freeman LLC
228 Park S Ste 60704
New York, NY 10003

Jennifer Webber
BK Corners LLC
49 Box Street
Brooklyn, NY 11222

Re: 1036 Manhattan Ave BCP Site
170 Freeman Street, Brooklyn, Kings County
Brownfield Cleanup Program # C224315
Interim Remedial Measure Work Plan Addendum

Dear Mr. Greenberg and Ms. Webber:

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has completed its review of the Interim Remedial Measure Work Plan Addendum (IRMWP Addendum) dated November 2023 which was prepared by Hydro Tech Environmental Engineering and Geology, DPC on behalf of 170 Freeman LLC and BK Corners LLC (collectively "the Participant"). The IRMWP Addendum was submitted to NYSDEC under the Brownfield Cleanup Program. The IRMWP Addendum proposes to extend the excavation of the partial basement towards the southern property boundary to a min depth of 12 to 15 feet below grade surface and extend the sub-slab depressurization system within the extended excavation. The IRMWP Addendum is deemed adequate and is hereby approved for implementation.

The Participant and its contractors are solely responsible for safe execution of all invasive and other field work performed under this IRMWP Addendum. The Participant and its contractors must obtain all local, state, and/or federal permits or approvals that may be required to perform work under this IRMWP Addendum. Further, the Participant and its contractors are solely responsible for the identification of utilities that might be affected by work under this IRMWP Addendum and, implementation of all required, appropriate, or necessary health and safety measures during performance of work under this IRMWP Addendum.

In accordance with the requirements of the Brownfield Cleanup Agreement and the

Citizen Participation Plan, the approved IRMWP Addendum must be placed in the project document repositories within 5 business days. Any draft copies of this work plan should be removed. A certification that this document has been placed in the project repositories, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

Should you have any questions regarding this letter or any other aspect of the project, please contact me at 718-482-7541 or wendi.zheng@dec.ny.gov.

Sincerely,

Wendi Zheng

Wendi Zheng
Project Manager

ec: J. O'Connell, A. Obligado, A. Levine – NYSDEC
S. McLaughlin, J. Kennedy – NYSDOH
P. Matli. T. Khouri – Hydro Tech
G. Duke – Connell Foley LLP

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

October 22, 2025

Joshua Greenberg
170 Freeman LLC
228 Park Ave South PMD 53318
New York, NY 10003
joshua@greenstreet-group.com

Marshall Kesten
BK Corners LLC
49 Box Street Brooklyn, NY 11222
marshall@mkpropmanagement.com

Re: 1036 Manhattan Ave BCP Site
Site ID No. C224315
Brooklyn, Kings County
Remedial Action Work Plan & Decision Document

Dear Joshua Greenberg and Marshall Kesten:

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) have reviewed the Remedial Action Work Plan (RAWP) for the 1036 Manhattan Ave BCP Site dated October 2025 and prepared by Hydro Tech Environmental Engineering and Geology, DPC on behalf of 170 Freeman LLC and BK Corners LLC (collectively "the Participant"). The RAWP is hereby approved. Please ensure that a copy of the approved RAWP is placed in the document repositories along with this letter and any draft copies should be removed.

Attached is a copy of the NYSDEC's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. Please ensure that a copy of the Decision Document is placed in the document repositories.

Please contact Wendi Zheng at wendi.zheng@dec.ny.gov or (718) 482-7541 at your earliest convenience to discuss the next steps. Please recall NYSDEC requires seven days' notice prior to the start of field work.

Sincerely,

Jane H. O'Connell

Jane O'Connell, P.G.
Regional Remediation Engineer

ec: A. Obligado, W. Zheng, A. Levine – NYSDEC
S. McLaughlin, J. Kenney – NYSDOH
P. Matli, T. Khouri – Hydro Tech
G. Duke – Fox Rothschild LLP

DECISION DOCUMENT

1036 Manhattan Ave BCP Site
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224315
October 2025

Prepared by
Division of Environmental Remediation
New York State Department of Environmental Conservation

DECLARATION STATEMENT - DECISION DOCUMENT

1036 Manhattan Ave BCP Site
Brownfield Cleanup Program
Brooklyn, Kings County
Site No. C224315
October 2025

Statement of Purpose and Basis

This document presents the remedy for the 1036 Manhattan Ave BCP Site, a brownfield cleanup site. The remedial program was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375.

This decision is based on the Administrative Record of the New York State Department of Environmental Conservation (NYSDEC) for the 1036 Manhattan Ave BCP Site and the public's input to the proposed remedy presented by NYSDEC.

Description of Selected Remedy

During the course of the investigation certain actions, known as interim remedial measures (IRMs), were undertaken at the above referenced site. An IRM is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the remedial investigation or alternatives analysis. The IRM undertaken at this site is discussed in Section 6.2.

Based on the results of the investigations at the site, the IRM that has been performed, and the evaluation presented here, NYSDEC has selected No Further Action as the remedy for the site. This No Further Action remedy includes continued operation of the remedial systems and the implementation of institutional controls/engineering controls (ICs/ECs) as the selected remedy for the site. NYSDEC believes that this remedy is protective of human health and the environment and satisfies the remediation objectives described in Section 6.5.

The selected remedy is a Multi-Track (Track 2 and Track 4): Restricted Residential remedy.

The selected remedy is referred to as the Green Remediation, Institutional Control and Site Management remedy.

The elements of the selected remedy are as follows:

1. Green Remediation

Green remediation principals and techniques will be implemented to the extent feasible in the site management of the remedy as per DER-31. The major green remediation components are as

follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste; and
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the site management program, to promote implementation of green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise^{TM} (available in the Sustainable Remediation Forum [SURF] library) or similar NYSDEC accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be established for the site management activities, as appropriate. Further, progress with respect to green and sustainable remediation metrics will be tracked, and reported in periodic reports, as part of the site management program, and opportunities to further reduce the environmental footprint of the project will be identified as appropriate.

Additionally, the site management program will include an evaluation of the impact of climate change on the project site and the engineering controls. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the site management program will include measures to minimize the impact of potential identified vulnerabilities.

2. Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
- require compliance with the NYSDEC approved Site Management Plan.

3. Site Management Plan

A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
   - Institutional Controls: The Environmental Easement discussed in Paragraph 2.
   - Engineering Controls: The Cover System and Vapor Mitigation Systems discussed in the elements of the IRM.

   This plan includes, but may not be limited to:
   - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
   - descriptions of the provisions of the environmental easement including any land use or groundwater restrictions;
   - a provision for evaluation of the potential for soil vapor intrusion for any occupied buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
   - a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in the elements of the IRM above will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
   - provisions for the management and inspection of the identified engineering controls;
   - maintaining site access controls and NYSDEC notification; and
   - the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
   - monitoring of groundwater, soil vapor and indoor air to assess the performance and effectiveness of the remedy;
   - a schedule of monitoring and frequency of submittals to NYSDEC; and
   - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
   - procedures for operating and maintaining the remedy;
   - compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting; and
   - maintaining site access controls and NYSDEC notification; and providing NYSDEC access to the site and O&M records.

Declaration

The remedy conforms with promulgated standards and criteria that are directly applicable, or that are relevant and appropriate and takes into consideration NYSDEC guidance, as appropriate. The remedy is protective of public health and the environment.

October 22, 2025
Date

Jane H. O'Connell, P.G.
Regional Remediation Engineer

DECISION DOCUMENT

1036 Manhattan Ave BCP Site
Brooklyn, Kings County
Site No. C224315
October 2025

SECTION 1: SUMMARY AND PURPOSE

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has selected a remedy for the above referenced site. The disposal of contaminants at the site resulted in threats to public health and the environment that were addressed by actions known as interim remedial measures (IRMs), which were undertaken at the site. An IRM is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the remedial investigation or alternative analysis. The IRMs undertaken at this site are discussed in Section 6.2.

Based on the implementation of the IRM, the findings of the investigation of this site indicate that the site no longer poses a threat to human health or the environment. The IRM conducted at the site attained the remediation objectives identified for this site, which are presented in Section 6.5, for the protection of public health and the environment. No Further Action is the selected remedy. A No Further Action remedy may include continued operation of any remedial system installed during the IRM and the implementation of any prescribed controls that have been identified as being part of the remedy for the site. This DD identifies the IRM conducted and discusses the basis for No Further Action.

The New York State Brownfield Cleanup Program (BCP) is a voluntary program. The goal of the BCP is to enhance private-sector cleanups of brownfields and to reduce development pressure on "greenfields." A brownfield site is real property, where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance, based on the reasonably anticipated use of the property.

NYSDEC has issued this document in accordance with the requirements of New York State Environmental Conservation Law and 6 NYCRR Part 375. This document is a summary of the information that can be found in the site-related reports and documents.

SECTION 2: CITIZEN PARTICIPATION

NYSDEC seeks input from the community on all remedies. A public comment period was held, during which the public was encouraged to submit comment on the proposed remedy. All comments on the remedy received during the comment period were considered by NYSDEC in selecting a remedy for the site. Site-related reports and documents were made available for

review by the public at the following document repositories:

DECInfo Locator - Web Application
https://gisservices.dec.ny.gov/gis/dil/index.html?rs=C224315

Brooklyn Public Library - Greenpoint Branch
107 Norman Avenue at Leonard Street
Brooklyn, NY 11222
Phone: (718) 389-4394

Brooklyn Community Board No. 1
435 Graham Avenue
Brooklyn, NY 11211
Phone: (718) 389-0009

Receive Site Citizen Participation Information By Email

Please note that NYSDEC's Division of Environmental Remediation (DER) is "going paperless" relative to citizen participation information. The ultimate goal is to distribute citizen participation information about contaminated sites electronically by way of county email listservs. Information will be distributed for all sites that are being investigated and cleaned up in a particular county under the State Superfund Program, Environmental Restoration Program, Brownfield Cleanup Program, Voluntary Cleanup Program, and Resource Conservation and Recovery Act Program. We encourage the public to sign up for one or more county listservs at http://www.dec.ny.gov/chemical/61092.html

SECTION 3: SITE DESCRIPTION AND HISTORY

Location:
The 1036 Manhattan Avenue BCP site is located in a commercial and residential area of the Greenpoint section of Brooklyn, NY. The site is bounded to the north by Freeman Street and to the west by Manhattan Avenue, and by multi-family and mixed-use buildings to the east and south, respectively. The property is designated as Block 2513, Lot 6 on the NYC tax map.

Site Features:
The site is currently being redeveloped into an eight-story commercial and residential building with accessory driveway/parking areas. The site is comprised of three complete tax parcels as noted above totaling 10,000 square feet.

Current Zoning and Land Use:
The site is zoned R7A (medium density residential apartments) with a C2-4 (commercial zone) overlay. Surrounding properties along Manhattan Avenue are zoned with the same R7A/C2-4 designation of mixed-use commercial/residential. Surrounding properties to the east along Freeman Street and Green Street) are generally zoned as R6B residential.

Past Use of the Site:

The primary past use of the site that led to site contamination is a dry cleaner that operated from approximately 1965 to 1985. A portion of the site was labeled as "Paints" from 1951 to 2007 and may have additionally contributed to site contamination.

The site was listed as an "E" designated site for hazardous materials and noise during the Greenpoint-Williamsburg Contextual Rezoning Action completed by New York City in July 2009 (CEQR No. 09CDP056K).

Site Geology and Hydrogeology:
The shallow subsurface of the site consists of a layer of dry silty sand with fill material from the surface to 12.5 feet below grade. Moist silty clay is then present from 12.5 to 14 feet below grade with wet fine-grained sand beneath 14 feet. Deeper native soils within the vicinity of the site are characterized as glacial till of variable texture and relatively impermeable. Bedrock was not encountered at the site in previous investigations.

Groundwater at the site is located 12.6 to 14.5 feet below grade. Groundwater flow is north-northeast towards Newtown Creek and the East River. No wetlands or surface water bodies are present at the site. The nearest surface water body is the Newtown Creek, located approximately 1,800 feet to the north.

A site location map is attached as Figure 1, and a site layout is attached as Figure 2.

SECTION 4: LAND USE AND PHYSICAL SETTING

NYSDEC may consider the current, intended, and reasonably anticipated future land use of the site and its surroundings when evaluating a remedy for soil remediation. For this site, alternatives that restrict the use of the site to restricted-residential use (which allows for commercial use and industrial use) as described in Part 375-1.8(g) were evaluated in addition to an alternative which would allow for unrestricted use of the site.

A comparison of the results of the investigation to the appropriate standards, criteria and guidance values (SCGs) for the identified land use and the unrestricted use SCGs for the site contaminants is available in the Remedial Investigation (RI) Report.

SECTION 5: ENFORCEMENT STATUS

The Applicant under the Brownfield Cleanup Agreement is a Participant. NYSDEC, in consultation with NYSDOH, have determined that the site does not pose a significant threat to public health and/or the environment. The Applicant has an obligation to address on-site and off-site contamination. Accordingly, no enforcement actions are necessary.

SECTION 6: SITE CONTAMINATION

6.1: Summary of the Remedial Investigation

A remedial investigation (RI) serves as the mechanism for collecting data to:

- characterize site conditions;
- determine the nature of the contamination; and
- assess risk to human health and the environment.

The RI is intended to identify the nature (or type) of contamination which may be present at a site and the extent of that contamination in the environment on the site, or leaving the site. The RI reports on data gathered to determine if the soil, groundwater, soil vapor, indoor air, surface water or sediments may have been contaminated. Monitoring wells are installed to assess groundwater and soil borings or test pits are installed to sample soil and/or waste(s) identified. If other natural resources are present, such as surface water bodies or wetlands, the water and sediment may be sampled as well. Based on the presence of contaminants in soil and groundwater, soil vapor will also be sampled for the presence of contamination. Data collected in the RI influence the development of remedial alternatives. The RI report is available for review in the site document repository and the results are summarized in section 6.3.

The analytical data collected on this site includes data for:

- groundwater
- soil
- soil vapor
- indoor air
- sub-slab vapor

6.1.1: Standards, Criteria, and Guidance (SCGs)

The remedy must conform to promulgated standards and criteria that are directly applicable or that are relevant and appropriate. The selection of a remedy must also take into consideration guidance, as appropriate. Standards, Criteria and Guidance are hereafter called SCGs.

To determine whether the contaminants identified in various media are present at levels of concern, the data from the RI were compared to media-specific SCGs. NYSDEC has developed SCGs for groundwater, surface water, sediments, and soil. The NYSDOH has developed SCGs for drinking water and soil vapor intrusion. For a full listing of all SCGs see: http://www.dec.ny.gov/regulations/61794.html

6.1.2: RI Results

The data have identified contaminants of concern. A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminants of concern identified at this site are:

1,2-dichloroethene trans-1,2-dichloroethene

trichloroethene (TCE)
tetrachloroethene (PCE)
vinyl chloride
benzo(a)anthracene
benzo(a)pyrene
benzo(b)fluoranthene
benzo(k)fluoranthene
chrysene
indeno(1,2,3-cd)pyrene

Based on the investigation results, comparison to the SCGs, and the potential public health and environmental exposure routes, certain media and areas of the site required remediation. These media were addressed by the IRM(s) described in Section 6.2. More complete information can be found in the RI Report and the IRM Construction Completion Report.

6.2: Interim Remedial Measures

An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before issuance of the Decision Document.

The following IRM has been completed at this site based on conditions observed during the RI.

Excavation, Vapor Mitigation, Cover System, and Groundwater Treatment

The elements of the IRM in accordance with the February 2022 IRM Work Plan and the November 2023 IRM Work Plan Addendum already completed are listed below:

Excavation
In the Track 2 area, all on-site soils which exceeded restricted-residential soil cleanup objectives (RRSCOs), as defined by 6 NYCRR Part 375-6.8 in the upper 15 feet, were excavated and disposed of off-site. In the Track 4 area, all soils in the upper two feet which exceeded the RRSCOs were excavated and transported off-site for disposal. Approximately 5,220 cubic yards of contaminated soil was removed from the site.

Confirmation and documentation samples at the remedial excavation depths were collected and analyzed to verify that SCOs for the site have been achieved.

Backfill
Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to replace the excavated soil or complete the backfilling of the excavation and establish the designed grades at the site.

Groundwater Treatment
In-situ enhanced biodegradation was employed to treat groundwater via in-situ (in-place) injections using 3D Microemulsion® mixed with Bio-Dechlor Innoculum Plus® was injected in the saturated zone from 7 to 20 feet below grade to destroy chlorinated volatile organic compounds in an approximately 3,600 square foot area located in the western portion of the site. This injection targeted a treatment zone approximately 13-feet thick below the soil and groundwater interface.

Vapor Mitigation
A sub-slab depressurization system was installed in the Track 4 portion of the site to mitigate the migration of vapors into the building from groundwater. The foundation of the Track 2 portion of the site is below the water table, thus no SSDS was installed beneath the Track 2 area.

Cover System
A site cover was installed on the Track 4 portion of the site to allow for restricted residential use of the site in areas where the upper two feet of exposed surface soil exceeded the applicable soil cleanup objectives (SCOs). The site cover consists of a 6-inch concrete slab, building foundations and building slabs.

The results of the IRM are documented in the approved Construction Completion Report.

6.3: Summary of Environmental Assessment

This section summarizes the assessment of existing and potential future environmental impacts presented by the site. Environmental impacts may include existing and potential future exposure pathways to fish and wildlife receptors, wetlands, groundwater resources, and surface water. The RI report presents a detailed discussion of any existing and potential impacts from the site to fish and wildlife receptors.

Nature and Extent of Contamination:
Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, poly-chlorinated biphenyls (PCBs), metals and per- and polyfluoroalkyl substances (PFAS). Soil vapor was analyzed for VOCs.

Soil - Following the completion of the IRM excavation, end-point soil samples were collected and compared to the protection of groundwater soil cleanup objectives (PGSCOs) for VOCs, and to the restricted residential soil cleanup objectives (RRSCOs) for all other contaminant classes. For VOCs, there were no exceedances of the PGSCOs. For SVOCs, remaining maximum concentrations include benzo(a)anthracene at 8.24 parts per million, or ppm (RRSCO is 1 ppm), benzo(a)pyrene at 7.17 ppm (RRSCO is 1 ppm), benzo(b)fluoranthene at 6.11 ppm (RRSCO is 1 ppm), benzo(k)fluoranthene at 5.54 ppm (RRSCO is 3.9 ppm), chrysene at 7.91 ppm (RRSCO is 3.9 ppm), and indeno(1,2,3-cd)pyrene at 4.36 ppm (RRSCO is 0.5 ppm). For metals, remaining maximum concentrations include barium at 1,430 ppm (RRSCO is 400 ppm) and lead at 407 ppm (RRSCO is 400 ppm). No PCBs and pesticides exceeded the PGSCOs and RRSCOs. Perfluorooctanesulfonic acid (PFOS) remaining maximum concentration of 0.0028 ppm (PGSCO is 0.001 ppm) was below the RRSCO of 0.044 ppm.

Data does not indicate any off-site impacts in soil related to the site.

Groundwater - Chlorinated VOCs were detected in one monitoring well following the completion of groundwater treatment, including maximum concentrations of cis-1,2-dichloroethene (1,2- DCE) at 196 parts per billion (ppb) exceeding the Ambient Water Quality Standards and Guidance Values (AWQSGV) of 5 ppb. Trans-1,2-dichloroethene (Trans-1,2-DCE) was detected at a maximum concentration of 18.5 ppb (AWQSGV of 5 ppb). During the

remedial investigation, SVOCs such as benzo(a)anthracene at 1.72 ppb (AQWSGV is 0.002 ppb), benzo(b)fluoranthene at 1.76 ppb (AQWSGV is 0.002 ppb), benzo(k)fluoranthene at 1.38 ppm (AQWSGV is 0.002 ppb), chrysene at 1.50 ppb (AQWSGV is 0.002 ppb), and indeno(1,2,3-cd)pyrene at 0.60 ppb (AQWSGV is 0.002 ppb). Metals such as magnesium, manganese, selenium, sodium, and barium were detected at concentrations exceeding AWQSGV. These metals are ubiquitous and naturally occurring and are not considered to be site-specific contaminants of concern.

For the PFAS compounds, perfluorooctanoic acid (PFOA) was found at a maximum concentration of 1,020 parts per trillion (ppt) compared to the AQWSGV of 6.7 ppt and perfluorooctanesulfonic acid (PFOS) was found at a maximum concentration of 278 ppt compared to the AWQGV of 2.7 ppt.

Data indicates there are off-site impacts in groundwater related to the site which will continue to be treated and monitored under the Site Management Plan.

Soil Vapor, Sub-Slab Soil Vapor, and Indoor Air - Several chlorinated VOCs were detected in on-site sub-slab soil vapor and indoor air samples collected during the Remedial Investigation. Cis-1,2-Dichloroethene (1,2- DCE) was detected in sub-slab soil vapor samples at a maximum concentration of 150,000 micrograms per cubic meter (ug/m^3) and in indoor air samples at a maximum concentration of 0.79 ug/m^3. Vinyl chloride was detected in sub-slab soil vapor samples at a maximum concentration of 510 ug/m^3.Trichloroethene (TCE) was detected in sub-slab soil vapor samples at a maximum concentration of 250 ug/m^3 and in indoor air samples at a maximum concentration of 0.19 ug/m^3. Tetrachloroethene (PCE) was detected in sub-slab soil vapor samples at a maximum concentration of 94 ug/m^3 and in indoor air samples at a maximum concentration of 2.6 ug/m^3. Carbon tetrachloride was detected at a concentration of 0.44 ug/m^3 in one ambient air sample. Off-site soil vapor sidewalk samples and soil vapor samples collected at one east adjacent property did not show exceedances above the NYSDOH guidance values for soil vapor intrusion.

A sub-slab depressurization system has been installed, and efficacy sampling will be conducted during the 2025-2026 heating season under the SMP.

6.4: Summary of Human Exposure Pathways

This human exposure assessment identifies ways in which people may be exposed to site-related contaminants. Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure.*

People are not expected to come into contact with contaminated soil since the site is covered with clean soil, a building and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. A subslab depressurization system was installed

on the on-site building to address the potential for people to breathe contaminated indoor air, however the potential exists for soil vapor intrusion in any additional future on-site buildings. Environmental sampling indicates that vapor intrusion from site contamination is not a concern for other off-site structures.

6.5: Summary of the Remediation Objectives

The objectives for the remedial program have been established through the remedy selection process stated in 6 NYCRR Part 375. The goal for the remedial program is to restore the site to pre-disposal conditions to the extent feasible. At a minimum, the remedy shall eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the site through the proper application of scientific and engineering principles.

The remedial action objectives for this site are:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

SECTION 7: ELEMENTS OF THE SELECTED REMEDY

The selected remedy is a Multi-Track (Track 2 and Track 4): Restricted Residential remedy.

The selected remedy is referred to as the Green Remediation, Institutional Control and Site Management remedy.

During the course of the investigation certain actions, known as interim remedial measures (IRMs), were undertaken at the above referenced site. An IRM is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the remedial investigation (RI) or alternatives analysis (AA). The IRM undertaken at this site is discussed in Section 6.2.

Based on the results of the investigations at the site, the IRM that has been performed, and the evaluation presented here, NYSDEC has selected No Further Action as the remedy for the site. This No Further Action remedy includes continued operation of the remedial systems and the implementation of institutional controls/engineering controls (ICs/ECs) as the selected remedy for the site. NYSDEC believes that this remedy is protective of human health and the environment and satisfies the remediation objectives described in Section 6.5.

The remedial elements completed under the IRM are discussed in Section 6.2. Figures 3 through 9 include the completed IRM and selected remedy.

The elements of the selected remedy are as follows:

1. Green Remediation

Green remediation principals and techniques will be implemented to the extent feasible in the site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gas and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste; and
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the site management program, to promote implementation of green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise^{TM} (available in the Sustainable Remediation Forum [SURF] library) or similar NYSDEC accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be established for the site management activities, as appropriate.

Further, progress with respect to green and sustainable remediation metrics will be tracked, and reported in periodic reports, as part of the site management program, and opportunities to further reduce the environmental footprint of the project will be identified as appropriate.

Additionally, the site management program will include an evaluation of the impact of climate change on the project site and the engineering controls. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the site management program will include measures to minimize the impact of potential identified vulnerabilities.

2. Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
- require compliance with the NYSDEC approved Site Management Plan.

3. Site Management Plan

A Site Management Plan is required, which includes the following:

a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
   - Institutional Controls: The Environmental Easement discussed in Paragraph 2.
   - Engineering Controls: The Cover System and Vapor Mitigation Systems discussed in the elements of the IRM.

   This plan includes, but may not be limited to:
   - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
   - descriptions of the provisions of the environmental easement including any land use or groundwater restrictions;
   - a provision for evaluation of the potential for soil vapor intrusion for any occupied buildings on the site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
   - a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in the elements of the IRM above will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
   - provisions for the management and inspection of the identified engineering controls;

- maintaining site access controls and NYSDEC notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:
   - monitoring of groundwater, soil vapor and indoor air to assess the performance and effectiveness of the remedy;
   - a schedule of monitoring and frequency of submittals to NYSDEC; and
   - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

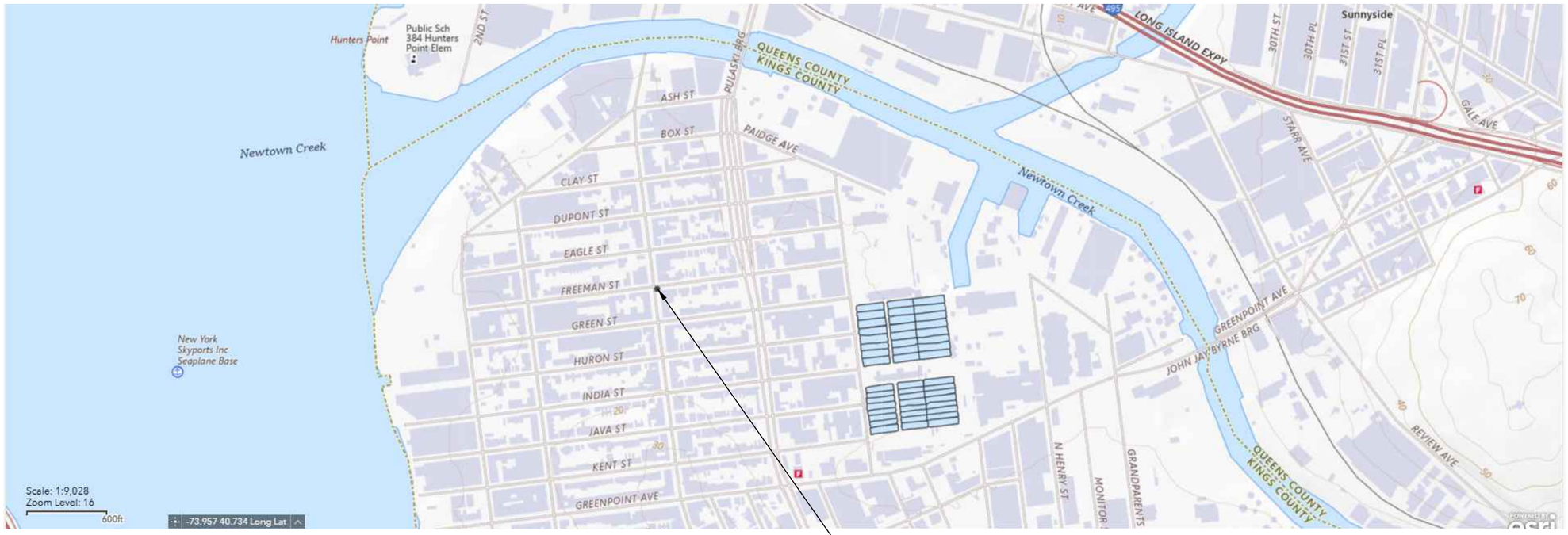
c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:
   - procedures for operating and maintaining the remedy;
   - compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting; and
   - maintaining site access controls and NYSDEC notification; and providing NYSDEC access to the site and O&M records.

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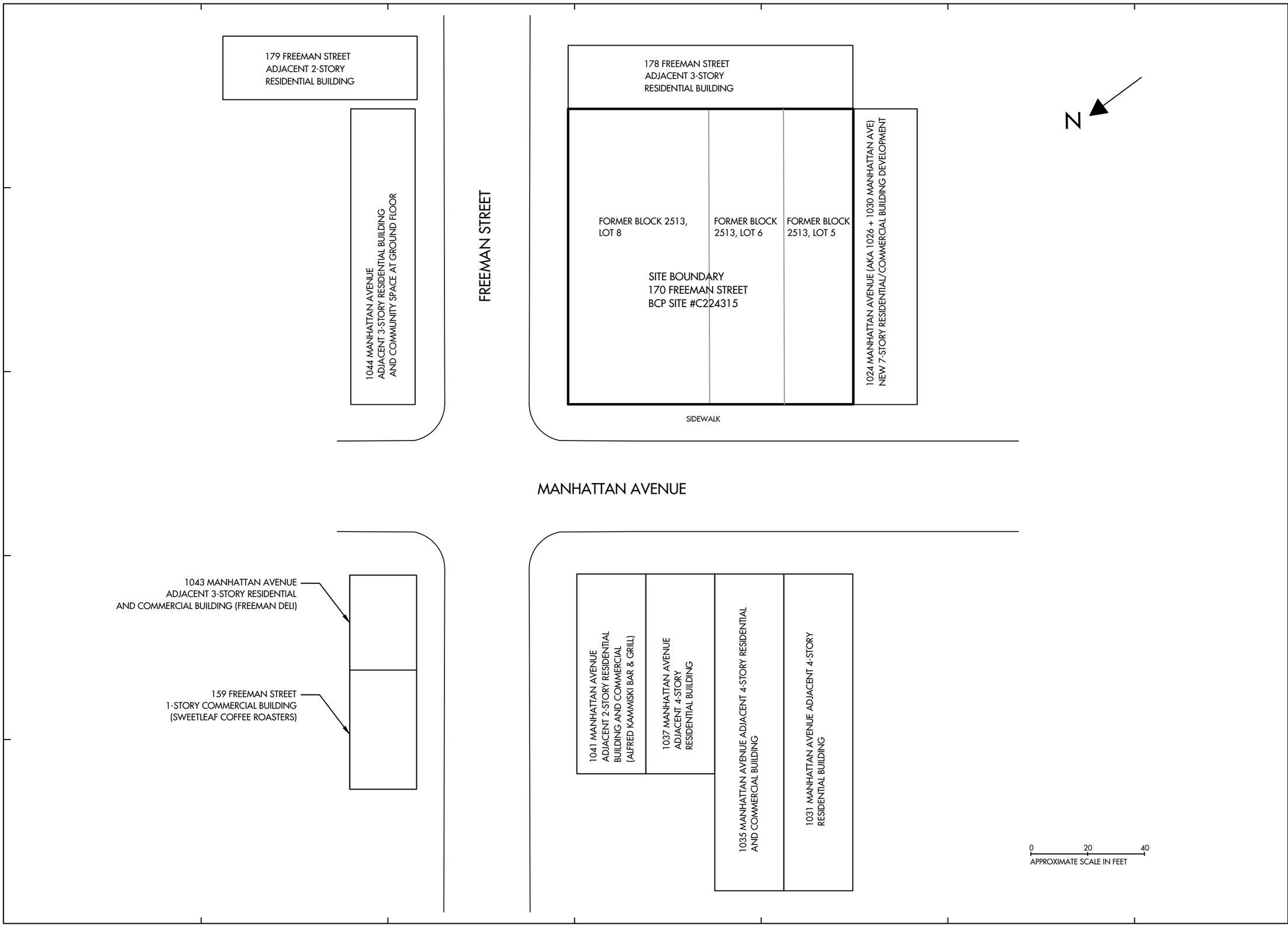
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PROJECT FIGURE

FIGURE 1: SITE LOCATION MAP

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A.S.	P.M.
SCALE (11X17)	APPROVED BY
AS NOTED	P.M.



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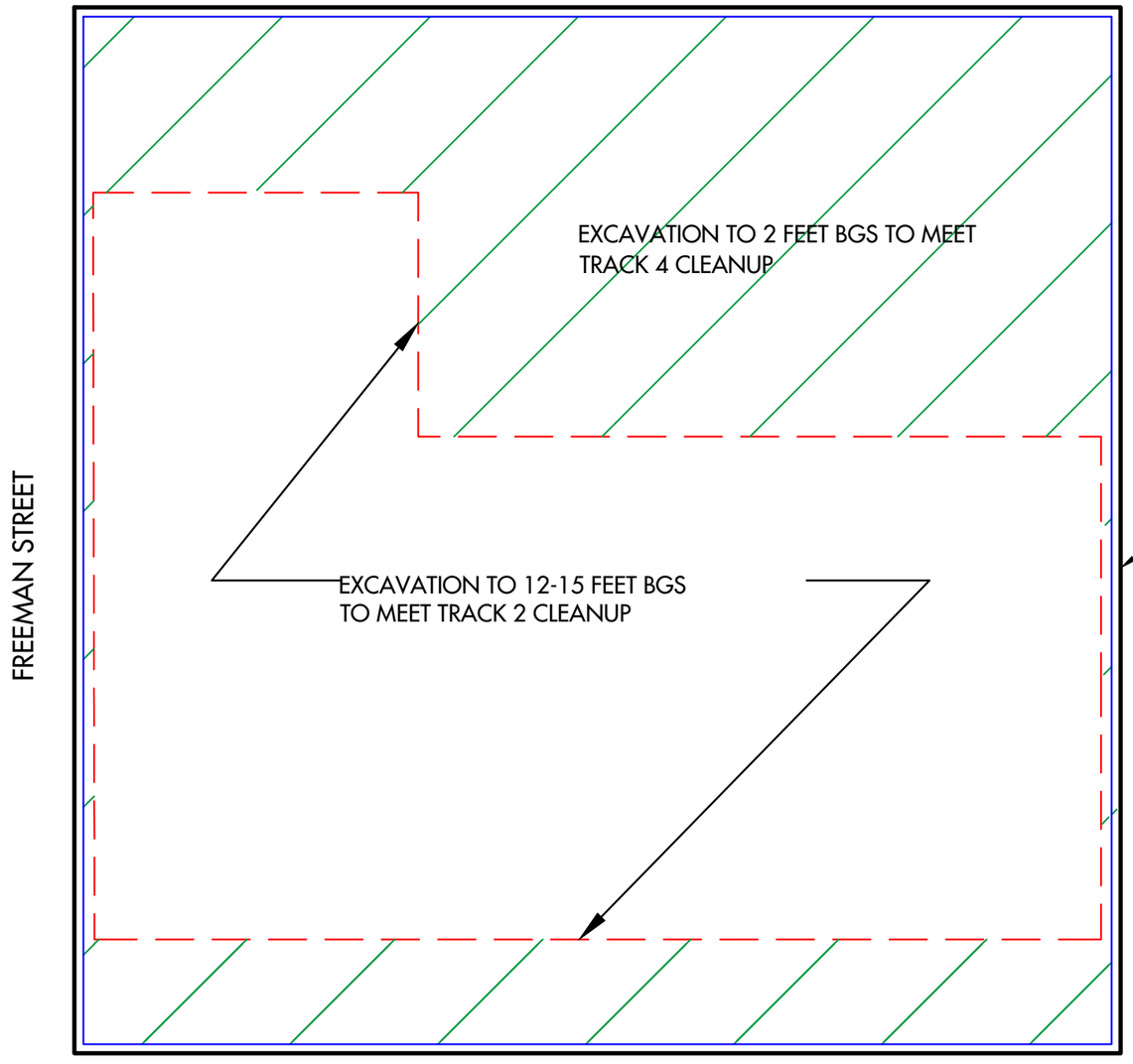
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PROJECT FIGURE

FIGURE 2: SITE BOUNDARY MAP

PROJECT NO.	DATE
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SCALE (11X17) AS NOTED	APPROVED BY P.M.



LEGEND:

BGS BELOW SIDEWALK GRADE

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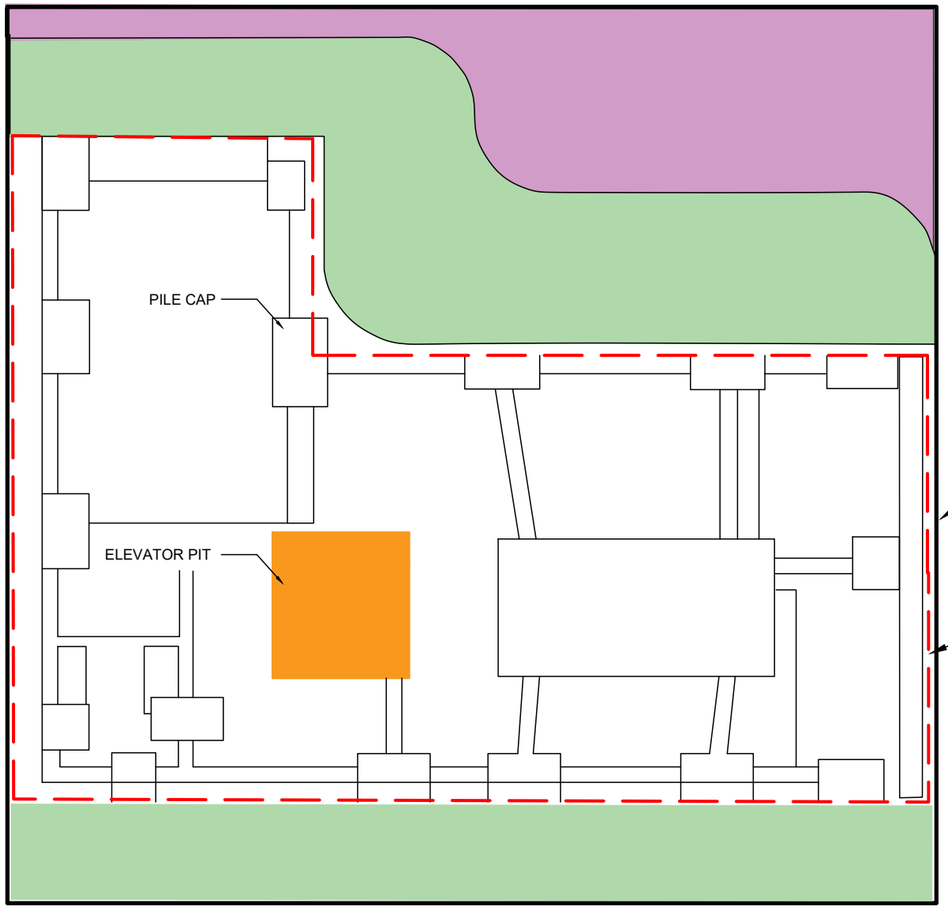
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PROJECT FIGURE

FIGURE 3 : MAP OF TRACK 2 AND TRACK 4

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LEGEND:

- EXCAVATION 45 DEGREE AROUND BASEMENT AREA FROM GRADE ELEVATION TO 14 FEET BGS
- EXCAVATION FOR BASEMENT LAYOUT TO 12 FEET BGS
- EXCAVATION FOR ELEVATOR PIT TO 20 FEET BGS
- EXCAVATION FOR OPEN PARKING AREA TO 2 FEET BGS
- EXCAVATION FOR FOOTINGS TO 14 FEET BGS

BGS BELOW SIDEWALK GRADE

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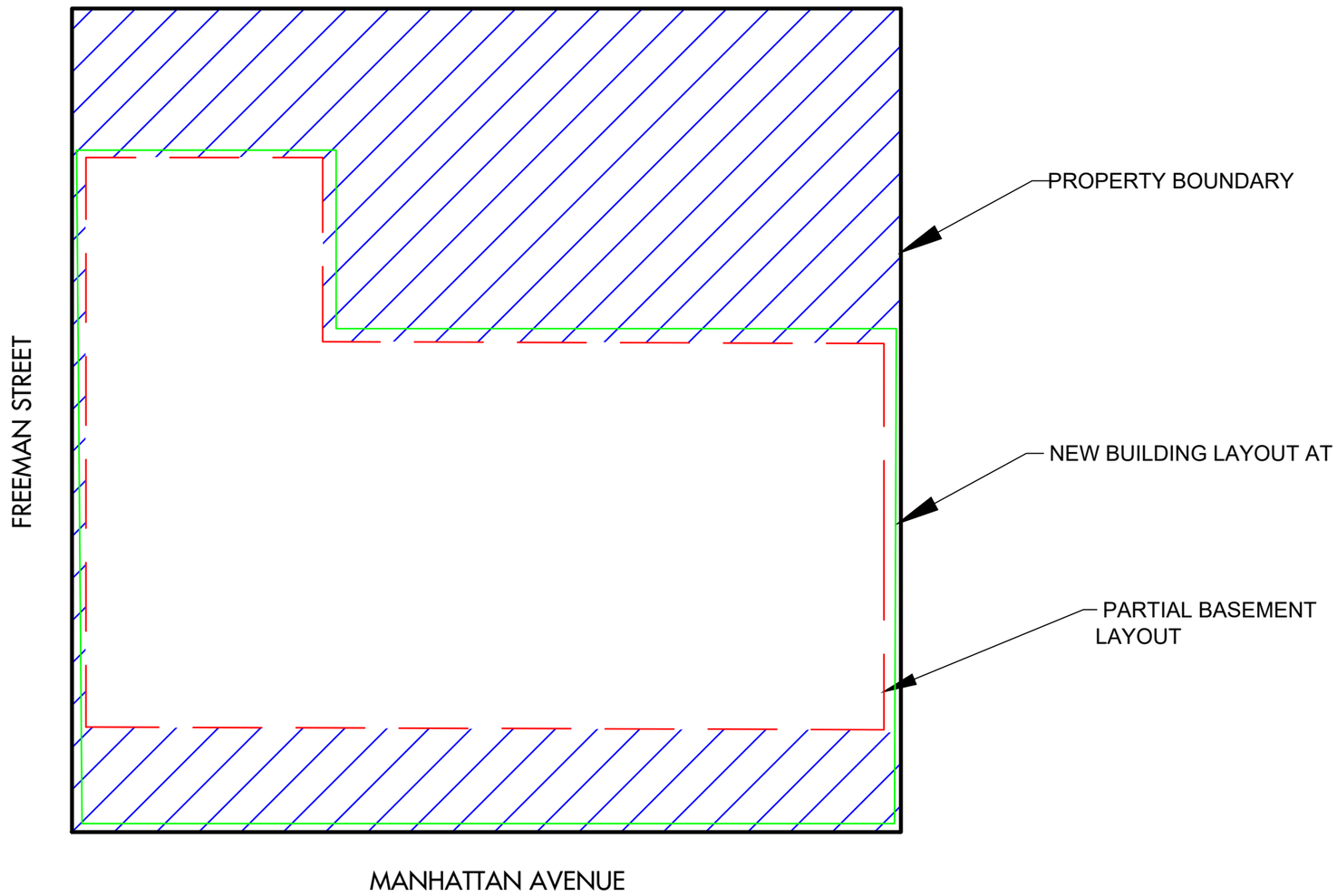
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PROJECT FIGURE

FIGURE 4: MAP OF EXCAVATION

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LEGEND:

6-INCH THICK CONCRETE SLAB-ON GRADE

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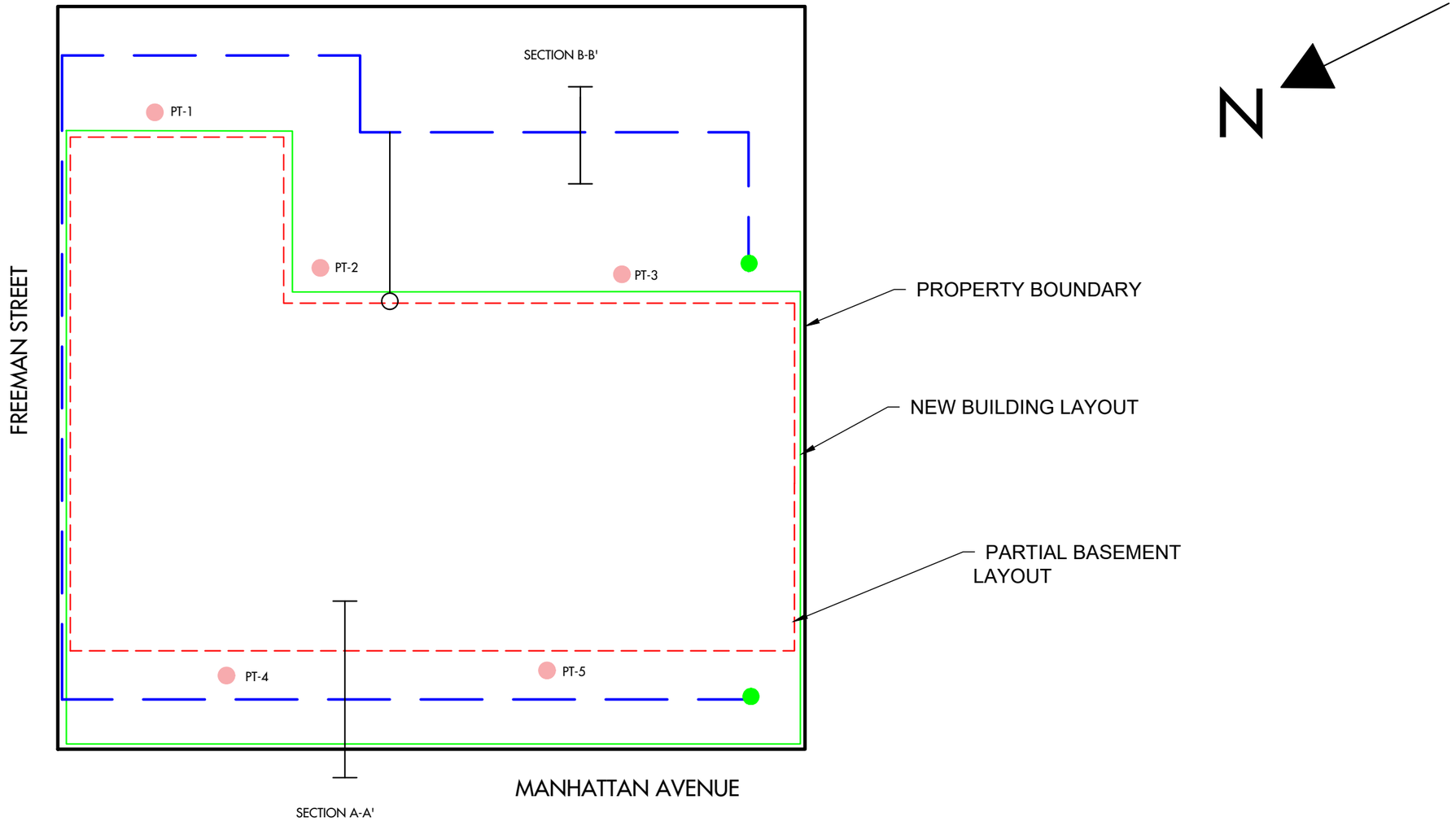
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FIGURE 5: COMPOSITE COVER SYSTEM

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SCALE (11X17) AS NOTED	APPROVED BY P.M.



LEGEND:

- VACUUM MONITORING POINTS INSTALLED UNDER SLAB AND FINISHED AT SURFACE WITH 5" MANHOLE COVERS (PT-)
- LOOP OF 4" DIAMETER SCH-40 PERFORATED PVC PIPE WRAPPED IN GEOFABRIQUE AND EMBEDDED IN A 6" LAYER OF ¾' BLUESTONE UNDER BUILDING SLAB AND EMBEDDED INSIDE 1' OF ¾" BLUESTONE AT BOTTOM OF TRENCH THAT IS 1' WIDE AND 3' DEEP OUTSIDE THE BUILDING
- 4" DIAMETER SCH-40 SOLID PVC UNDER SLAB ON-GRADE TO RISER LOCATION
- 4" DIAMETER CAST IRON RISER INSIDE 8-STORY BUILDING TO ROOFTOP
- 4" PVC END CAP

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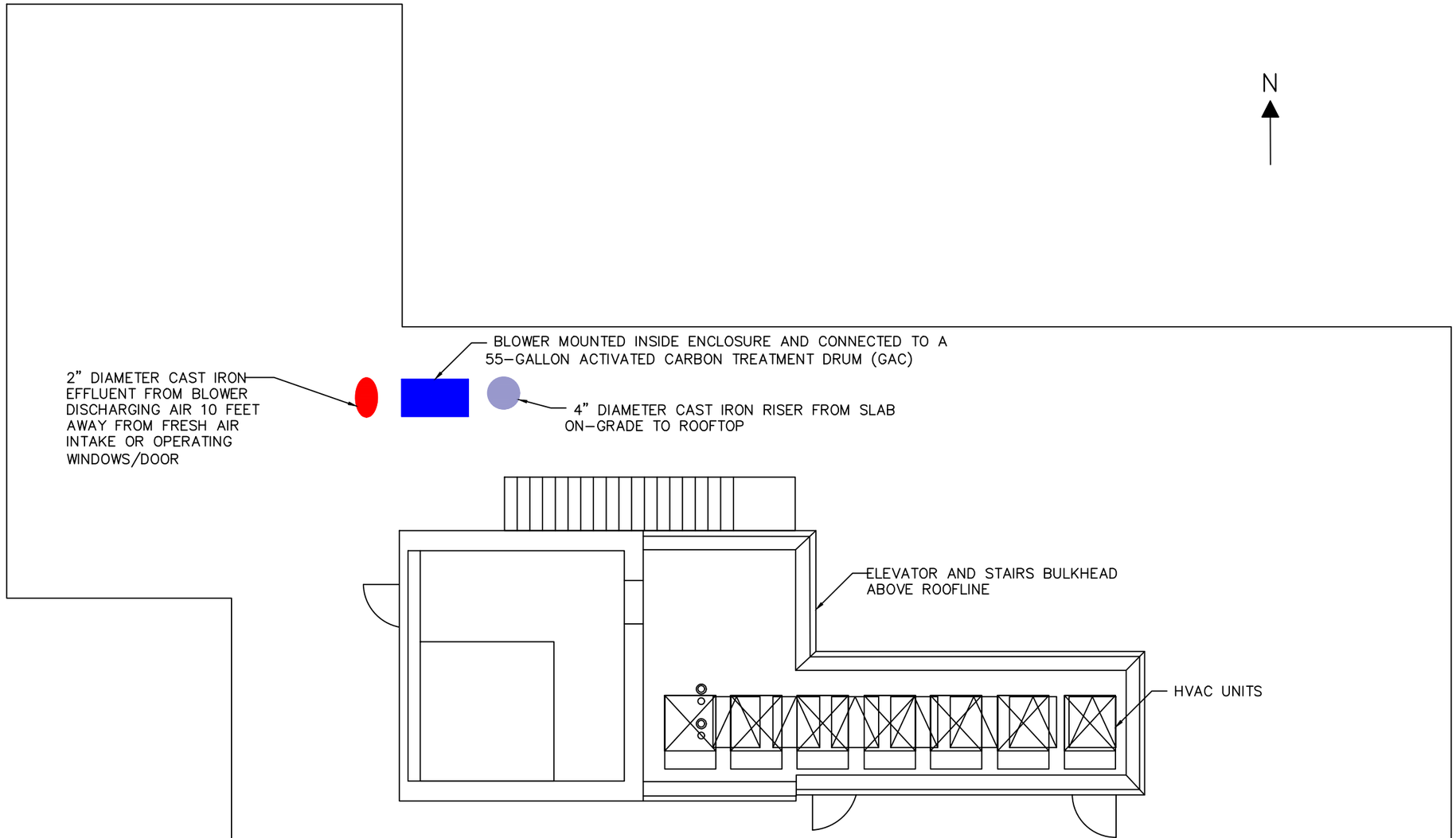
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PROJECT FIGURE

FIGURE 6: SSDS DESIGN- GRADE LEVEL

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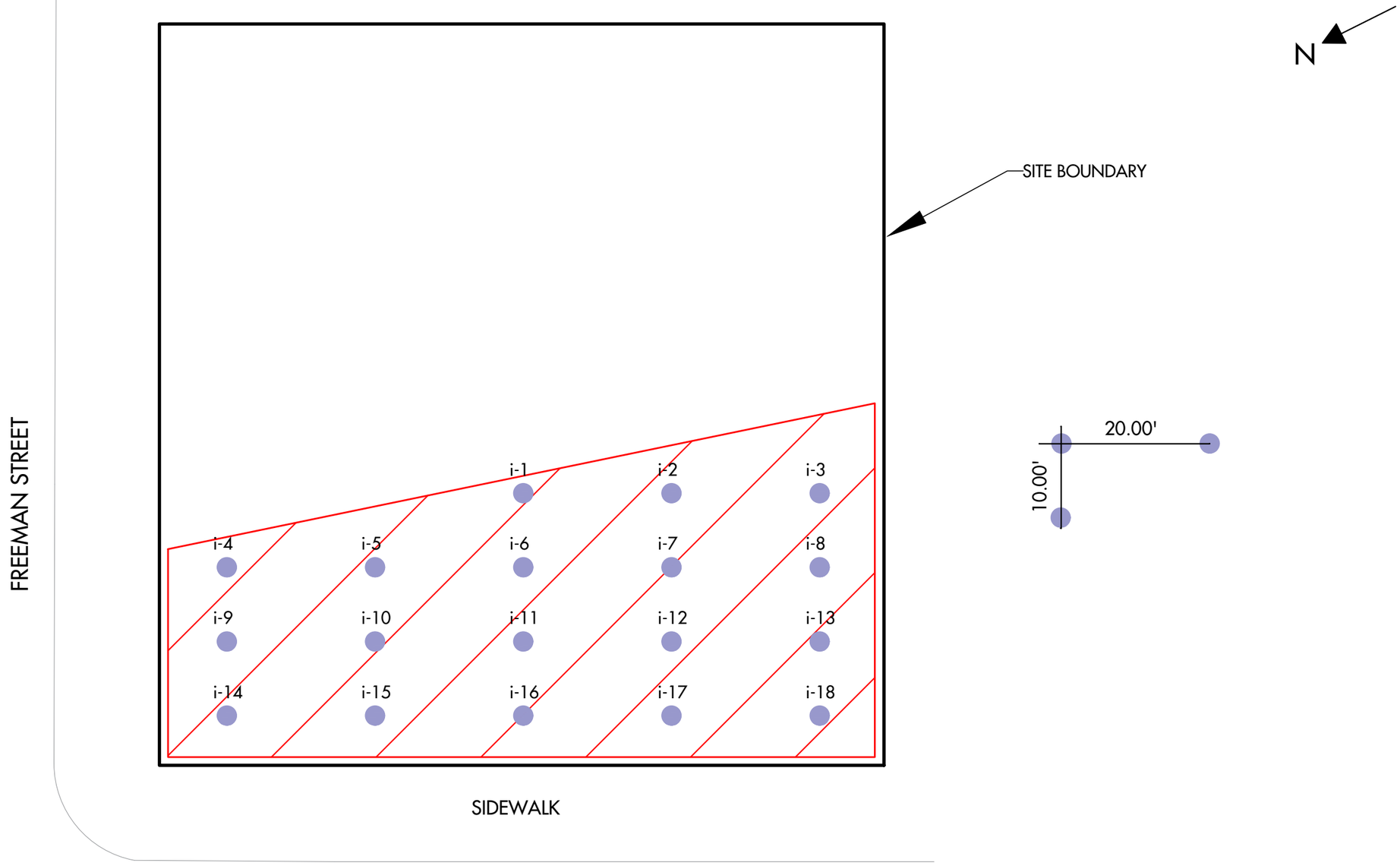
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PROJECT FIGURE

FIGURE 7 :SSDS DESIGN – ROOF BULKHEAD PLAN

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LEGEND:

INJECTION POINT (i-)

APPROXIMATE AREA OF BIOREMEDIAL INJECTIONS FOR GROUNDWATER REMEDIATION

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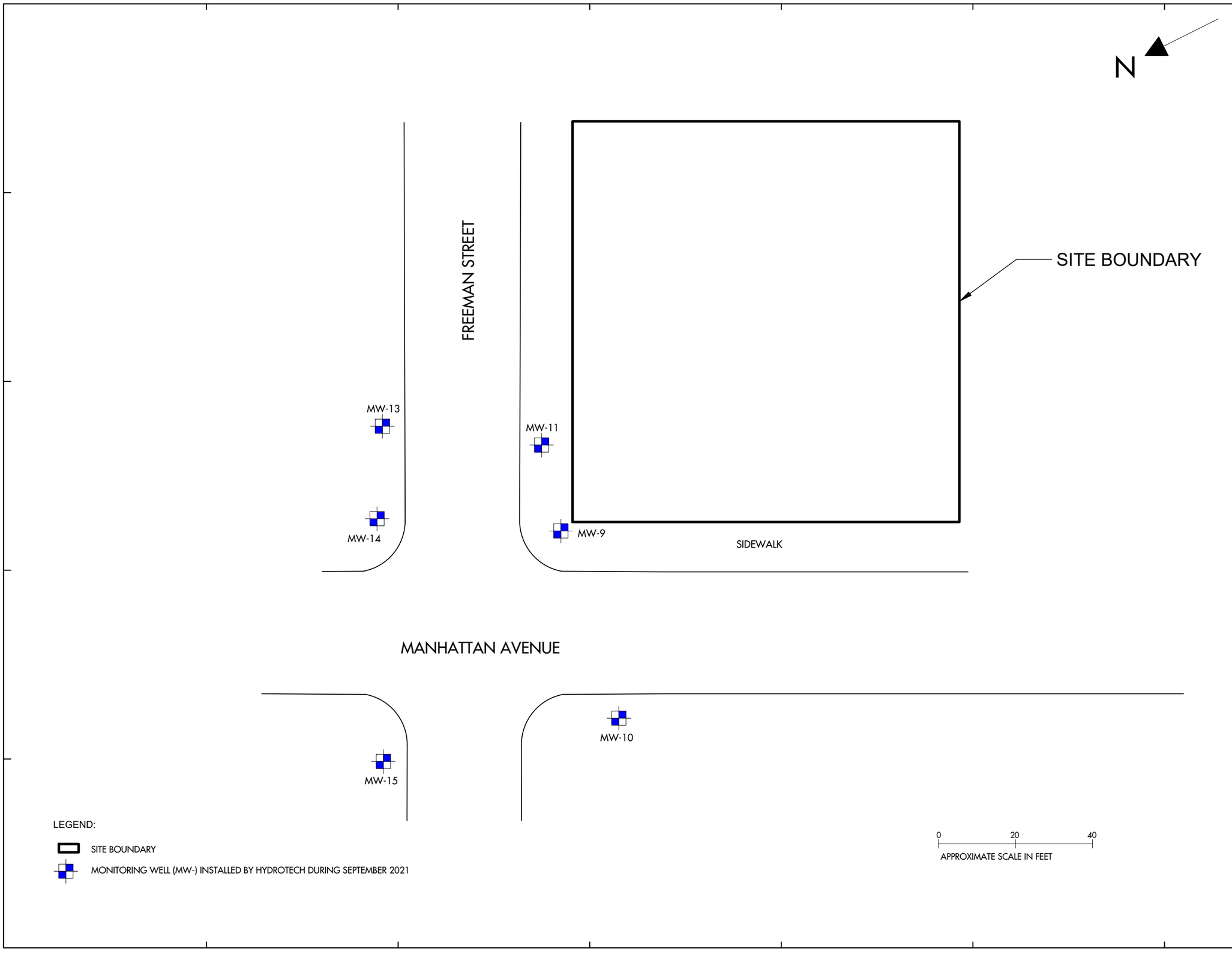
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PROJECT FIGURE

FIGURE 8: BIOREMEDIAL INJECTIONS

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SCALE (11X17) AS NOTED	APPROVED BY P.M.



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TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 9: MAP OF POST-REMEDIAL INJECTIONS GROUNDWATER SAMPLING LOCATIONS

PROJECT NO.	DATE
230051	11/27/23
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

APPENDIX 5

DIGITAL COPY OF FER

APPENDIX 6

POST SSDS START-UP SOIL VAPOR INTRUSION ASSESSMENT/OFF-SITE SOIL VAPOR INTRUSION EVALUATION REPORT

HydroTech Environmental
ENGINEERING AND GEOLOGY, DPC
231 West 29th Street, Suite 1104
New York, New York 10001 USA
Tel: (631) 462-5866
Email: Info@hydrotechenvironmental.com
WWW.HYDROTECHENVIRONMENTAL.COM
USA – Middle East – North Africa

September 15, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Attn.: Ms. Wendi Zheng, Project Manager

Re: Post SSDS Start-Up Soil Vapor Intrusion Assessment/ Off-Site Soil Vapor Intrusion Evaluation
1036 Manhattan Ave BCP Site
BCP Site #C224315
170 Freeman Street, Brooklyn New York (the "Site")

Dear Ms. Zheng:

This letter report summarizes the results of the post sub-slab depressurization system (SSDS) start-up on-site indoor and off-site soil vapor intrusion evaluation conducted for the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site (Site #C224315). The scope of this assessment was performed in accordance with NYSDEC-approved Interim Remedial Measures Work Plan (IRM WP) Addendum dated November 2023 and is intended to evaluate the effectiveness of the active SSDS installed beneath this Site. The SSDS was designed as part of IRM Work Plan dated February 2022 in order to prevent contaminated soil vapor with tetrachloroethylene (PCE) and its derivative products from affecting the indoor air quality inside the new building at the Site via a soil vapor intrusion pathway and also prevent the migrating of these vapors to off-site areas. This SSDS has been in operation since March 26, 2025, and its as-build installation details are documented in an IRM Construction Completion Report (CCR) dated July 2025.

This assessment was conducted on September 4 and 5, 2025 by collecting three indoor air samples designated IAS-1 to IAS-3 inside the new 8-story residential and commercial building at the Site that is currently vacant and undergoing interior finishing. Specifically, IAS-1 was collected inside the partial basement area, IAS-2 and IAS-3 were collected in the residential lobby area and the commercial space on the first floor. In addition, one existing soil vapor point designated as SV-17 and located on the sidewalk in front of the north-adjacent residential and commercial building at 1044 Manhattan Avenue was also sampled. A background outdoor air sample designated OAS-2 was also collected concurrently with the indoor air samples and the soil vapor sample.

Ambient air samples were collected at a height of approximately 4 to 5 feet above the ground to represent the breathing zone. Prior to the indoor air sampling, a pre-sampling inspection was conducted across each sampling location in accordance with the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York

(October 2006). The inspection also included a product inventory of chemicals currently stored inside the buildings and a preliminary screening of indoor organic vapor concentrations utilizing PID.

No evidence of petroleum odor and no organic vapors (<0.1 ppm) were detected with the PID. The inspection indicated fresh air is provided to the cellar area and the first-floor common area and commercial space from louvers integrated in the storefront systems of the commercial floor on the northern and western façades of the building on Freeman Avenue and Manhattan Avenue. The inspection also identified various building finishing materials and factory sealed paint and latex containers that are stored on the ground floor. The average indoor air temperature was approximately 72 degrees Fahrenheit. The first floor and basement space were considered air-tight during indoor air sampling except for the circulation of outside fresh air for ventilation. **Appendix 1** provides copies of the New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory. **Appendix 2** provides photographs of the fieldwork.

Prior to collecting the soil vapor sample from SV-17, a 60-cm^3 plastic syringe was used to purge approximately 1 to 3 implant volumes (i.e. the volume of the sample probe and tube) from the point. To ensure the integrity of the soil vapor borehole seal and to verify that ambient air is not inadvertently drawn into the sample, helium gas was applied as a tracer gas within a plastic chamber that is 8-inch in diameter and tightly encapsulates the sub-slab vapor point. The chamber was sealed to the ground using caulk. After enriching the atmosphere inside the chamber in the immediate vicinity of the sampling location with helium gas, a portable monitoring device MGD-2002 Helium-Hydrogen Leak Detector; Model 83-219, was connected to the tubing from the sub-slab vapor point.

Figure 1 provides the locations of on-site ambient air samples and off-site soil vapor sample.

All indoor, outdoor and soil vapor samples were collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa Canister. The indoor and outdoor air ambient air samples were collected for the duration of approximately 24 hours. The soil vapor sample was collected for a duration of approximately 6 hours. The samples were submitted to York Analytical Laboratories, Inc. for analysis of volatile organic compounds (VOCs) as per EPA Method TO+15. A soil vapor intrusion sampling log is provided in **Appendix 3**. A copy of the laboratory report is presented as **Appendix 4**.

A summary of VOCs detected in the off-site soil vapor sample, and on-site ambient air samples is provided in **Table 1**. As **Table 1** indicates, no VOCs associated with chlorinated hydrocarbons were detected in the soil vapor sample SV-17. One chlorinated contaminant of concern PCE was only detected at a trace concentration of 2.4 $\mu g/m^3$ in one individual indoor air sample IAS-3, which is below the NYSDOH Indoor Air Guideline Value (AGV) of 30 $\mu g/m^3$. This data does not show any impact of chlorinated soil vapor intrusion on-site or any evidence of chlorinated soil vapor migration off-site.

Other VOCs associated with petroleum chemicals were commonly detected at low concentrations in all the three indoor air samples IAS-1 to IAS-3 collected on-site. These VOCs were also detected in the background outdoor air sample and soil vapor sample also to moderate concentrations and in the off-site soil vapor sample SV-17 at low concentrations.

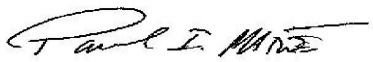
This soil vapor intrusion investigation confirms that the installed engineering control consisting of an active SSDS is effectively mitigating the soil vapor intrusion of chlorinated compounds beneath the building and is also preventing the migration of these vapors to off-site areas.

A Data Usability Summary Report (DUSR) will be prepared for the analytical results for the soil vapor and ambient air samples analytical results by an independent data reviewer, Dr Amine Dahmani, an independent contractor, who has been approved by DER to perform data validation. The results of the DUSR will be reported to NYSDEC when they become available.

The soil vapor and ambient air samples data was submitted electronically to NYSDEC through the Environmental Information Management System using the NYSDEC standardized Electronic Data Deliverable (EDD) format.

Sincerely,

Hydro Tech Environmental Engineering and Geology, DPC



Paul I. Matli, PhD, PG
Senior Project Manager

cc: J. O'Connell - NYSDEC w/ Enc. (by email)
G. Duke, Esq. - Connell Foley LLP. w/ Enc. (by email)
M. Kesten - BK Corners LLC w/ Enc. (by email)
D. Greenberg - 170 Freeman LLC (by email)
T. Khouri, PE – HydroTech (by email)
Hydro Tech file 210010 / 230051

LIST OF ATTACHMENTS

Table

1. Post SSDs Start Up Indoor Air and Soil Vapor Intrusion Samples Analytical Results

Figure

1. Post SSDS Start-Up Indoor Air Sampling On-Site and Soil Vapor Sampling Off-Site

Appendices

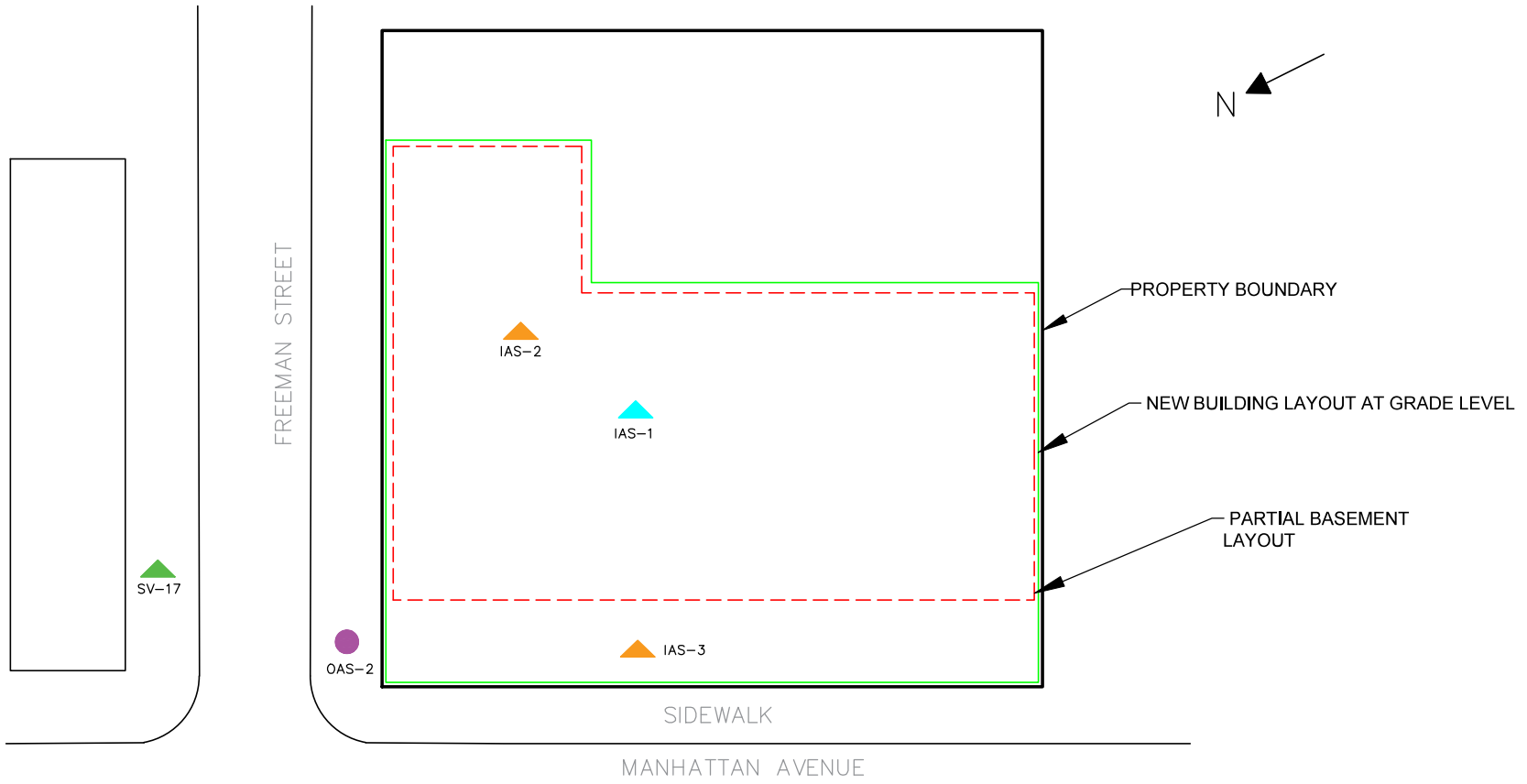
1. New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory
2. Photographs of the Fieldwork
3. Soil Vapor Intrusion Sampling Log
4. Laboratory Report

ATTACHMENTS

Table 1
Post SSDS Starup Indoor Air and Soil Vapor Intrusion Samples Analytical Results
170 Freeman Street, Brooklyn, NY

Sample ID	SV-17		IAS-1		IAS-2		IAS-3		OAS-2	
Sampling Date	9/4/2025		9/5/2025		9/5/2025		9/5/2025		9/5/2025	
Client Matrix	Soil Vapor		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Outdoor Ambient Air	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
1,1,1,2-Tetrachloroethane	1.20	U	0.90	U	0.72	U	0.67	U	9.60	U
1,1,1-Trichloroethane	0.95	U	0.71	U	0.58	U	0.53	U	7.60	U
1,1,2,2-Tetrachloroethane	1.20	U	0.90	U	0.72	U	0.67	U	9.60	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.30	U	1	U	0.81	U	0.75	U	11	U
1,1,2-Trichloroethane	0.95	U	0.71	U	0.58	U	0.53	U	7.60	U
1,1-Dichloroethane	0.70	U	0.53	U	0.43	U	0.40	U	5.60	U
1,1-Dichloroethylene	0.35	U	0.26	U	0.21	U	0.19	U	2.80	U
1,2,4-Trichlorobenzene	65	U	49	U	39	U	36	U	520	U
1,2,4-Trimethylbenzene	**0.94**	D	**0.77**	D	**1.40**	D	**0.82**	D	**6.80**	J
1,2-Dibromoethane	1.30	U	1	U	0.81	U	0.75	U	11	U
1,2-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,2-Dichloroethane	0.70	U	0.53	U	0.43	U	0.39	U	5.60	U
1,2-Dichloropropane	0.80	U	0.61	U	0.49	U	0.45	U	6.40	U
1,2-Dichlorotetrafluoroethane	1.20	U	0.92	U	0.74	U	0.68	U	9.70	U
1,3,5-Trimethylbenzene	0.86	U	0.64	U	0.52	U	0.48	U	6.80	U
1,3-Butadiene	1.20	U	0.87	U	0.70	U	0.65	U	9.20	U
1,3-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,3-Dichloropropane	0.80	U	0.61	U	0.49	U	0.45	U	6.40	U
1,4-Dichlorobenzene	1	U	0.79	U	0.63	U	0.59	U	8.40	U
1,4-Dioxane	3.10	U	2.40	U	1.90	U	1.80	U	25	U
2,2,4-Trimethylpentane	0.41	U	0.31	U	0.25	U	0.23	U	3.30	U
2-Butanone	**26**	J	**19**	J	**16**	J	**14**	J	**210**	J
2-Hexanone	**1.40**	J	**1.10**	J	0.87	U	**0.80**	J	11	U
3-Chloropropene	2.70	U	2.10	U	1.70	U	1.50	U	22	U
4-Methyl-2-pentanone	**0.78**	D	**1.20**	D	**0.48**	D	**0.88**	D	**13**	D
Acetone	**160**	D	**53**	D	**16**	D	**26**	D	**190**	D
Acrylonitrile	**57**	D	14	U	11	U	11	U	150	U
Benzene	**1.20**	D	**0.59**	D	**0.57**	D	**0.65**	D	4.40	U
Benzyl chloride	23	U	17	U	14	U	13	U	180	U
Bromodichloromethane	1.20	U	0.88	U	0.71	U	0.65	U	9.30	U
Bromoform	1.80	U	1.40	U	1.10	U	1	U	14	U
Bromomethane	0.68	U	0.51	U	0.41	U	0.38	U	5.40	U
Carbon disulfide	0.54	U	**0.69**	D	0.33	U	0.30	U	4.30	U
Carbon tetrachloride	0.27	U	0.21	U	0.17	U	0.15	U	2.20	U
Chlorobenzene	0.80	U	0.60	U	0.49	U	0.45	U	6.40	U
Chloroethane	0.46	U	0.35	U	0.28	U	0.26	U	3.70	U
Chloroform	0.85	U	0.64	U	0.52	U	0.48	U	6.80	U
Chloromethane	**2.40**	D	**1.60**	D	**1.60**	D	**1.80**	D	2.90	U
cis-1,2-Dichloroethylene	0.35	U	0.26	U	0.21	U	0.19	U	2.80	U
cis-1,3-Dichloropropylene	0.79	U	0.59	U	0.48	U	0.44	U	6.30	U
Cyclohexane	0.60	U	**0.90**	D	**0.36**	D	**0.44**	D	4.80	U
Dibromochloromethane	1.50	U	1.10	U	0.90	U	0.83	U	12	U
Dichlorodifluoromethane	**2**	D	**1.90**	D	**1.90**	D	**1.70**	D	6.90	U
Ethyl acetate	**31**	J	24	J	**19**	J	**18**	J	**250**	J
Ethyl Benzene	**1.40**	D	**1.40**	D	**2.50**	D	**1.70**	D	6	U
Hexachlorobutadiene	1.90	U	1.40	U	1.10	U	1	U	15	U
Isopropanol	**12**	D	**17**	D	**6**	D	**28**	D	**210**	D
Methyl Methacrylate	0.71	U	0.54	U	0.43	U	0.40	U	5.70	U
Methyl tert-butyl ether (MTBE)	0.63	U	0.47	U	0.38	U	0.35	U	5	U
Methylene chloride	3.60	U	**2.70**	J	**2.20**	J	**2**	J	29	U
Naphthalene	9.10	U	**6.90**	J	**5.50**	J	**5.10**	J	73	U
n-Heptane	0.71	U	0.54	U	0.43	U	0.40	U	5.70	U
n-Hexane	**1.10**	D	**1.50**	D	**0.71**	D	**2.10**	D	**11**	D
o-Xylene	**2.50**	D	**2.30**	D	**4.60**	D	**3**	D	**6.70**	D
p- & m- Xylenes	**6.10**	D	**6**	D	**11**	D	**7.20**	D	**21**	D
p-Ethyltoluene	0.86	U	0.64	U	0.52	U	0.48	U	6.80	U
Propylene	**2.50**	D	0.23	U	0.18	U	0.17	U	2.40	U
Styrene	0.74	U	**1**	D	**1.50**	D	0.42	U	5.90	U
Tetrachloroethylene	1.20	U	0.89	U	0.72	U	**2.40**	D	9.40	U
Tetrahydrofuran	**4.60**	D	0.77	U	**0.62**	J	**1.40**	D	**47**	D
Toluene	**3.10**	D	**3**	D	**11**	D	**9.60**	D	**12**	D
trans-1,2-Dichloroethylene	0.69	U	0.52	U	0.42	U	0.39	U	5.50	U
trans-1,3-Dichloropropylene	0.79	U	0.59	U	0.48	U	0.44	U	6.30	U
Trichloroethylene	0.23	U	0.18	U	0.14	U	0.13	U	1.90	U
Trichlorofluoromethane (Freon 11)	**0.98**	D	**1**	D	**1**	D	**1**	D	7.80	U
Vinyl acetate	0.61	U	0.46	U	0.37	U	0.34	U	4.90	U
Vinyl bromide	0.76	U	0.57	U	0.46	U	0.43	U	6.10	U
Vinyl Chloride	0.22	U	0.17	U	0.13	U	0.12	U	1.80	U

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
Bolded value indicates concentration is greater than Methd Detection Limit



LEGEND:

- INDOOR AIR SAMPLE INSIDE THE BASEMENT (IAS-)
- INDOOR AIR SAMPLE INSIDE THE FIRST FLOOR (IAS-)
- OUTDOOR AIR SAMPLE (OAS-)
- SOIL VAPOR SAMPLE (SV-)

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BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 1: POST SSDS START-UP INDOOR AIR SAMPLING ON-SITE AND SOIL VAPOR SAMPLING OFF-SITE

PROJECT NO. 230051	DATE 10/02/2023
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Appendix 1

New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Matthew Sanchez Date/Time Prepared 9/4/25

Preparer's Affiliation HydroTech Environmental Phone No. _____

Purpose of Investigation _____

1. OCCUPANT:

Interviewed: (Y) / N

Last Name: _____ First Name: Julio

Address: 170 Freeman Street

County: Kings

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential)	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	~~Apartment House~~	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Vacant

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 8 Building age 1

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Stairwells (doors are kept closed), elevator

Airflow near source

NA

Outdoor air infiltration

front door access

Infiltration into air ducts

NA

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 12 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

N/A

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? (Y)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Fresh air is provided to the cellar area and the first floor common area and commercial space from louvers integrated in the storefront systems of the commercial floor on the northern and western façades of the building on Freeman Avenue and Manhattan Avenue

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Gym, Storage, Mechanical
1st Floor	Comercial Space, Coworking office space, lobby
2nd Floor	Apartments
3rd Floor	Apartments
4th Floor	Apartments

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / (N) / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / N When & Type?_____

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? New construction

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency) NA

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

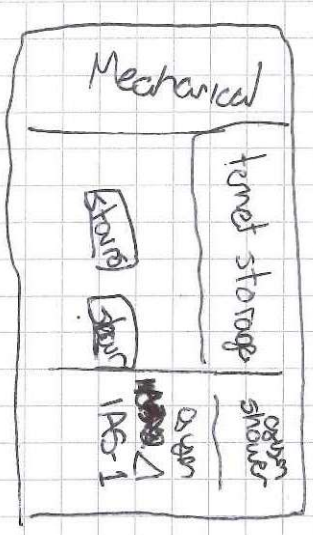
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

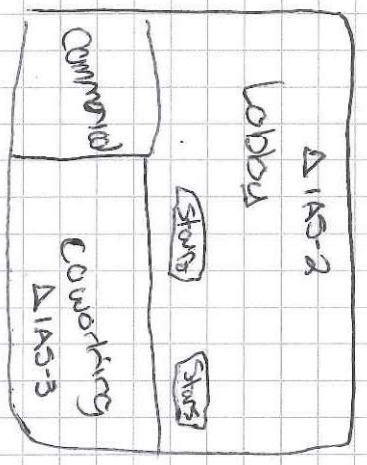
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



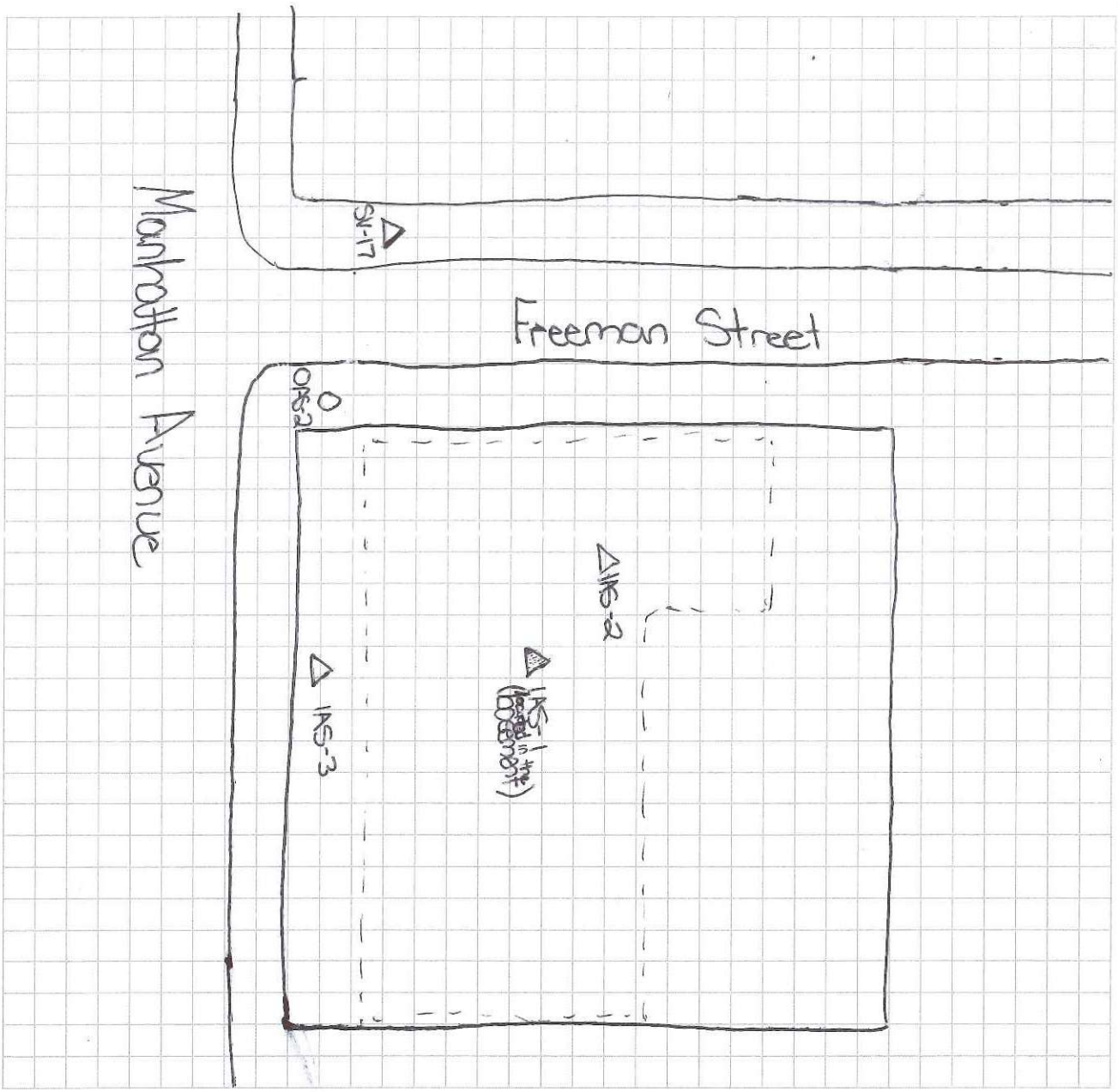
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Minirae

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Basement	Plus 3 Joint compound	5gal	used	Limestone, attapulgite	0.0	Y
↓	Wood filler	32oz	↓	Limestone, Kaolin clays, wood fibers	↓	↓
↓	Latex Semi-Gloss Enamel	5gal	↓	Limestone, calcined Kaolin, titanium dioxide	↓	↓
First Floor	NA					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix 2
Photographs of the Fieldwork



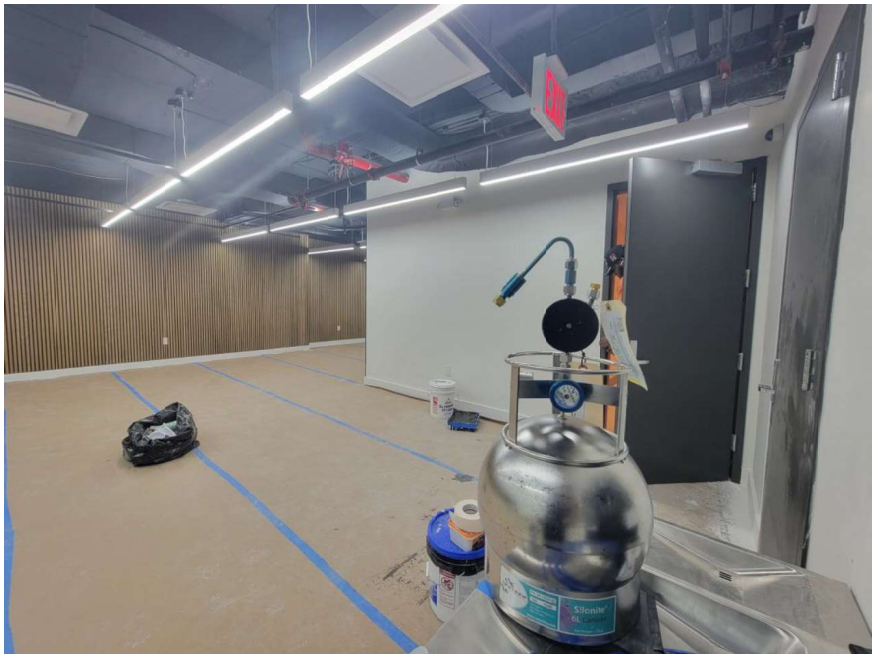
Indoor air screening with the PID



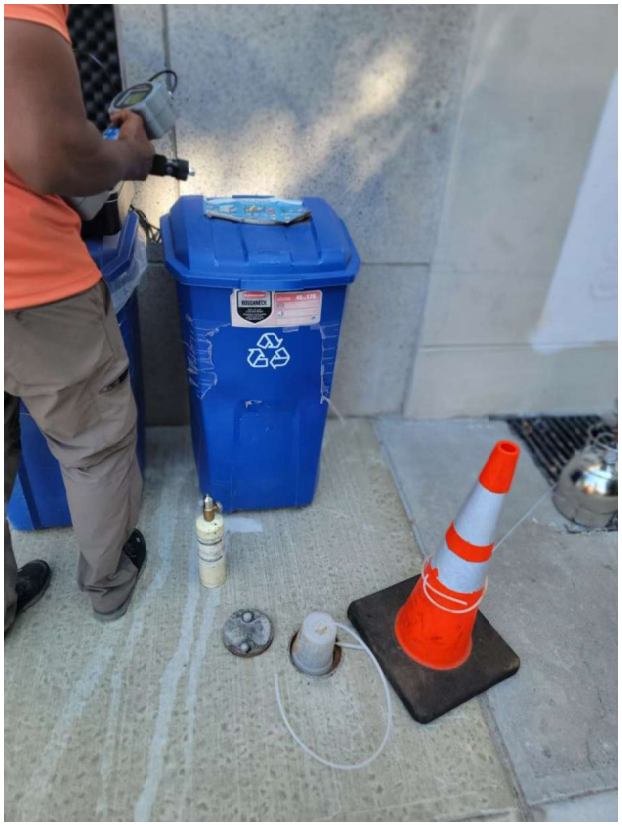
Indoor air sample IAS-2 in the lobby area on ground floor



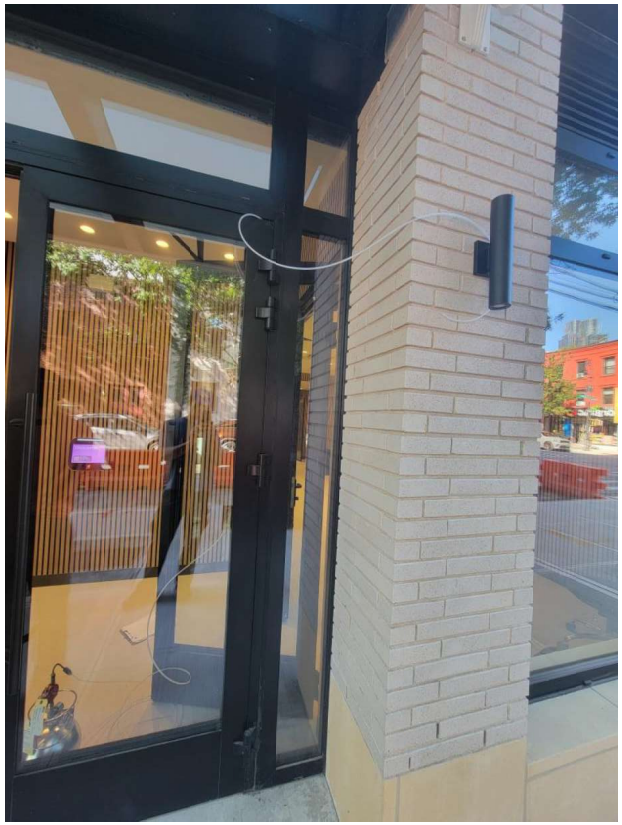
Indoor Air sample IAS-3 in commercial space on ground floor



Indoor Air sample IAS-1 in partial basement



Helium test prior to sampling SV-17



Outdoor air sample OAS-2

Appendix 3
Soil Vapor Intrusion Sampling Log

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Site Address: 170 Freeman Street, Brooklyn, NY

Weather Conditions during past 24-48 hrs: 60-75°F, Sunny, 5-10mph winds

Building Ventilation Conditions: average tightness, active ac

Source(s) of VOCs in Area: NA

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum ("Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
SV-17	9/4/25	AS				Dorian Edwards	0.0	NA	50308	6	1			0955		-30			65-75°F, Sunny
IAS-1	9/5/25	AI	NA	NA	NA	↓	↓	70°F	16695	6	N/A			0937		-30			↓
IAS-2	9/5/25	AI	↓	↓	↓			↓	23998	6	↓			0922		-29			
IAS-3	9/5/25	AI							28305	6				0927		-28			
OAS-2	9/5/25	AO						NA	30414	6				0947		-30			

Air Matrix Codes:
AI - Indoor Air
AO - Outdoor Air
SV - Soil Vapor
SB - Sub-slab

Notes: SV-17 is set up for 6hrs on 9/4/2025 and collected the same day
(IAS-1, IAS-2, IAS-3, OAS-2) are set up for 24hrs on 9/4/2025 and collected on 9/5/2025

Appendix 4
Laboratory Report

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 09/09/2025
Client Project ID: 170 Freeman Street Brooklyn, NY
York Project (SDG) No.: 25I0278

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2025
Client Project ID: 170 Freeman Street Brooklyn, NY
York Project (SDG) No.: 25I0278

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 05, 2025 and listed below. The project was identified as your project: **170 Freeman Street Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25I0278-01	IAS-1 20250905	Indoor Ambient Air	09/05/2025	09/05/2025
25I0278-02	IAS-2 20250905	Indoor Ambient Air	09/05/2025	09/05/2025
25I0278-03	IAS-3 20250905	Indoor Ambient Air	09/05/2025	09/05/2025
25I0278-04	OAS-2 20250905	Outdoor Ambient Ai	09/05/2025	09/05/2025

General Notes for York Project (SDG) No.: 25I0278

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 09/09/2025

Sample Information

Client Sample ID: IAS-1 20250905 **York Sample ID:** 25I0278-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:34 am	09/05/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.90	1.31	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 04:51	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.71	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.90	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.0	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.71	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.53	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.26	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	49	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.77**		ug/m³	0.64	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.0	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.79	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.53	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.61	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.92	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.64	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.87	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.79	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.61	1.31	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 04:51	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.79	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
123-91-1	1,4-Dioxane	ND		ug/m³	2.4	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.31	1.31	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 04:51	YR
78-93-3	2-Butanone	ND		ug/m³	19	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR

Sample Information

Client Sample ID: IAS-1 20250905 **York Sample ID:** 25I0278-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:34 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.1	1.31	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 04:51	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.1	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
108-10-1	**4-Methyl-2-pentanone**	**1.2**		ug/m³	0.54	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
67-64-1	**Acetone**	**53**		ug/m³	16	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
107-13-1	Acrylonitrile	ND		ug/m³	14	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
71-43-2	**Benzene**	**0.59**		ug/m³	0.42	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
100-44-7	Benzyl chloride	ND		ug/m³	17	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.88	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-25-2	Bromoform	ND		ug/m³	1.4	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
74-83-9	Bromomethane	ND		ug/m³	0.51	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-15-0	**Carbon disulfide**	**0.69**		ug/m³	0.41	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.21	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.60	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-00-3	Chloroethane	ND		ug/m³	0.35	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
67-66-3	Chloroform	ND		ug/m³	0.64	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
74-87-3	**Chloromethane**	**1.6**	TO-CCV	ug/m³	0.27	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.26	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.59	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
110-82-7	**Cyclohexane**	**0.90**		ug/m³	0.45	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.1	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.65	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR
141-78-6	* Ethyl acetate	ND		ug/m³	24	1.31	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 04:51	YR
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.57	1.31	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 04:51	YR

Sample Information

Client Sample ID: IAS-1 20250905 **York Sample ID:** 25I0278-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:34 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.4	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
67-63-0	**Isopropanol**	**17**		ug/m³	1.9	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.54	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.47	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-09-2	Methylene chloride	ND		ug/m³	2.7	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
91-20-3	* ^Naphthalene	ND		ug/m³	6.9	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.54	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
110-54-3	**n-Hexane**	**1.5**		ug/m³	0.46	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
95-47-6	**o-Xylene**	**2.3**		ug/m³	0.57	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
179601-23-1	**p- & m- Xylenes**	**6.0**		ug/m³	1.1	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.64	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.23	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:			
100-42-5	**Styrene**	**1.0**		ug/m³	0.56	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.89	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.77	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:			
108-88-3	**Toluene**	**3.0**		ug/m³	0.49	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.52	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.59	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.18	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.74	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	0.46	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.57	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	1.31	EPA TO-15	09/06/2025 16:11	09/09/2025 04:51	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: IAS-1 20250905 **York Sample ID:** 25I0278-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:34 am	09/05/2025

Sample Information

Client Sample ID: IAS-2 20250905 **York Sample ID:** 25I0278-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:32 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.72	1.056	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 05:38	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.58	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.72	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.81	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.58	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.21	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	39	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.52	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.81	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.63	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.74	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.52	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.70	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.63	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	1.056	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 05:38	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.63	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR

Sample Information

Client Sample ID: IAS-2 20250905 **York Sample ID:** 25I0278-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:32 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	1.9	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.25	1.056	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 05:38	YR
78-93-3	2-Butanone	ND		ug/m³	16	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.87	1.056	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 05:38	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
108-10-1	**4-Methyl-2-pentanone**	**0.48**		ug/m³	0.43	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
67-64-1	**Acetone**	**16**		ug/m³	13	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
107-13-1	Acrylonitrile	ND		ug/m³	11	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
71-43-2	**Benzene**	**0.57**		ug/m³	0.34	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
100-44-7	Benzyl chloride	ND		ug/m³	14	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-25-2	Bromoform	ND		ug/m³	1.1	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
74-83-9	Bromomethane	ND		ug/m³	0.41	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.33	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.17	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.49	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-00-3	Chloroethane	ND		ug/m³	0.28	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
67-66-3	Chloroform	ND		ug/m³	0.52	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
74-87-3	**Chloromethane**	**1.6**	TO-CCV	ug/m³	0.22	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.21	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
110-82-7	**Cyclohexane**	**0.36**		ug/m³	0.36	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.90	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR

Sample Information

Client Sample ID: IAS-2 20250905 **York Sample ID:** 25I0278-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:32 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.52	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
141-78-6	* Ethyl acetate	ND		ug/m³	19	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**2.5**		ug/m³	0.46	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
67-63-0	**Isopropanol**	**6.0**		ug/m³	1.6	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.43	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-09-2	Methylene chloride	ND		ug/m³	2.2	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
91-20-3	* ^Naphthalene	ND		ug/m³	5.5	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications:			
142-82-5	n-Heptane	ND		ug/m³	0.43	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
110-54-3	**n-Hexane**	**0.71**		ug/m³	0.37	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
95-47-6	**o-Xylene**	**4.6**		ug/m³	0.46	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**11**		ug/m³	0.92	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.52	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications:			
100-42-5	**Styrene**	**1.5**		ug/m³	0.45	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.72	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.62	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications:			
108-88-3	**Toluene**	**11**		ug/m³	0.40	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.59	1.056	EPA TO-15	09/06/2025 16:11	09/09/2025 05:38	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			

Sample Information

Client Sample ID: IAS-2 20250905 **York Sample ID:** 25I0278-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:32 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	0.37	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.46	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.056	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 05:38	YR

Sample Information

Client Sample ID: IAS-3 20250905 **York Sample ID:** 25I0278-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:33 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.67	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.53	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.67	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.75	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.53	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.19	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	36	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.82**		ug/m³	0.48	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.75	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.39	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.45	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR

Sample Information

Client Sample ID: IAS-3 20250905 **York Sample ID:** 25I0278-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:33 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.68	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.48	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.65	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.45	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.59	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.8	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.23	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
78-93-3	2-Butanone	ND		ug/m³	14	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.80	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.5	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
108-10-1	**4-Methyl-2-pentanone**	**0.88**		ug/m³	0.40	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
67-64-1	**Acetone**	**26**		ug/m³	12	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
107-13-1	Acrylonitrile	ND		ug/m³	11	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
71-43-2	**Benzene**	**0.65**		ug/m³	0.31	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
100-44-7	Benzyl chloride	ND		ug/m³	13	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.65	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-25-2	Bromoform	ND		ug/m³	1.0	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
74-83-9	Bromomethane	ND		ug/m³	0.38	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.30	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.15	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.45	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-00-3	Chloroethane	ND		ug/m³	0.26	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR

Sample Information

Client Sample ID: IAS-3 20250905 **York Sample ID:** 25I0278-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:33 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.48	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
74-87-3	**Chloromethane**	**1.8**	TO-CCV	ug/m³	0.20	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.19	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.44	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
110-82-7	**Cyclohexane**	**0.44**		ug/m³	0.34	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.83	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.48	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
141-78-6	* Ethyl acetate	ND		ug/m³	18	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
100-41-4	**Ethyl Benzene**	**1.7**		ug/m³	0.42	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.0	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
67-63-0	**Isopropanol**	**28**		ug/m³	1.4	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.40	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.35	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
75-09-2	Methylene chloride	ND		ug/m³	2.0	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
91-20-3	* ^Naphthalene	ND		ug/m³	5.1	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
142-82-5	n-Heptane	ND		ug/m³	0.40	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
110-54-3	**n-Hexane**	**2.1**		ug/m³	0.34	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
95-47-6	**o-Xylene**	**3.0**		ug/m³	0.42	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
179601-23-1	**p- & m- Xylenes**	**7.2**		ug/m³	0.85	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.48	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
115-07-1	* Propylene	ND		ug/m³	0.17	0.976	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 06:25	YR
100-42-5	Styrene	ND		ug/m³	0.42	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR
127-18-4	**Tetrachloroethylene**	**2.4**		ug/m³	0.66	0.976	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 06:25	YR

Sample Information

Client Sample ID: IAS-3 20250905 **York Sample ID:** 25I0278-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Indoor Ambient Air	September 5, 2025 8:33 am	09/05/2025

Q A Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* **Tetrahydrofuran**	**1.4**		ug/m³	0.58	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:			
108-88-3	**Toluene**	**9.6**		ug/m³	0.37	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.39	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.44	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.0**		ug/m³	0.55	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
108-05-4	Vinyl acetate	ND		ug/m³	0.34	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
593-60-2	Vinyl bromide	ND		ug/m³	0.43	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.976	EPA TO-15	09/06/2025 16:11	09/09/2025 06:25	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: OAS-2 20250905 **York Sample ID:** 25I0278-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Outdoor Ambient Air	September 5, 2025 8:35 am	09/05/2025

Q A Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	9.6	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	7.6	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	9.6	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	11	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.6	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.6	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	2.8	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:	NJDEP-NY037,NYSDOH-NY12058		

Sample Information

Client Sample ID: OAS-2 20250905 **York Sample ID:** 25I0278-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Outdoor Ambient Air	September 5, 2025 8:35 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	520	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	6.8	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	11	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.6	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	9.7	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	6.8	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
106-99-0	1,3-Butadiene	ND		ug/m³	9.2	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.4	13.924	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 07:12	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
123-91-1	1,4-Dioxane	ND		ug/m³	25	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	3.3	13.924	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 07:12	YR
78-93-3	2-Butanone	ND		ug/m³	210	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
591-78-6	* 2-Hexanone	ND		ug/m³	11	13.924	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 07:12	YR
107-05-1	3-Chloropropene	ND		ug/m³	22	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
108-10-1	**4-Methyl-2-pentanone**	**13**		ug/m³	5.7	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
67-64-1	**Acetone**	**190**		ug/m³	170	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
107-13-1	Acrylonitrile	ND		ug/m³	150	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
71-43-2	Benzene	ND		ug/m³	4.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
100-44-7	Benzyl chloride	ND		ug/m³	180	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
75-27-4	Bromodichloromethane	ND		ug/m³	9.3	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR

Sample Information

Client Sample ID: OAS-2 20250905 **York Sample ID:** 25I0278-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Outdoor Ambient Air	September 5, 2025 8:35 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/m³	14	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
74-83-9	Bromomethane	ND		ug/m³	5.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
75-15-0	Carbon disulfide	ND		ug/m³	4.3	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	2.2	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
108-90-7	Chlorobenzene	ND		ug/m³	6.4	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
75-00-3	Chloroethane	ND		ug/m³	3.7	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
67-66-3	Chloroform	ND		ug/m³	6.8	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
74-87-3	Chloromethane	ND		ug/m³	2.9	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	2.8	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.3	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
110-82-7	Cyclohexane	ND		ug/m³	4.8	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
124-48-1	Dibromochloromethane	ND		ug/m³	12	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	6.9	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
141-78-6	* Ethyl acetate	ND		ug/m³	250	13.924	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 07:12	YR
100-41-4	Ethyl Benzene	ND		ug/m³	6.0	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	15	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
67-63-0	**Isopropanol**	**210**		ug/m³	21	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	5.7	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.0	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
75-09-2	Methylene chloride	ND		ug/m³	29	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
91-20-3	* ^Naphthalene	ND		ug/m³	73	13.924	EPA TO-15 Certifications:	09/06/2025 16:11	09/09/2025 07:12	YR
142-82-5	n-Heptane	ND		ug/m³	5.7	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR
110-54-3	**n-Hexane**	**11**		ug/m³	4.9	13.924	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/06/2025 16:11	09/09/2025 07:12	YR

Sample Information

Client Sample ID: OAS-2 20250905 **York Sample ID:** 25I0278-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0278	170 Freeman Street Brooklyn, NY	Outdoor Ambient Air	September 5, 2025 8:35 am	09/05/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**6.7**		ug/m³	6.0	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
179601-23-1	**p- & m- Xylenes**	**21**		ug/m³	12	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
622-96-8	* p-Ethyltoluene	ND		ug/m³	6.8	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.4	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	5.9	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
127-18-4	Tetrachloroethylene	ND		ug/m³	9.4	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
109-99-9	*** Tetrahydrofuran**	**47**		ug/m³	8.2	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications:			
108-88-3	**Toluene**	**12**		ug/m³	5.2	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.5	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.3	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
79-01-6	Trichloroethylene	ND		ug/m³	1.9	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	7.8	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
108-05-4	Vinyl acetate	ND		ug/m³	4.9	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
593-60-2	Vinyl bromide	ND		ug/m³	6.1	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			
75-01-4	Vinyl Chloride	ND		ug/m³	1.8	13.924	EPA TO-15	09/06/2025 16:11	09/09/2025 07:12	YR
							Certifications: NJDEP-NY037,NYSDOH-NY12058			

Analytical Batch Summary

Batch ID: BI50450 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25I0278-01	IAS-1 20250905	09/06/25
25I0278-02	IAS-2 20250905	09/06/25
25I0278-03	IAS-3 20250905	09/06/25
25I0278-04	OAS-2 20250905	09/06/25
BI50450-BLK1	Blank	09/07/25
BI50450-BS1	LCS	09/07/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
Blank (BI50450-BLK1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	1.8	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	13	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
Blank (BI50450-BLK1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	5.2	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BI50450-BS1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
1,1,1,2-Tetrachloroethane	8.94		ppbv	10.0		89.4	70-130				
1,1,1-Trichloroethane	7.34		"	10.0		73.4	70-130				
1,1,2,2-Tetrachloroethane	9.74		"	10.0		97.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.59		"	10.0		75.9	70-130				
1,1,2-Trichloroethane	9.81		"	10.0		98.1	70-130				
1,1-Dichloroethane	8.08		"	10.0		80.8	70-130				
1,1-Dichloroethylene	7.97		"	10.0		79.7	70-130				
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70-130				
1,2,4-Trimethylbenzene	9.07		"	10.0		90.7	70-130				
1,2-Dibromoethane	9.72		"	10.0		97.2	70-130				
1,2-Dichlorobenzene	9.34		"	10.0		93.4	70-130				
1,2-Dichloroethane	7.51		"	10.0		75.1	70-130				
1,2-Dichloropropane	10.8		"	10.0		108	70-130				
1,2-Dichlorotetrafluoroethane	9.21		"	10.0		92.1	70-130				
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	70-130				
1,3-Butadiene	9.03		"	10.0		90.3	70-130				
1,3-Dichlorobenzene	9.58		"	10.0		95.8	70-130				
1,3-Dichloropropane	10.1		"	10.0		101	70-130				
1,4-Dichlorobenzene	9.83		"	10.0		98.3	70-130				
1,4-Dioxane	10.1		"	10.0		101	70-130				
2,2,4-Trimethylpentane	9.38		"	10.0		93.8	70-130				
2-Butanone	8.93		"	10.0		89.3	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	9.41		"	10.0		94.1	70-130				
4-Methyl-2-pentanone	11.0		"	10.0		110	70-130				
Acetone	7.92		"	10.0		79.2	70-130				
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	8.13		"	10.0		81.3	70-130				
Benzyl chloride	9.57		"	10.0		95.7	70-130				
Bromodichloromethane	9.48		"	10.0		94.8	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
LCS (BI50450-BS1)											
Prepared: 09/07/2025 Analyzed: 09/08/2025											
Bromoform	8.57		ppbv	10.0		85.7	70-130				
Bromomethane	7.77		"	10.0		77.7	70-130				
Carbon disulfide	7.86		"	10.0		78.6	70-130				
Carbon tetrachloride	7.36		"	10.0		73.6	70-130				
Chlorobenzene	9.02		"	10.0		90.2	70-130				
Chloroethane	8.68		"	10.0		86.8	70-130				
Chloroform	7.61		"	10.0		76.1	70-130				
Chloromethane	12.4		"	10.0		124	70-130				
cis-1,2-Dichloroethylene	7.83		"	10.0		78.3	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	8.88		"	10.0		88.8	70-130				
Dibromochloromethane	9.30		"	10.0		93.0	70-130				
Dichlorodifluoromethane	7.52		"	10.0		75.2	70-130				
Ethyl acetate	8.61		"	10.0		86.1	70-130				
Ethyl Benzene	9.06		"	10.0		90.6	70-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	70-130				
Isopropanol	8.93		"	10.0		89.3	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	7.92		"	10.0		79.2	70-130				
Methylene chloride	8.88		"	10.0		88.8	70-130				
Naphthalene	9.55		"	10.0		95.5	70-130				
n-Heptane	9.30		"	10.0		93.0	70-130				
n-Hexane	8.88		"	10.0		88.8	70-130				
o-Xylene	9.21		"	10.0		92.1	70-130				
p- & m- Xylenes	18.1		"	20.0		90.6	70-130				
p-Ethyltoluene	9.46		"	10.0		94.6	70-130				
Propylene	9.74		"	10.0		97.4	70-130				
Styrene	9.71		"	10.0		97.1	70-130				
Tetrachloroethylene	8.87		"	10.0		88.7	70-130				
Tetrahydrofuran	9.11		"	10.0		91.1	70-130				
Toluene	9.46		"	10.0		94.6	70-130				
trans-1,2-Dichloroethylene	8.20		"	10.0		82.0	70-130				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	70-130				
Trichloroethylene	9.37		"	10.0		93.7	70-130				
Trichlorofluoromethane (Freon 11)	7.23		"	10.0		72.3	70-130				
Vinyl acetate	9.80		"	10.0		98.0	70-130				
Vinyl bromide	7.91		"	10.0		79.1	70-130				
Vinyl Chloride	9.41		"	10.0		94.1	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Canister OAS-02 (20414) was accidentally shut down by worker on site after start up, received with less than typical volume per client request, analysis was completed-GFD

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 251027S

Page 1 of ___

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: HydroTech Environmental Engineering	Company: SAME	Company: SAME	230051	RUSH - Next Day
Address: 231 W 29th Street New York, NY	Address:	Address:	YOUR Project Name: 170 Freeman Street Brooklyn, NY	RUSH - Two Day
Phone.: 631 241 7165	Phone.:	Phone.:		RUSH - Three Day
Contact: Paul Math	Contact:	Contact:		RUSH - Four Day
E-mail: pmath@hydrotechenvironmental.com	E-mail:	E-mail:	YOUR PO#: 53198	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Donavan Edwards
Samples Collected by: (print your name above and sign below)

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other:
CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP
Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch X Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
IAS-1 20250905	9/5 8:34	AI	-30	-14	16695	17191	EPA TO-15
IAS-2 20250905	8:32	AI	-29	-9	23998	19382	
IAS-3 20250905	~~8:33~~ 8:13	AI	-26	-7	28505	21032	
OAS-2 20250905	8:35	AO	-30	-28	20414 ~~48313~~		

Comments: Canister OAS-2 (20414) was accidentally shut down by worker on site after start up.

Detection Limits Required
≤ 1 ug/m³ X Routine Survey ___ NYSDEC V1 Limits ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Donavan Edwards	9/5/25 8:44		9/5/25 8:44		9/5/25 1620
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
9/5/25 1620			9/5/25 1630		
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 09/09/2025
Client Project ID: 170 Freeman Street Brooklyn, NY
York Project (SDG) No.: 25I0279

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/09/2025
Client Project ID: 170 Freeman Street Brooklyn, NY
York Project (SDG) No.: 25I0279

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 04, 2025 and listed below. The project was identified as your project: **170 Freeman Street Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25I0279-01	SV-1 20250904	Soil Vapor	09/04/2025	09/04/2025

General Notes for York Project (SDG) No.: 25I0279

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 09/09/2025

Sample Information

Client Sample ID: SV-1 20250904 **York Sample ID:** 25I0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0279	170 Freeman Street Brooklyn, NY	Soil Vapor	September 4, 2025 3:00 pm	09/04/2025

Q A Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.95	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.95	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.70	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.35	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E	ug/m³	65	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
95-63-6	**1,2,4-Trimethylbenzene**	**0.94**		ug/m³	0.86	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.70	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.80	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.86	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.80	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
123-91-1	1,4-Dioxane	ND		ug/m³	3.1	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
540-84-1	* ^2,2,4-Trimethylpentane	ND		ug/m³	0.41	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
78-93-3	2-Butanone	ND		ug/m³	26	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR

Sample Information

Client Sample ID: SV-1 20250904 **York Sample ID:** 25I0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0279	170 Freeman Street Brooklyn, NY	Soil Vapor	September 4, 2025 3:00 pm	09/04/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.7	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
108-10-1	**4-Methyl-2-pentanone**	**0.78**		ug/m³	0.71	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
67-64-1	**Acetone**	**160**		ug/m³	21	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
107-13-1	**Acrylonitrile**	**57**		ug/m³	19	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
71-43-2	**Benzene**	**1.2**		ug/m³	0.56	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
100-44-7	Benzyl chloride	ND		ug/m³	23	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-25-2	Bromoform	ND		ug/m³	1.8	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
74-83-9	Bromomethane	ND		ug/m³	0.68	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.54	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.27	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.80	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-00-3	Chloroethane	ND		ug/m³	0.46	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
67-66-3	Chloroform	ND		ug/m³	0.85	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
74-87-3	**Chloromethane**	**2.4**	TO-CCV	ug/m³	0.36	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.35	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.79	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
110-82-7	Cyclohexane	ND		ug/m³	0.60	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.86	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
141-78-6	* Ethyl acetate	ND		ug/m³	31	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.76	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR

Sample Information

Client Sample ID: SV-1 20250904 **York Sample ID:** 25I0279-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0279	170 Freeman Street Brooklyn, NY	Soil Vapor	September 4, 2025 3:00 pm	09/04/2025

Q_A_Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
67-63-0	**Isopropanol**	**12**		ug/m³	2.6	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.71	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-09-2	Methylene chloride	ND		ug/m³	3.6	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
91-20-3	* ^Naphthalene	ND		ug/m³	9.1	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
142-82-5	n-Heptane	ND		ug/m³	0.71	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.61	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
95-47-6	**o-Xylene**	**2.5**		ug/m³	0.76	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
179601-23-1	**p- & m- Xylenes**	**6.1**		ug/m³	1.5	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.86	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
115-07-1	*** Propylene**	**2.5**		ug/m³	0.30	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
100-42-5	Styrene	ND		ug/m³	0.74	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
109-99-9	*** Tetrahydrofuran**	**4.6**		ug/m³	1.0	1.741	EPA TO-15 Certifications:	09/04/2025 16:11	09/09/2025 09:34	YR
108-88-3	**Toluene**	**3.1**		ug/m³	0.66	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.69	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.79	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.23	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.98**		ug/m³	0.98	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
108-05-4	Vinyl acetate	ND		ug/m³	0.61	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.76	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.22	1.741	EPA TO-15 Certifications: NJDEP-NY037,NYSDOH-NY12058	09/04/2025 16:11	09/09/2025 09:34	YR

Sample Information

Client Sample ID: **SV-1 20250904** **York Sample ID:** **25I0279-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I0279	170 Freeman Street Brooklyn, NY	Soil Vapor	September 4, 2025 3:00 pm	09/04/2025

Analytical Batch Summary

Batch ID: BI50450 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
25I0279-01	SV-1 20250904	09/04/25
BI50450-BLK1	Blank	09/07/25
BI50450-BS1	LCS	09/07/25

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
Blank (BI50450-BLK1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.20	"								
1,2,4-Trichlorobenzene	ND	37	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	1.8	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	15	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	12	"								
Acrylonitrile	ND	11	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	13	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.20	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	18	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
Blank (BI50450-BLK1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	5.2	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BI50450-BS1)											Prepared: 09/07/2025 Analyzed: 09/08/2025
1,1,1,2-Tetrachloroethane	8.94		ppbv	10.0		89.4	70-130				
1,1,1-Trichloroethane	7.34		"	10.0		73.4	70-130				
1,1,2,2-Tetrachloroethane	9.74		"	10.0		97.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.59		"	10.0		75.9	70-130				
1,1,2-Trichloroethane	9.81		"	10.0		98.1	70-130				
1,1-Dichloroethane	8.08		"	10.0		80.8	70-130				
1,1-Dichloroethylene	7.97		"	10.0		79.7	70-130				
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70-130				
1,2,4-Trimethylbenzene	9.07		"	10.0		90.7	70-130				
1,2-Dibromoethane	9.72		"	10.0		97.2	70-130				
1,2-Dichlorobenzene	9.34		"	10.0		93.4	70-130				
1,2-Dichloroethane	7.51		"	10.0		75.1	70-130				
1,2-Dichloropropane	10.8		"	10.0		108	70-130				
1,2-Dichlorotetrafluoroethane	9.21		"	10.0		92.1	70-130				
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	70-130				
1,3-Butadiene	9.03		"	10.0		90.3	70-130				
1,3-Dichlorobenzene	9.58		"	10.0		95.8	70-130				
1,3-Dichloropropane	10.1		"	10.0		101	70-130				
1,4-Dichlorobenzene	9.83		"	10.0		98.3	70-130				
1,4-Dioxane	10.1		"	10.0		101	70-130				
2,2,4-Trimethylpentane	9.38		"	10.0		93.8	70-130				
2-Butanone	8.93		"	10.0		89.3	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	9.41		"	10.0		94.1	70-130				
4-Methyl-2-pentanone	11.0		"	10.0		110	70-130				
Acetone	7.92		"	10.0		79.2	70-130				
Acrylonitrile	10.4		"	10.0		104	70-130				
Benzene	8.13		"	10.0		81.3	70-130				
Benzyl chloride	9.57		"	10.0		95.7	70-130				
Bromodichloromethane	9.48		"	10.0		94.8	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI50450 - EPA TO15 PREP											
LCS (BI50450-BS1)											
Prepared: 09/07/2025 Analyzed: 09/08/2025											
Bromoform	8.57		ppbv	10.0		85.7	70-130				
Bromomethane	7.77		"	10.0		77.7	70-130				
Carbon disulfide	7.86		"	10.0		78.6	70-130				
Carbon tetrachloride	7.36		"	10.0		73.6	70-130				
Chlorobenzene	9.02		"	10.0		90.2	70-130				
Chloroethane	8.68		"	10.0		86.8	70-130				
Chloroform	7.61		"	10.0		76.1	70-130				
Chloromethane	12.4		"	10.0		124	70-130				
cis-1,2-Dichloroethylene	7.83		"	10.0		78.3	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	8.88		"	10.0		88.8	70-130				
Dibromochloromethane	9.30		"	10.0		93.0	70-130				
Dichlorodifluoromethane	7.52		"	10.0		75.2	70-130				
Ethyl acetate	8.61		"	10.0		86.1	70-130				
Ethyl Benzene	9.06		"	10.0		90.6	70-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	70-130				
Isopropanol	8.93		"	10.0		89.3	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	7.92		"	10.0		79.2	70-130				
Methylene chloride	8.88		"	10.0		88.8	70-130				
Naphthalene	9.55		"	10.0		95.5	70-130				
n-Heptane	9.30		"	10.0		93.0	70-130				
n-Hexane	8.88		"	10.0		88.8	70-130				
o-Xylene	9.21		"	10.0		92.1	70-130				
p- & m- Xylenes	18.1		"	20.0		90.6	70-130				
p-Ethyltoluene	9.46		"	10.0		94.6	70-130				
Propylene	9.74		"	10.0		97.4	70-130				
Styrene	9.71		"	10.0		97.1	70-130				
Tetrachloroethylene	8.87		"	10.0		88.7	70-130				
Tetrahydrofuran	9.11		"	10.0		91.1	70-130				
Toluene	9.46		"	10.0		94.6	70-130				
trans-1,2-Dichloroethylene	8.20		"	10.0		82.0	70-130				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	70-130				
Trichloroethylene	9.37		"	10.0		93.7	70-130				
Trichlorofluoromethane (Freon 11)	7.23		"	10.0		72.3	70-130				
Vinyl acetate	9.80		"	10.0		98.0	70-130				
Vinyl bromide	7.91		"	10.0		79.1	70-130				
Vinyl Chloride	9.41		"	10.0		94.1	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 25I0279

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: HydroTech Environmental Engineers, PC	Company:	Company:	230051	RUSH - Next Day
Address: 231 W 29th St New York, NY	Address: SAME	Address: SAME	YOUR Project Name: 170 Freeman Street Brooklyn, NY	RUSH - Two Day
Phone.: 631 241 7105	Phone.:	Phone.:		RUSH - Three Day
Contact: Paul Mottl	Contact:	Contact:		RUSH - Four Day
E-mail: pmottl@hydrotechenvironmental.com	E-mail:	E-mail:	YOUR PO#: 53198	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Donavan Edwards

Donavan Edwards

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch X Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-17 20250904	9/4/25 3:00 PM	AS	-30	-6	50308	20445	EPA - TO-15

Comments:

Detection Limits Required
≤ 1 ug/m³ X NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Donavan Edwards	9/4/25 15:24	[signature] 15:24	9/4/25 15:24	[signature]	9/4/25 19:05
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[signature] 9/4/25	19:05

APPENDIX 7

DIGITAL COPY OF SMP

APPENDIX 8

QUARTELRY GROUNDWATER STATUS

REPORTS WITH DATA USABILITY REPORTS

HydroTech Environmental
ENGINEERING AND GEOLOGY, DPC
231 West 29th Street, Suite 1104
New York, New York 10001 USA
Tel: (631) 462-5866
Email: Info@hydrotechenvironmental.com
WWW.HYDROTECHENVIRONMENTAL.COM
USA – Middle East – North Africa

July 18, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Attn.: Ms. Wendi Zheng, Project Manager

Re: Quarterly Status Report # 4 – March 2025 to May 2025
1036 Manhattan Ave BCP Site
NYSDEC BCP Site #C224315
170 Freeman Street, Brooklyn New York (the "Site")

Dear Ms. Zheng:

This letter is intended to serve as a Quarterly Status Report (QSR), covering the period of March 2025 to May 2025, for the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site **#C241159** (the Site). The scope of work presented in this document was based upon an NYSDEC-approved Interim Remedial Measures Work Plan (IRM WP) dated February 18, 2022. This scope of work involved a fourth quarterly monitoring (fourth sampling event after in-situ treatment) and sampling event of six off-site groundwater monitoring wells following the implementation of interim remedial action, which involved *in-situ* groundwater bioremedial treatment in addition to dewatering activities and source removal to below the saturated zone.

Site Description and Background

The Site is located at 170 Freeman Street a.k.a 1032 and 1036-1038 Manhattan Avenue in Greenpoint section of Brooklyn, New York. Interim Site remediation was performed in accordance with a February 2022 IRM WP and involved *in-situ* bioremedial injections of 3_D Microemulsion Factory Emulsified (3DME) mixed with additive identified as Bio-Dechlor Innoculum Plus (BDI Plus) to treat chlorinated volatile organic compounds (CVOCs) in groundwater in February 2024, dewatering activities between February and June 2024 and source removal to below the saturated zone between May 2022 and May 2024. These CVOCs consisted of tetrachloroethene (PCE) and its derivative compounds including cis-1,2-dichloroethylene (cis-1,2-DCE) methylene chloride and trans-1,2-dichloroethylene (trans-1,2-DCE) and vinyl chloride (VC).

Six (6) off-Site groundwater monitoring wells designated as MW-9, MW-10, MW-11R, MW-13, MW-14, and MW-15 have been sampled on a quarterly basis since August 2024 as

part of a post-IRM groundwater monitoring program. Monitoring well MW-13, which was situated on the sidewalk across the northern boundary of the Site on Freeman Street, was found destroyed during the previous sampling event due to trenching for utility layout beneath the sidewalk. This well was re-placed on May 8, 2025. This replacement well is designated with a suffix "R" (MW-13R). **Figure 1** provides a Site map showing the location of the monitoring wells around the Site.

Monitoring well MW-13R was installed using a 4-inch diameter hollow stem auger. It was constructed of 2-inch diameter PVC set to the depth of 20 feet. This well was shifted 2 feet to the south from its former location due to conflict with the utility layout. Soil cuttings generated during well installation were contained in a 55-gallon drum. MW-13R was developed approximately 24 hours after installation in accordance with NYCRR Part 360-2.11(a)(8) to obtain a groundwater sample that represents natural undisturbed aquifer. All purge water was contained in a second 55-gallon drum that also contained purge water from the previous sampling event. This well was also surveyed to determine its casing elevation. Since the monitoring well was constructed in a water-bearing zone, well development was performed via over pumping method utilizing Waterra Pump. **Appendix 1** provides MW-13R well construction log. **Appendix 2** provides MW-13R well development log. The two drums generated from the well installation and development and wells sampling were disposed of properly as non-hazardous waste at JG Environmental, LLC located at 776 Flory Mill Road Lancaster, PA pursuant to two individual contained-in determination letters issued by NYSDEC and dated June 23, 2025. **Appendix 3** provides a copy of the drums disposal manifest. **Appendix 4** provides a copy of the NYSDEC issued contained-in determination letters.

Groundwater Monitoring and Sampling

The fourth quarterly groundwater sampling was performed on May 23, 2025. Groundwater samples were collected from the six monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14, and MW-15. Monitoring well sampling was performed utilizing a low flow pump fitted with dedicated polyethylene tubing. The monitoring wells were purged and sampled in accordance with the USEPA's Region 1 Low-Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells (EQASOP #GW4, Rev. September 19, 2017) and following the stabilization of water quality indicator parameters by running the pumped groundwater through a Horiba U-52 Multiparameter Meter.

Each well was pumped with a Peristaltic DC Pump by Geotech Geopump at a rate between 100 – 200 ml/min till the turbidity of the groundwater reached desired level (less than 50 NTU) and stabilized. The static depth to water and turbidity were recorded every 5 minutes after the pumping started. In addition, other aquifer parameters including pH, dissolved Oxygen, redox potential or ORP, temperature and specific conductivity were also recorded throughout the process. The depth to water was measured by Interface Probe. The groundwater samples were analyzed for VOCs via

EPA Method 8260 in accordance with a Quality Assurance Project Plan (QAPP) presented in Appendix 4 of the February 2022 IRM WP. Groundwater monitoring/sampling/purge logs generated during this sampling event are included in **Appendix 5**.

Table 1 provides the results of groundwater monitoring performed over time until recently. As **Table 1** indicates, no free product was detected in any of the gauged monitoring wells. The depth to water during this reporting period ranged between 8.81 feet in MW-10 to 10.62 feet in MW-14. The depth to water during May 2025 showed an increase by 0.29 feet in MW-14 from the February 2025 monitoring event, and a decrease by an average of 0.75 feet in the remaining wells.

Utilizing the casing elevations and the depth to water measured in each well during this reporting period in May 2025, the groundwater elevations in the wells were then determined, which therefore, allowed for the determination of the groundwater flow direction. The groundwater flow direction in the vicinity of the Site was determined to be toward the north and northwest, consistent with the historic flow directions reported overtime. **Figures 2** provides the contour map of groundwater flow direction during May 2025.

Collected groundwater samples from the monitoring wells were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. The samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory and analyzed for VOCs in accordance with EPA Method 8260. **Appendix 6** provides a copy of the laboratory report.

All purge water and equipment decontamination liquid were contained in the existing 55-gallon drum that also contains the purge water from the development of MW-13R. As noted above, this drum was disposed as non-hazardous waste.

Groundwater Results

Table 2 provides the VOC results for the recent groundwater sampling from the six off-site monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15. **Table 2** provides a comparison of results to NYSDEC 6NYCRR Part 703.5 Class groundwater Quality Standards (GQS).

As T**able 2** indicates, CVOCs were detected in three off-site monitoring well MW-9, MW-11R and MW-13R at concentrations exceeding their respective Method Detection Limits. Individual CVOCs concentrations exceeding their respective QGS were only detected in MW-9 and included cis-1,2-DCE (412 µg/L) and trans-1,2-DCE (25.6 µg/L). No other VOCs were detected in any monitoring wells at concentration exceeding their GQS. **Figure 3** provided a map of CVOCs in groundwater pre- & post-remedial injections.

A Data Usability Summary Report (DUSR) was prepared for the recent analytical results for the groundwater samples by an independent data reviewer, Dr. Amine Dahmani. The results of the DUSR for analytical results indicate that the data is acceptable with minor issues in data summaries. All data is considered usable. A copy of the DUSR is provided in **Appendix 7**.

This groundwater data was also submitted electronically to the NYSDEC through NYSDEC EQuIS Automated Data Loading (ADL) system using the NYSDEC standardized Electronic Data Deliverable (EDD) format.

Evaluation of Groundwater Quality

The groundwater flow direction beneath the Site is toward the north and northwest, which is consistent with historic flow directions. No free product was detected in any of the monitoring wells.

CVOC concentrations in exceedance of GQS continue to be present in the immediate northwestern downgradient vicinity of the Site as evidenced by the analytical results of MW-9. No CVOC in exceedance of GQS were detected across the northern and western vicinities of the Site as evidenced by the analytical results of MW-10, MW-11R, MW-13R, MW-14 and MW-15.

A summary of CVOCs concentrations detected in off-site groundwater over time is provided in **Table 3**. As **Table 3** indicates, two CVOCs cis-1,2-DCE (412 µg/L) and trans-1,2-DCE (25.6 µg/L) continue to be detected above GQS in monitoring well MW-9. The recent concentrations of these two compounds in MW-9 continue to represent a steady increase from the last sampling event. The increasing trend of these two compounds in MW-9 since the February 2024 injections was discussed previously as a rebound that is most likely caused by fluctuations in water table elevations due to dewatering activities at the adjacent MTA tunnel. **Figure 3** provides the trends of the cis-1,2-DCE and trans-1,2-DCE concentrations detected in the most impacted monitoring well MW-9 with respect to changes in the depth to water.

The findings in the remaining monitoring wells indicated improved groundwater quality as evidenced by the trace detections of one individual CVOC cis-1,2-DCE below GQS in MW-10 and MW-11R and the continuous undetectable concentrations of CVOCs in MW-14 and MW-15.

Conclusions

Based upon the information and data presented above, we can conclude that:

- Groundwater flow direction beneath the Site is toward the north and northwest, which is consistent with historic flow directions measurements.

- No free product was detected in the monitoring wells.
- Groundwater sampling results continue to indicate a steady increase of two individual CVOCs detected in MW-9 at in the concentrations that exceed GQS.
- Results from the remaining monitoring wells indicate CVOCs concentrations have become asymptotic at an acceptable level for an extended period in MW-10, MW-11R, MW-13R, MW-14, and MW-15.

Recommendation

- The quarterly sampling of the wells will continue. The next sampling is scheduled for August 2025.
- Discontinue sampling of MW-10, MW-14, and MW-15, and abandon them per NYSDEC CP-43. Should you have any questions, please feel free to contact our office at your convenience.

Very Truly Yours,
Hydro Tech Environmental Engineering and Geology, DPC

Paul I. Matli, PhD, PG
Senior Project Manager

cc: J. O'Connell - NYSDEC w/ Enc. (by email)
G. Duke, Esq. – Fox Rothschild LLP. w/ Enc. (by email)
M. Kesten - BK Corners LLC w/ Enc. (by email)
D. Greenberg - 170 Freeman LLC (by email)
T. Khouri, PE – HydroTech (by email)
Hydro Tech files 210010 & 230051 w/ Enc.

Attachments

Figures

1- Map of Groundwater Sampling Locations
2- Groundwater Flow Diagram
3- Map of CVOCs in Groundwater Pre- and Post- Remedial Injections
4- Trends of Cis-1,2-DCE and Trans-1,2-DCE Concentrations in MW-9 With Depth To Water (A, B)

Tables

1- Groundwater Monitoring and Surveying Data Over Time
2- Groundwater Samples Analytical Results
3- Groundwater Samples Analytical Results for CVOCs Overtime

Appendices

1- MW-13R Well Construction Log
2- MW-13R Well Development Log
3- Drums Disposal Manifest
4- NYSDEC Contained-In Determination Letter
5- Groundwater Monitoring/Sampling/Purge Logs
6- Laboratory Report
7- DUSR

EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client. No warranty, expressed or implied, is made whatsoever in connection with this report.

In preparing this report, HydroTech Environmental Engineering and Geology, DPC. may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to HydroTech Environmental Engineering and Geology, DPC. at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, HydroTech Environmental Engineering and Geology, DPC. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to non-hazardous or hazardous materials, in that portion of the subject property or structure. In addition, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

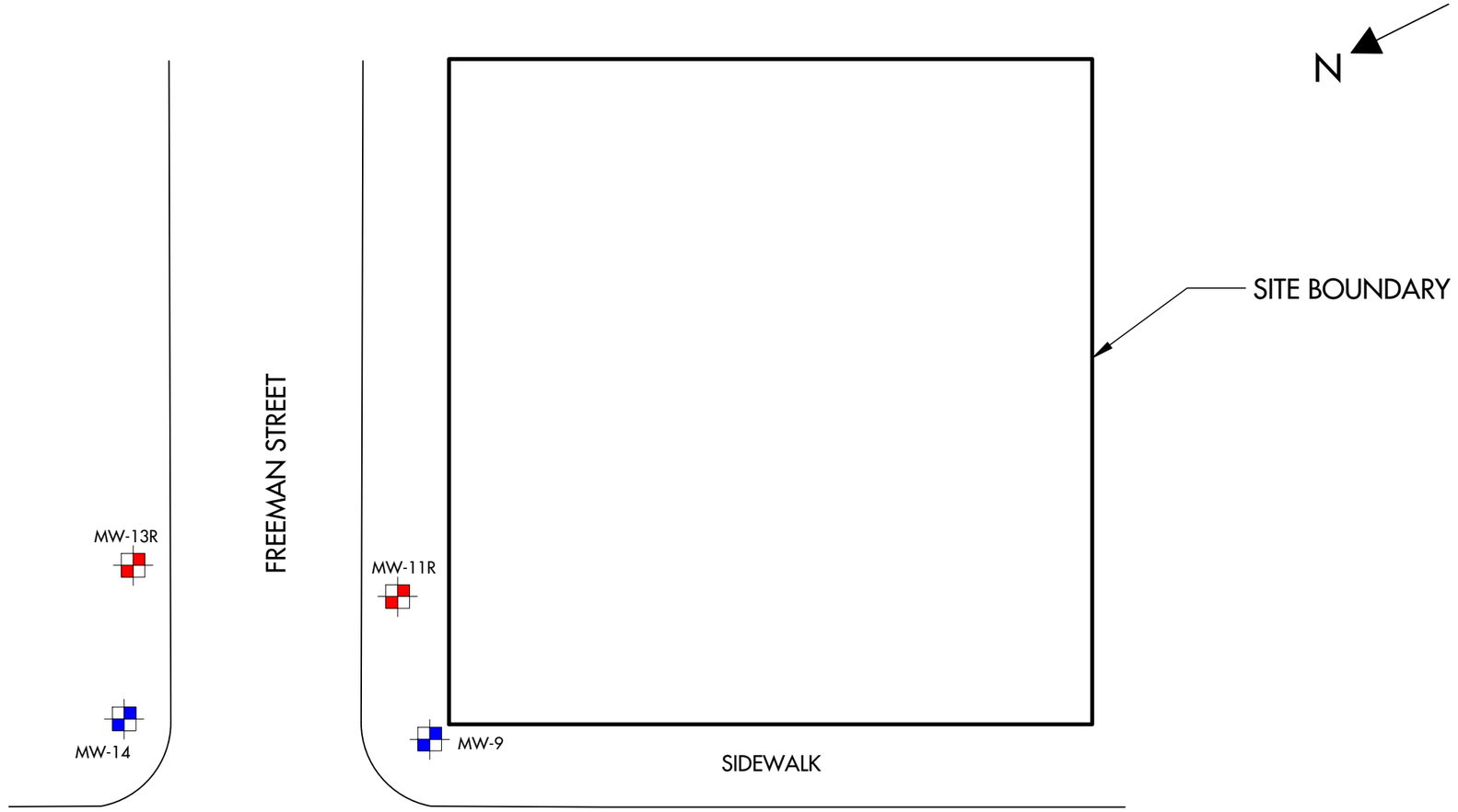
Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory conducted such analyses, HydroTech has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data has been reviewed, and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly. If in the opinion of the Client/User

or any third-party claiming reliance on this report, that HydroTech was negligent or in breach of contract, such aforementioned parties shall have 6 months from the date of HydroTech' s visit to make a claim.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold HydroTech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

FIGURES



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HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

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TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

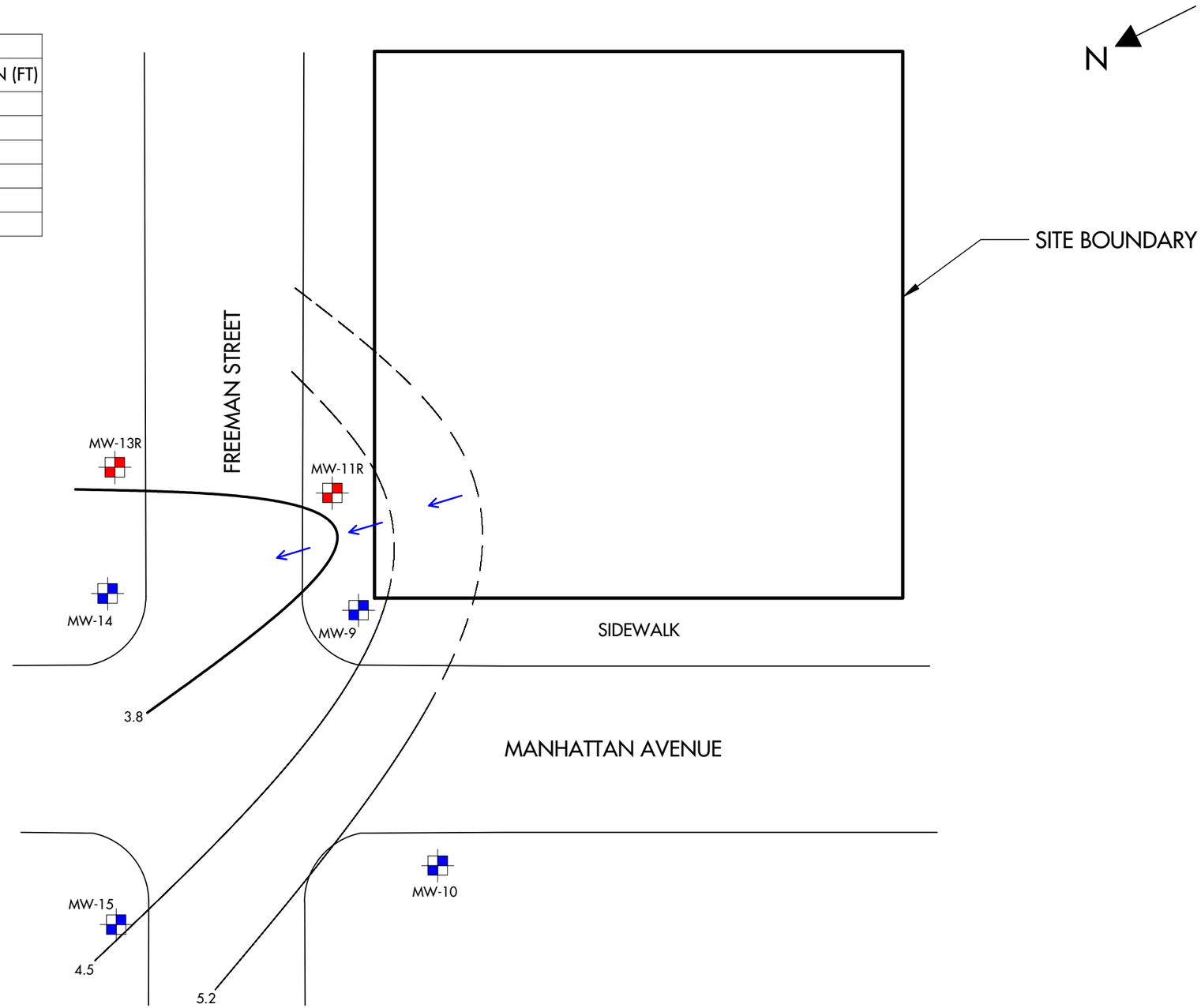
170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 1: MAP OF GROUNDWATER SAMPLING LOCATIONS

PROJECT NO.	DATE
230051	03/24/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

C.I = 0.7	
WELL ID	WATER TABLE ELEVATION (FT)
MW-9	4.64
MW-10	5.80
MW-11R	3.91
MW-13R	3.91
MW-14	3.78
MW-15	4.57



LEGEND:
- SITE BOUNDARY
- MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
- REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)
- GROUNDWATER FLOW DIRECTION

0 — 40

APPROXIMATE SCALE IN FEET

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PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 2: GROUNDWATER FLOW DIAGRAM

PROJECT NO.	DATE
230051	07/10/2025
DRAWN BY: A.S.	REVIEWED BY: P.M.
SCALE (11X17): AS NOTED	APPROVED BY: P.M.

Sample ID	MW-13										MW-13R		GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N		0.327	U	5
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N		0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N		0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N		0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N		0.249	U	5
VC	0.47	J	5.36		0.469	U	1.07		N		0.469	U	2

Sample ID	MW-14												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.469	U	2

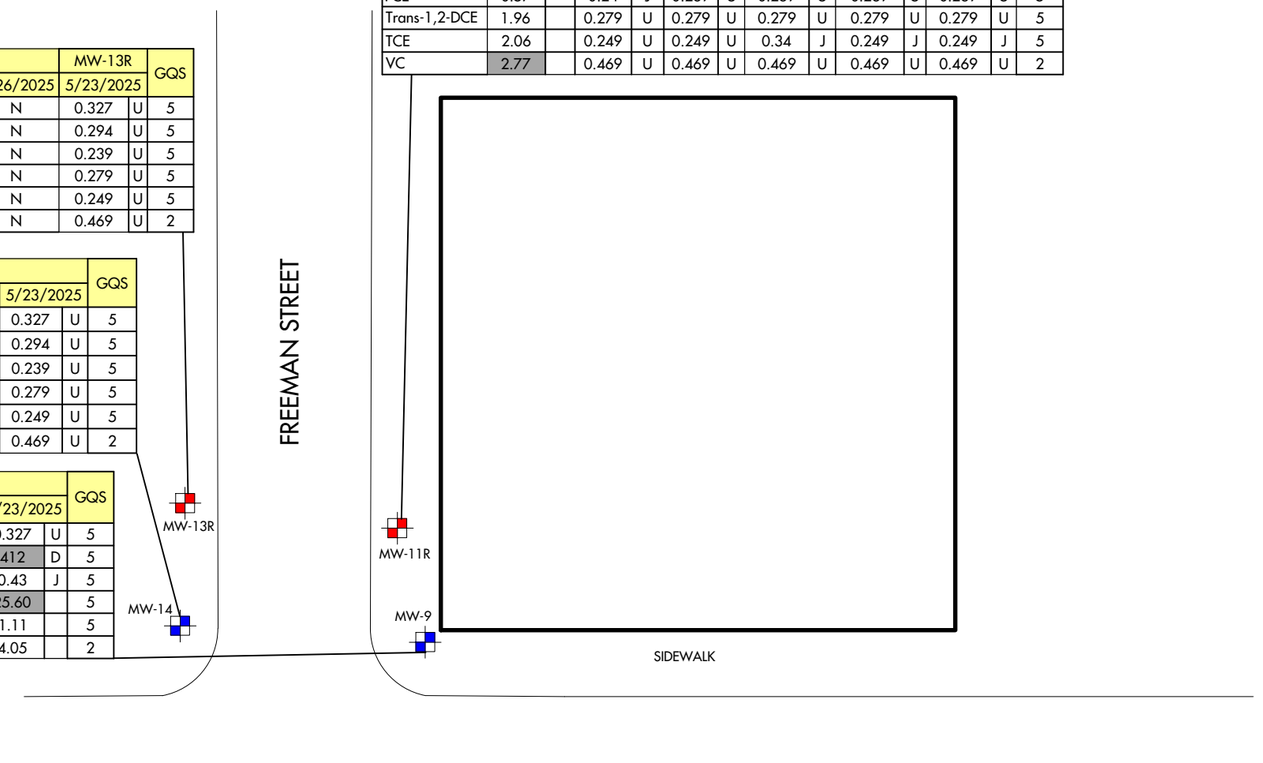
Sample ID	MW-9												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	D	412	D	5
PCE	0.21	J	1.58		0.77		0.76		0.31	J	0.43	J	5
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50		25.60		5
TCE	0.76		0.97		0.69		1.02		1.03		1.11		5
VC	23.40		0.58		2.75		5.73		2.16		4.05		2

Sample ID	MW-11		MW-11R										GQS
Sampling Date	9/20/2021		1/15/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.25	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	124	D	0.580		0.294	U	12.70		3.80		4.06		5
PCE	0.57		0.24	J	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	1.96		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	2.06		0.249	U	0.249	U	0.34	J	0.249	J	0.249	J	5
VC	2.77		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-15												GQS
Sampling Date	9/21/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-10												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	1.43		0.294	U	166	D	0.294	U	0.294	U	1.24		5
PCE	0.200	U	0.239	U	0.74		0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	6.03		0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.67		0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	2.68		0.469	U	0.469	U	0.469	U	2





LEGEND:

- MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
- REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)
- SHADED CONCENTRATIONS EXCEEDS GQS

NOTES:
ALL CONCENTRATIONS ARE REPORTED IN µg/L
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED
E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES
~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
9/20/2021 = SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED DURING THE REMEDIAL INVESTIGATION
1/2/2024 = SHALLOW DEPTH BASELINE GROUNDWATER SAMPLING PERFORMED PRIOR TO REMEDIAL INJECTIONS
8/6/2024 TO 2/26/25 =SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED FOLLOWING REMEDIAL INVESTIGATION
PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
1.1-DCE = 1,1-DICHLOROETHYLENE
CIS-1,2-DCE = CIS-1,2-DICHLOROETHYLENE
TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHYLENE
VC = VINYL CHLORIDE

NA = NOT SAMPLED DUE TO LIMITED ACCESS
GQS = NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA
N = NOT SAMPLED - MONITORING WELL DESTROYED

0 20 40
APPROXIMATE SCALE IN FEET

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PROJECT NAME AND ADDRESS

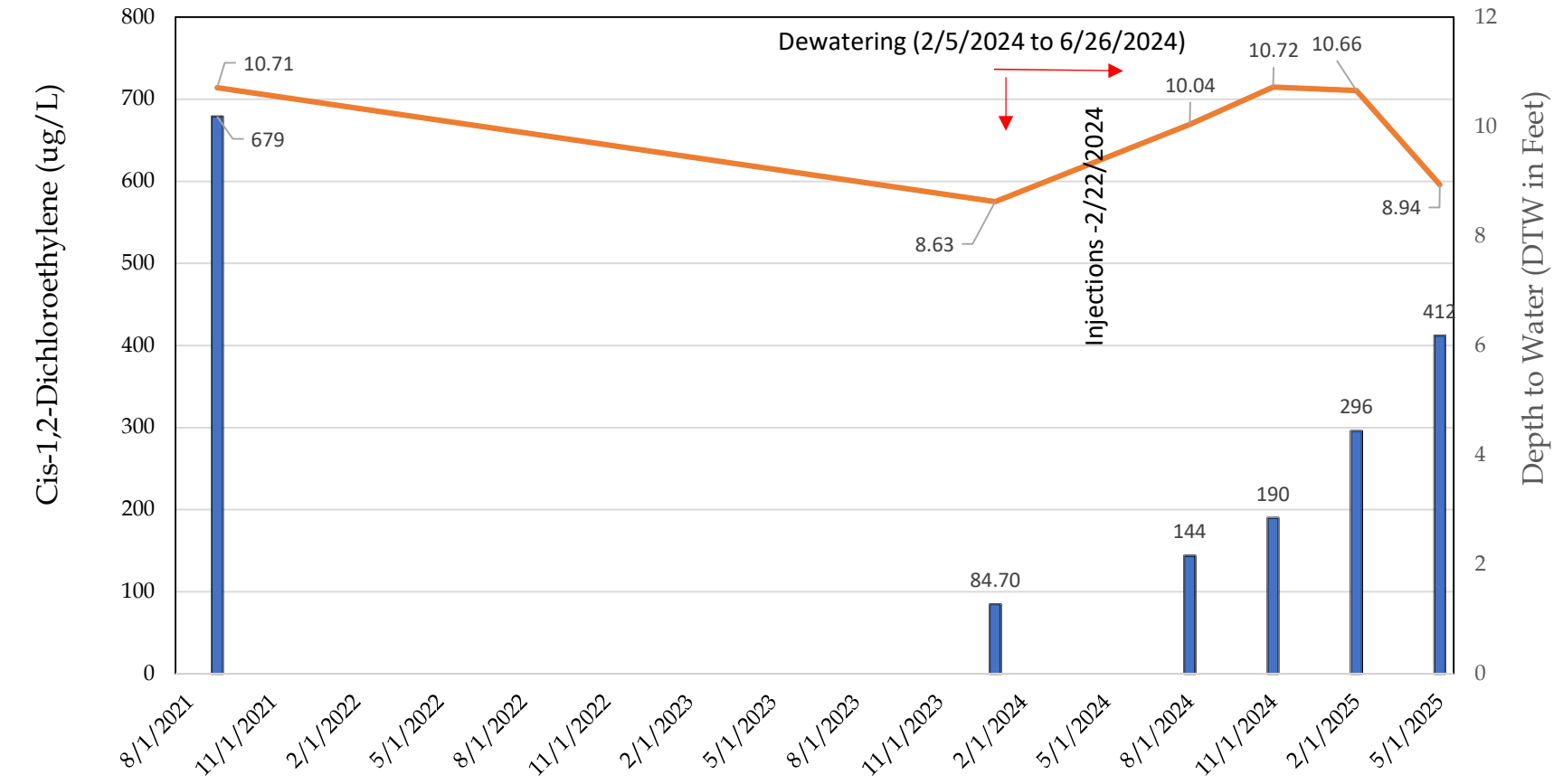
170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 3: MAP OF CVOCs IN GROUNDWATER PRE- AND POST-REMEDIAL INJECTIONS

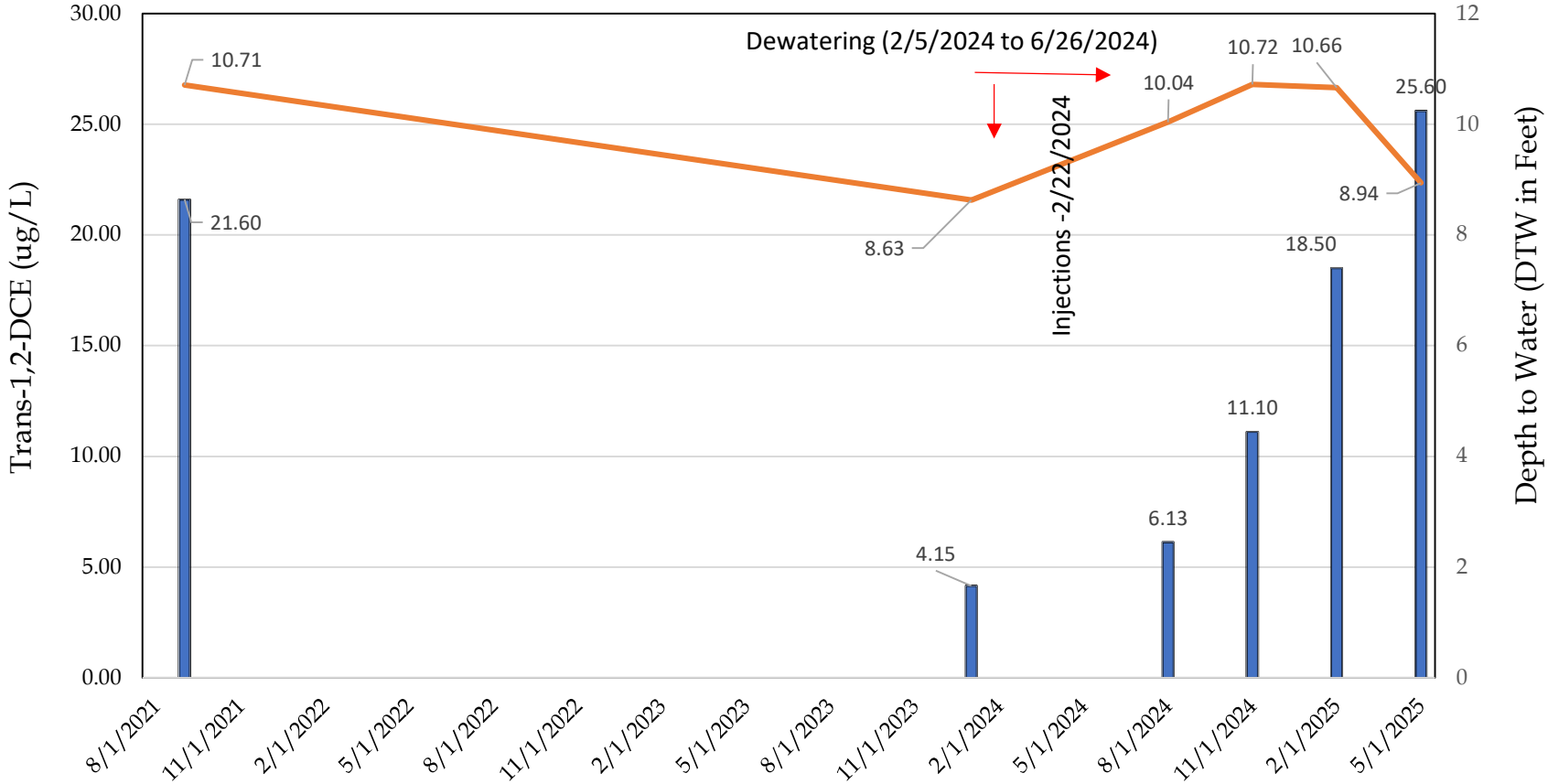
PROJECT NO.	DATE
230051	06/04/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Figure 4A - Trends of Cis-1,2-DCE Concentrations in MW-9 with DTW



	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025
Cis-1,2-DCE	679	84.70	144	190	296	412
DTW	10.71	8.63	10.04	10.72	10.66	8.94

Figure 4B - Trends of Trans-1,2-DCE Concentratioons in MW-9 with DTW



	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025
Trans-1,2-DCE	21.60	4.15	6.13	11.10	18.50	25.60
DTW	10.71	8.63	10.04	10.72	10.66	8.94

TABLES

Table 1
Groundwater Monitoring and Surveying Data Over Time
170 Freeman Street, Brooklyn, NY

Well ID	Well Diameter	Casing Elevation [1]	DTW					Water Table Elevation				
			Jan-24	Aug-24	Nov-24	Feb-25	May-25	Jan-24	Aug-24	Nov-24	Feb-25	May-25
MW-9	2	13.58	8.63	10.04	10.72	10.66	8.94	4.95	3.54	2.86	2.92	4.64
MW-10	2	14.61	9.29	9.95	10.25	9.26	8.81	5.32	4.66	4.36	5.35	5.80
MW-11R	2	13.72	8.25	10.5	10.33	10.13	9.81	5.47	3.22	3.39	3.59	3.91
MW-13R	2	13.33	9.63	10.52	10.54	N	9.42	4.23	3.34	3.32	N	3.91
MW-14	2	14.3	10.37	10.97	11.05	10.23	10.52	3.93	3.33	3.25	4.07	3.78
MW-15	2	14.27	9.83	10.40	10.32	10.22	9.70	4.44	3.87	3.95	4.05	4.57

All values reported in feet
DTW…Depth to Water
[1] *…Water table elvation obtained from casing elevation from NAVD-88 by Perfect Point Land Surveying*
NM… Not measured - Monitorig well desrtoyed

Table
Groundwater Samples Analytical Results - May 2025
170 Freeman Street, Brooklyn, NY

Sample ID	MW-9		MW-10		MW-11R		MW-13R		MW-14		MW-15		Field Blank		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	5/23/2025		5/23/2025		5/23/2025		5/23/2025		5/23/2025		5/23/2025		5/23/2025		5/23/2025		
Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		DI Water		DI Water		
Units	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Compound	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L
1,1,1,2-Tetrachloroethane	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	5
1,1,1-Trichloroethane	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	5
1,1,2,2-Tetrachloroethane	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freo	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	5
1,1,2-Trichloroethane	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	1
1,1-Dichloroethane	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	5
1,1-Dichloroethylene	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
1,2,3-Trichlorobenzene	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	5
1,2,3-Trichloropropane	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.04
1,2,4-Trichlorobenzene	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	5
1,2,4-Trimethylbenzene	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	5
1,2-Dibromo-3-chloropropane	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.04
1,2-Dibromoethane	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.0006
1,2-Dichlorobenzene	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	3
1,2-Dichloroethane	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.6
1,2-Dichloropropane	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	1
1,3,5-Trimethylbenzene	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	5
1,3-Dichlorobenzene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	3
1,4-Dichlorobenzene	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	3
1,4-Dioxane	35.30	U	35.30	U	35.30	U	35.30	U	35.30	U	35.30	U	35.30	U	35.30	U	0.35
2-Butanone	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	50
2-Hexanone	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	50
4-Methyl-2-pentanone	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	~
Acetone	1.340	U	1.340	U	1.340	U	**1.47**	J	1.340	U	1.340	U	1.340	U	**1.95**	J	50
Acrolein	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	~
Acrylonitrile	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	~
Benzene	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	1
Bromochloromethane	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	5
Bromodichloromethane	0.245	U	**1.26**		0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	50
Bromoform	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	50
Bromomethane	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	5
Carbon disulfide	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	~
Carbon tetrachloride	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	5
Chlorobenzene	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	5
Chloroethane	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	5
Chloroform	0.243	U	14.700		0.243	U	**0.36**	J	0.243	U	0.243	U	0.243	U	0.243	U	7
Chloromethane	**3.01**		**2.67**		**3.72**		0.372	U	0.372	U	**4.49**		**15.20**		0.372	U	5
cis-1,2-Dichloroethylene	**412**	D	**1.24**		**4.06**		0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
cis-1,3-Dichloropropylene	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.4
Cyclohexane	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	~
Dibromochloromethane	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	50
Dibromomethane	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	~
Dichlorodifluoromethane	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	5
Ethyl Benzene	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	5
Hexachlorobutadiene	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.5
Isopropylbenzene	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	5
Methyl acetate	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	~
Methyl tert-butyl ether (MTBE)	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	10
Methylcyclohexane	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	~
Methylene chloride	**0.40**	J	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	**0.51**	J	**10.70**		5
n-Butylbenzene	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	5
n-Propylbenzene	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	5
o-Xylene	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	5
p- & m- Xylenes	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	~
p-Isopropyltoluene	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	5
sec-Butylbenzene	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	5
Styrene	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	5
tert-Butyl alcohol (TBA)	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	~
tert-Butylbenzene	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	5
Tetrachloroethylene	**0.43**	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Toluene	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	5
trans-1,2-Dichloroethylene	**25.60**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
trans-1,3-Dichloropropylene	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.4
trans-1,4-dichloro-2-butene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	~
Trichloroethylene	**1.11**		0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
Trichlorofluoromethane	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	5
Vinyl Chloride	**4.05**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2
Xylenes, Total	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	5

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
GQS=NYSDEC TOGS Standards and Guidance Values - GA
Shaded concentration exceeds GQS

Table 3
Groundwater Samples Analytical Results for CVOCs Overtime
170 Freeman Street, Brooklyn,NY

Sample ID	MW-9												MW-10												MW-11		MW-11R								GQS
Sampling Date	9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		9/20/2021		1/15/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**	
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	**0.25**	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	**679**	D	**84.70**	D	**144**	E	**190**	D	**296**	D	**412**	D	**1.43**		0.294	U	**166**	D	0.294	U	0.294	U	**1.24**		**124**	D	0.580		0.294	U	**12.70**		**3.80**		**4.06**		5
PCE	**0.21**	J	**1.58**		**0.77**		**0.76**		**0.31**	J	**0.43**	J	0.200	U	0.239	U	**0.74**		0.239	U	0.239	U	0.239	U	**0.57**		**0.24**	J	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	**21.60**		**4.15**		**6.13**		**11.10**		**18.50**		**25.60**		0.200	U	0.279	U	**6.03**		0.279	U	0.279	U	0.279	U	**1.96**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	**0.76**		**0.97**		**0.69**		**1.02**		**1.03**		**1.11**		0.200	U	0.249	U	**0.67**		0.249	U	0.249	U	0.249	U	**2.06**		0.249	U	0.249	U	**0.34**	J	0.249	U	0.249	U	5
VC	**23.40**		**0.58**		**2.75**		**5.73**		**2.16**		**4.05**		0.200	U	0.469	U	**2.68**		0.469	U	0.469	U	0.469	U	**2.77**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

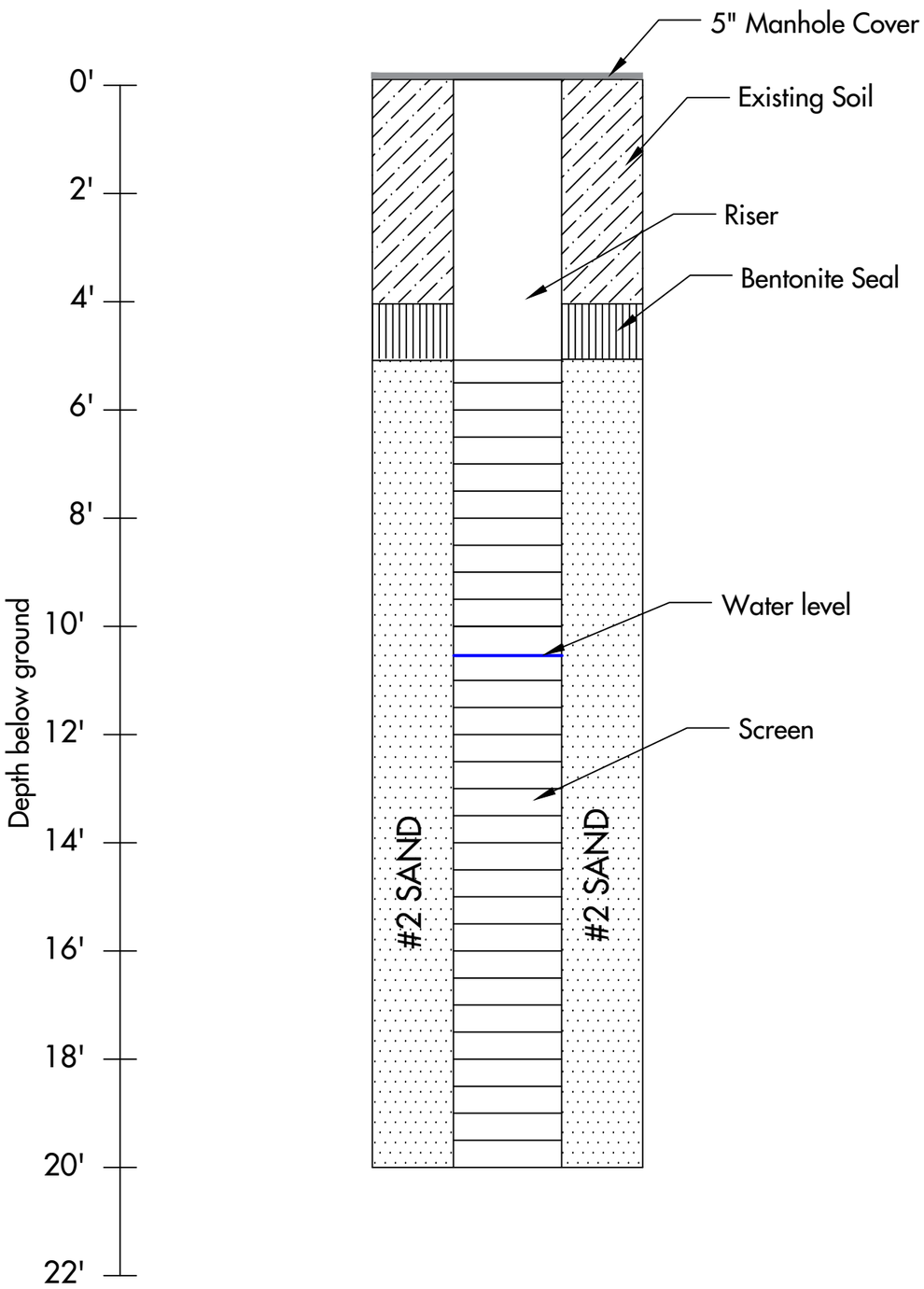
Sample ID	MW-13								MW-13R		MW-14														MW-15										GQS
Sampling Date	9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**	**5/23/2025**			9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		9/21/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**	
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N	0.327	U		0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	**0.28**	J	**1.35**		**6.99**		**0.48**	J	N	0.294	U		**0.27**	J	0.294	U	**0.32**	J	0.294	U	0.294	U	0.294	U	0.294	U	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N	0.239	U		0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N	0.279	U		0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N	0.249	U		0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	**0.47**	J	**5.36**		0.469	U	**1.07**		N	0.469	U		0.200	U	0.469	U	**0.57**		0.469	U	0.469	U	0.469	U	0.469	U	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

NOTES:
All Concentrations are reported in ug/L
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte
Shaded concentration exceeds GQS
9/20/2021 = Shallow depth goundwater sampling performed during the remedial investigation
1/2/2024 = Shallow depth baseline groundwater sampling performed prior to remedial injections
8/6/2024 to to 5/23/2025 = Shallow depth goundwater sampling performed following remedial investigation
8/6/2024=Bold dates represent sampling post groundwater remediation
PCE=Tetrachloroethylene
TCE=Trichloroethylene
1.1-DCE=1,1-Dichloroethylene
Cis-1,2-DCE=cis-1,2-Dichloroethylene
Trans-1,2-DCE=Trans-1,2-Dichloroethylene
VC=Vinyl Chloride
NA= Not sampled due to limited access
GQS=NYSDEC TOGS Standards and Guidance Values - GA
N=Not sampled - Monitorinbg well destroyed

APPENDICES

APPENDIX 1
MW-13R WELL CONSTRUCTION LOG

MW-13R



Date 05/08/2025

0.00' - 4.00' - Existing Soil

4.00' - 5.00' - Bentonite Seal

5.00' - 20.00' - #2 Sand

0.00' - 5.00' - Riser

5.00' - 20.00' - Screen

10.54'- Water level

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

MW-13R CONSTRUCTION LOG

PROJECT NO.	DATE
210010	06/02/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

APPENDIX 2
MW-13R WELL DEVELOPMENT LOG

HydroTech Environmental
ENGINEERING AND GEOLOGY, DPC

Monitoring Well Sampling Log Sheet

Job No.:	**230051**	**Date:**	**5/9/2025**	**Well No.:**	**MW-13R**			
Well Depth:		**Screen Length:**		**Well Diameter:**		**Casing Type:**		
Sampling Device:	**Horiba**	**Tubing Type:**	**HDPE**	**Initial DTP:**		**Initial DTW:**	**10.90**	
Well Volume:		**Total Volume Purged:**						
		Sampling Personnel:	**Donavan Edwards and Matthew Sanchez**					

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	**DTP (ft)**	**DTW (ft)**	**pH**	**Temp (ºF)**	**Cond. (mS/Cm)**	**Dis.O2 (mg/L)**	**Turb.(NTU)**	**ORP (mV)**	**Purged water volume (gal)**
9:10		10.90	9.44	17.35	3.49	10.53	1000	-111	4
9:40		11.32	9.07	17.95	3.97	11.21	1000	-44	4
10:10		11.45	8.70	18.56	4.46	11.89	981	-36	4
10:40		11.77	8.33	19.16	4.94	12.57	879	-28	4
11:10		11.81	8.35	19.78	5.09	10.94	857	-22	4
11:40		11.90	8.24	19.84	3.82	10.54	623	-24	4
12:10		11.89	8.14	19.9	2.55	10.14	213	-27	4
12:40		11.97	8.03	19.95	1.27	9.74	29	-30	4
13:10		11.88	7.92	20.01	0.003	9.34	53	-33	4
13:40		11.95	7.96	19.23	4.17	9.43	47	-17	4

Notes

* Dissolved Oxygen (10% for values exceeding 5mg/L or considered stablized if less than 5mg/L)

** Turbitdity (10% for values exceeding 5 NTU or considered stablized if less than 5 NTU)

APPENDIX 3
DRUMS DISPOSAL MANIFEST

8. GLASS SHOWER DOOR IN TYPE "A" BATHROOMS TO BE REMOVABLE UPON REQUEST OF TENANT WITHIN 10 DAYS

AT TOILETS

151 W 42nd Street, 24th Fl
New York, NY 10036
(212) 233-2737

ESCC
Electronic Safety and Comm
Corporation
36 East 31st Street, 3rd Floor
16

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N / A
2. Page 1 of: 1
3. Emergency Response Phone: (267) 406-0083
4. Waste Tracking Number: 46215

GENERATOR

5. Generator's Name and Mailing Address
170 Freeman LLC
228 Park Avenue South. PMB 53318
New York NY 10003
Att: Joshua Greenberg
Generator's Phone: 917 853-4721

Generator's Site Address (if different than mailing address)
Manhattan Ave BCP Site (BCP Site #C224315)
170 Freeman Street
Brooklyn NY 11222

6. Transporter 1 Company Name: Innovative Recycling Technologies, Inc.
U.S. EPA ID Number: NYR000134940

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

8. Designated Facility Name and Site Address
JG Environmental, LLC
776 Flory Mill Road
Lancaster PA 17601
Facility's Phone: 717 945-5080
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Soil Cuttings Non-DOT Regulated Material	1	DM	600	P	
2.	Non Hazardous Purge Water Non-DOT Regulated Material	1	DM	225	P	
3.						
4.						

13. Special Handling Instructions and Additional Information
9.1)2402-115-SOL
9.2)2402-116-SOL

14. 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.

Generator's/Offeror's Printed/Typed Name: X Roman Zagorodnyuk
Signature: X R. Zagorodnyuk
Month 7 Day 18 Year 25

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Victor Domingos
Signature
Month 7 Day 18 Year 25
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

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APPENDIX 4
NYSDEC CONTAINED-IN DETERMINATION LETTER

Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

June 23, 2025

Sent via e-mail, no hard copy to follow

Paul I. Matli
Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001

RE: Contained-In Waste Determination- Soil
10326 Manhattan Ave BCP Site, Brooklyn, NY
Site #: C224315

Dear Paul Matli:

The New York State Department of Environmental Conservation (DEC) has reviewed your letter dated June 17, 2025, requesting a "Contained-In" determination for one (1) 55-gallon drum of soil generated during monitoring wells sampling and development and decontamination.

Concentrations (Laboratory Sample IDs: 25E1598-01) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals were all less than their current NYSDEC soil "contained-in" action levels and Land Disposal Restriction concentrations.

No hazardous constituents (Laboratory Sample IDs: 25E1598-01) exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level. Therefore, one (1) 55-gallon drum of soil does not have to be managed as hazardous waste and can be transported to JG Environmental, LLC in Lancaster, PA for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to email us at Contained-InRequest@dec.ny.gov.

Sincerely,



Alison Egbon
Professional Engineer 1 (Environmental)
Hazardous Waste Compliance and Technical Support Section

ec: W. Zheng, DEC

Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Acting Commissioner

June 23, 2025

Sent via e-mail, no hard copy to follow

Paul I. Matli
Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001

RE: Contained-In Waste Determination- Spi
10326 Manhattan Ave BCP Site, Brooklyn, NY
Site #: C224315

Dear Paul Matli:

The New York State Department of Environmental Conservation (DEC) has reviewed your letter dated June 17, 2025, requesting a “Contained-In” determination for one (1) 55-gallon drum of water generated during monitoring wells sampling and development and decontamination.

Concentrations (Laboratory Sample IDs: 25E1598-02) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals were all less than their current DEC soil “contained-in” action levels and Land Disposal Restriction concentrations.

No hazardous constituents (Laboratory Sample IDs: 25E1598-02) exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level. Therefore, one (1) 55-gallon drum of water does not have to be managed as hazardous waste and can be transported to JG Environmental, LLC in Lancaster, PA for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to email us at Contained-InRequest@dec.ny.gov.

Sincerely,



Alison Egbon
Professional Engineer 1 (Environmental)
Hazardous Waste Compliance and Technical Support Section

ec: W. Zheng, DEC

APPENDIX 5
GROUNDWATER MONITORING/SAMPLING/PURGE LOGS

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-9 Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 8.94

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amodya, Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
12:00		8.94	9.49	14.01	1.14	11.05	385	116	500 ml
12:05		9.67	9.07	14.41	4.61	1.38	206	88	500 ml
12:10		10.11	8.25	14.45	4.67	1.12	221	59	500ml
12:15		10.20	8.33	14.48	4.71	0.981	202	51	600 ml
12:20		10.25	8.36	14.51	4.73	0.950	197	45	500 ml

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-10 Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 8.81

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amodya, Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
11:20		8.81	10.58	13.78	0.305	7.22	78.5	14	600 ml
11:25		9.23	10.46	13.72	0.231	2.97	15.7	62	600 ml
11:30		9.61	10.59	13.73	0.219	2.89	9.9	74	700 ml
11:35		9.89	10.30	13.76	0.182	2.81	9.1	91	600ml
11:40		10.21	10.21	13.83	0.159	2.69	8.5	110	

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-11R Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 9.81

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amodya, Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation		±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F/C)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
~~12:35~~		~~4.83~~	~~10.05~~	~~14.64~~				~~72~~	
12:35		9.81	8.16	14.50	7.09	2.34	20	31	700 ml
12:40		10.1	8.27	14.27	7.14	1.49	14.1	57	700 ml
12:45		10.33	8.34	14.26	7.18	1.32	15.2	68	600 ml
12:50		10.42	8.38	14.14	7.21	1.28	15.9	73	700 ml
12:55		10.55	8.39	14.08	7.24	1.27	16.4	81	650 ml

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-13R Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 9.42

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amodya, Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation		±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F/C)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
9:10		9.42	8.26	13.88	3.46	3.60	83.3	-34	850 ml
9:15		9.9	~~8.24~~ 8.24	13.96	3.30	1.20	36.2	-37	850 ml
9:20		10.05	8.22	14.26	3.26	0.98	20.4	-41	700 ml
9:25		10.18	8.20	14.39	3.25	0.95	23.8	-44	800 ml
9:30		10.29	8.21	14.52	3.25	0.90	25.7	-47	800 ml
~~9:35~~ 9:35		10.36	8.20	14.69	3.26	0.84	27.9	-48	700 ml

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-14 Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 10.52

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amoolya , Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F) C	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
9:50		10.52	7.91	15.12	6.75	7.65	61.7	-5	300 ml
9:55		10.43	8.09	15.22	6.71	2.92	54.2	32	750 ml
10:00		10.45	8.12	15.42	6.25	3.02	33.6	58	700 ml
10:05		10.68	8.13	15.72	6.23	2.98	24	83	500 ml
10:10		10.72	8.13	15.78	8.24	3.01	2.28	96	

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: MW-15 Date: 5/23/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 9.70

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Amoolya , Donavan

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F) C	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
10:40		9.70	8.20	15.46	2.05	2.52	62	30	700 ml
10:45		10.23	8.24	15.30	2.11	0.98	55	4	600 ml
10:50		10.47	8.30	15.55	2.02	1.45	51	15	600 ml
10:55		10.61	8.33	15.81	1.95	1.70	45	20	300 ml
11:00		10.81	8.34	15.69	1.93	1.75	42	32	700 ml

Notes
- Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

APPENDIX 6
LABORATORY REPORT

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 06/03/2025
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
York Project (SDG) No.: 25E1596

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE | STRATFORD, CT 06615 | 132-02 89th AVENUE | RICHMOND HILL, NY 11418
www.YORKLAB.com | (203) 325-1371 | FAX (203) 357-0166 | ClientServices@yorklab.com

Report Date: 06/03/2025
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
York Project (SDG) No.: 25E1596

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2025 and listed below. The project was identified as your project: **230051 - 170 Freeman Street, Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E1596-01	MW-9 (20252305)	Ground Water	05/23/2025	05/23/2025
25E1596-02	MW-10 (20252305)	Ground Water	05/23/2025	05/23/2025
25E1596-03	MW-11R	Ground Water	05/23/2025	05/23/2025
25E1596-04	MW-13R	Ground Water	05/23/2025	05/23/2025
25E1596-05	MW-14	Ground Water	05/23/2025	05/23/2025
25E1596-06	MW-15	Ground Water	05/23/2025	05/23/2025
25E1596-07	FB	Water	05/23/2025	05/23/2025
25E1596-08	TB	Water	05/23/2025	05/23/2025

General Notes for York Project (SDG) No.: 25E1596

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 06/03/2025

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:28	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:28	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:28	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:28	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:28	AC

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	**Chloromethane**	**3.01**		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
156-59-2	**cis-1,2-Dichloroethylene**	**412**		ug/L	2.94	5.00	10	EPA 8260D Certifications:	06/02/2025 11:00	06/03/2025 17:58	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:28	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	**Methylene chloride**	**0.400**	J	ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.430**	J	ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	**trans-1,2-Dichloroethylene**	**25.6**		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.11**		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**4.05**		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.6 %*			*79-122*						

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:52	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:52	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:52	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.26**		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**14.7**		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	**Chloromethane**	**2.67**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-59-2	**cis-1,2-Dichloroethylene**	**1.24**		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:52	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	*79-122*

Sample Information

Client Sample ID: MW-11R **York Sample ID:** 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 21:17	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 21:17	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 21:17	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 21:17	AC

Sample Information

Client Sample ID: MW-11R

York Sample ID: 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: MW-11R

York Sample ID: 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-87-3	**Chloromethane**	**3.72**		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	AC
156-59-2	**cis-1,2-Dichloroethylene**	**4.06**		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: MW-11R **York Sample ID:** 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:17	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.6 %*	*79-122*

Sample Information

Client Sample ID: MW-13R **York Sample ID:** 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-13R

York Sample ID: 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.47**	J	ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**0.360**	J	ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-13R **York Sample ID:** 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 21:42	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*

Sample Information

Client Sample ID: MW-13R **York Sample ID:** 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.2 %*			*79-122*						

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	AC

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:06	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:06	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.0 %*	*79-122*

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 22:31	AC

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	**Chloromethane**	**4.49**		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 22:31	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Sample Information

Client Sample ID: FB **York Sample ID:** 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Sample Information

Client Sample ID: FB **York Sample ID:** 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 20:03	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: FB **York Sample ID:** 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
74-87-3	**Chloromethane**	**15.2**		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/02/2025 20:03	AC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC

Sample Information

Client Sample ID: FB **York Sample ID:** 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
75-09-2	**Methylene chloride**	**0.510**	J	ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	06/02/2025 20:03	AC
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/02/2025 20:03	AC
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	06/02/2025 20:03	AC
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 20:03	AC
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 20:03	AC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*

Sample Information

Client Sample ID: FB **York Sample ID:** 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*			*79-122*						

Sample Information

Client Sample ID: TB **York Sample ID:** 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 19:38	AC
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 19:38	AC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/02/2025 19:38	AC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/02/2025 19:38	AC

Sample Information

Client Sample ID: TB **York Sample ID:** 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**1.95**	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: TB

York Sample ID: 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	**Methylene chloride**	**10.7**		ug/L	0.397	2.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: TB **York Sample ID:** 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	06/02/2025 12:00	06/02/2025 19:38	AC CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BF50193 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25E1596-01	MW-9 (20252305)	06/02/25
25E1596-02	MW-10 (20252305)	06/02/25
25E1596-03	MW-11R	06/02/25
25E1596-04	MW-13R	06/02/25
25E1596-05	MW-14	06/02/25
25E1596-06	MW-15	06/02/25
25E1596-07	FB	06/02/25
25E1596-08	TB	06/02/25
BF50193-BLK1	Blank	06/02/25
BF50193-BS1	LCS	06/02/25
BF50193-BSD1	LCS Dup	06/02/25
BF50193-MS1	Matrix Spike	06/02/25
BF50193-MSD1	Matrix Spike Dup	06/02/25

Batch ID: BF50204 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25E1596-01RE1	MW-9 (20252305)	06/02/25
BF50204-BLK1	Blank	06/03/25
BF50204-BS1	LCS	06/03/25
BF50204-BSD1	LCS Dup	06/03/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Blank (BF50193-BLK1)											Prepared & Analyzed: 06/02/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Blank (BF50193-BLK1)								Prepared & Analyzed: 06/02/2025			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.50*		*"*	*10.0*		*95.0*	*79-122*				
LCS (BF50193-BS1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	70-130				
1,2,3-Trichlorobenzene	9.18		"	10.0		91.8	76-130				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	76-130				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	9.46		"	10.0		94.6	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-130				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	13.6		"	10.0		136	80-131	High Bias			
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	0.00		"	210			40-160	Low Bias			
2-Butanone	9.35		"	10.0		93.5	49-152				
2-Hexanone	8.31		"	10.0		83.1	51-146				
4-Methyl-2-pentanone	6.72		"	10.0		67.2	57-145				
Acetone	8.24		"	10.0		82.4	40-150				
Acrolein	6.16		"	10.0		61.6	10-153				
Acrylonitrile	9.43		"	10.0		94.3	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS (BF50193-BS1)								Prepared & Analyzed: 06/02/2025			
Benzene	11.3		ug/L	10.0		113	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	10.6		"	10.0		106	79-128				
Bromoform	9.18		"	10.0		91.8	78-130				
Bromomethane	6.51		"	10.0		65.1	43-160				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-130				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	9.64		"	10.0		96.4	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	7.79		"	10.0		77.9	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-130				
Cyclohexane	5.17		"	10.0		51.7	70-130	Low Bias			
Dibromochloromethane	9.68		"	10.0		96.8	80-130				
Dibromomethane	9.92		"	10.0		99.2	72-134				
Dichlorodifluoromethane	5.06		"	10.0		50.6	44-144				
Ethyl Benzene	11.1		"	10.0		111	80-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	67-146				
Isopropylbenzene	11.8		"	10.0		118	76-130				
Methyl acetate	9.84		"	10.0		98.4	70-130				
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	76-130				
Methylcyclohexane	10.8		"	10.0		108	72-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	11.8		"	10.0		118	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-130				
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	11.0		"	10.0		110	70-130				
tert-Butyl alcohol (TBA)	41.6		"	50.0		83.2	25-162				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	9.41		"	10.0		94.1	82-130				
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-130				
trans-1,3-Dichloropropylene	9.97		"	10.0		99.7	78-130				
trans-1,4-dichloro-2-butene	9.68		"	10.0		96.8	63-141				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	9.28		"	10.0		92.8	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS Dup (BF50193-BSD1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82-126		1.89	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-130		8.50	20	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129		12.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.49		"	10.0		94.9	70-130		8.86	20	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		7.78	20	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		7.22	20	
1,1-Dichloroethylene	10.2		"	10.0		102	70-130		10.1	20	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-130		13.0	20	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		10.2	30	
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	76-130		6.62	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		8.83	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		5.98	20	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		9.66	20	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.576	20	
1,2-Dichloroethane	11.1		"	10.0		111	73-130		6.80	20	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		4.12	20	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131		12.9	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		5.59	20	
1,4-Dichlorobenzene	9.82		"	10.0		98.2	85-124		4.48	20	
1,4-Dioxane	0.00		"	210			40-160	Low Bias		20	
2-Butanone	12.6		"	10.0		126	49-152		29.2	20	Non-dir.
2-Hexanone	10.6		"	10.0		106	51-146		24.1	20	Non-dir.
4-Methyl-2-pentanone	8.65		"	10.0		86.5	57-145		25.1	20	Non-dir.
Acetone	10.5		"	10.0		105	40-150		23.7	20	Non-dir.
Acrolein	7.68		"	10.0		76.8	10-153		22.0	30	
Acrylonitrile	12.1		"	10.0		121	51-150		24.6	30	
Benzene	10.7		"	10.0		107	85-126		5.36	20	
Bromochloromethane	10.7		"	10.0		107	77-128		5.26	20	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.96	20	
Bromoform	10.0		"	10.0		100	78-130		8.85	20	
Bromomethane	5.80		"	10.0		58.0	43-160		11.5	20	
Carbon disulfide	9.88		"	10.0		98.8	68-146		8.43	20	
Carbon tetrachloride	9.91		"	10.0		99.1	77-130		8.04	20	
Chlorobenzene	9.75		"	10.0		97.5	88-120		7.60	20	
Chloroethane	8.61		"	10.0		86.1	65-136		11.3	20	
Chloroform	10.4		"	10.0		104	82-128		2.76	20	
Chloromethane	6.60		"	10.0		66.0	43-155		16.5	20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		4.30	20	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-130		0.596	20	
Cyclohexane	4.85		"	10.0		48.5	70-130	Low Bias	6.39	20	
Dibromochloromethane	10.4		"	10.0		104	80-130		7.08	20	
Dibromomethane	10.8		"	10.0		108	72-134		8.22	30	
Dichlorodifluoromethane	4.52		"	10.0		45.2	44-144		11.3	20	
Ethyl Benzene	9.98		"	10.0		99.8	80-130		10.5	20	
Hexachlorobutadiene	9.17		"	10.0		91.7	67-146		6.42	30	
Isopropylbenzene	10.3		"	10.0		103	76-130		13.4	20	
Methyl acetate	12.3		"	10.0		123	70-130		22.1	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-130		19.8	20	
Methylcyclohexane	9.84		"	10.0		98.4	72-130		9.49	20	
Methylene chloride	10.2		"	10.0		102	70-130		0.196	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS Dup (BF50193-BSD1)								Prepared & Analyzed: 06/02/2025			
n-Butylbenzene	10.4		ug/L	10.0		104	79-132		4.14	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		13.6	30	
o-Xylene	10.1		"	10.0		101	78-130		6.15	20	
p- & m- Xylenes	20.0		"	20.0		99.8	77-130		10.5	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		8.28	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		9.47	30	
Styrene	10.6		"	10.0		106	70-130		3.15	20	
tert-Butyl alcohol (TBA)	69.7		"	50.0		139	25-162		50.5	30	Non-dir.
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		10.7	30	
Tetrachloroethylene	8.30		"	10.0		83.0	82-130		12.5	20	
Toluene	10.0		"	10.0		100	80-127		10.4	20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-130		7.47	20	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-130		4.51	20	
trans-1,4-dichloro-2-butene	10.8		"	10.0		108	63-141		10.7	30	
Trichloroethylene	9.53		"	10.0		95.3	82-128		12.5	20	
Trichlorofluoromethane	8.37		"	10.0		83.7	67-139		10.3	20	
Vinyl Chloride	7.58		"	10.0		75.8	70-130		15.1	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Matrix Spike (BF50193-MS1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	7.89		ug/L	10.0	0.00	78.9	45-161				
1,1,1-Trichloroethane	7.62		"	10.0	0.00	76.2	70-130				
1,1,2,2-Tetrachloroethane	9.37		"	10.0	0.00	93.7	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.01		"	10.0	0.00	50.1	70-130	Low Bias			
1,1,2-Trichloroethane	9.33		"	10.0	0.00	93.3	70-130				
1,1-Dichloroethane	8.71		"	10.0	0.00	87.1	70-130				
1,1-Dichloroethylene	8.13		"	10.0	0.00	81.3	70-130				
1,2,3-Trichlorobenzene	4.81		"	10.0	0.00	48.1	70-130	Low Bias			
1,2,3-Trichloropropane	8.75		"	10.0	0.00	87.5	74-127				
1,2,4-Trichlorobenzene	3.77		"	10.0	0.00	37.7	70-130	Low Bias			
1,2,4-Trimethylbenzene	5.34		"	10.0	0.00	53.4	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	6.96		"	10.0	0.00	69.6	40-151				
1,2-Dibromoethane	8.63		"	10.0	0.00	86.3	75-125				
1,2-Dichlorobenzene	6.10		"	10.0	0.00	61.0	70-122	Low Bias			
1,2-Dichloroethane	9.63		"	10.0	0.00	96.3	70-130				
1,2-Dichloropropane	9.20		"	10.0	0.00	92.0	77-121				
1,3,5-Trimethylbenzene	5.35		"	10.0	0.00	53.5	69-126	Low Bias			
1,3-Dichlorobenzene	5.12		"	10.0	0.00	51.2	74-119	Low Bias			
1,4-Dichlorobenzene	5.08		"	10.0	0.00	50.8	70-124	Low Bias			
1,4-Dioxane	0.00		"	210	0.00		40-160	Low Bias			
2-Butanone	11.2		"	10.0	0.00	112	40-160				
2-Hexanone	9.53		"	10.0	0.00	95.3	53-133				
4-Methyl-2-pentanone	7.53		"	10.0	0.00	75.3	40-150				
Acetone	9.66		"	10.0	1.15	85.1	40-149				
Acrolein	6.47		"	10.0	0.00	64.7	10-195				
Acrylonitrile	10.7		"	10.0	0.00	107	37-165				
Benzene	8.71		"	10.0	0.00	87.1	70-130				
Bromochloromethane	9.42		"	10.0	0.00	94.2	75-121				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike (BF50193-MS1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
Bromodichloromethane	8.51		ug/L	10.0	0.00	85.1	70-129				
Bromoform	7.89		"	10.0	0.00	78.9	70-130				
Bromomethane	4.40		"	10.0	0.00	44.0	40-158				
Carbon disulfide	6.96		"	10.0	0.00	69.6	40-138				
Carbon tetrachloride	7.01		"	10.0	0.00	70.1	71-130	Low Bias			
Chlorobenzene	7.02		"	10.0	0.00	70.2	81-117	Low Bias			
Chloroethane	7.91		"	10.0	0.00	79.1	51-145				
Chloroform	8.62		"	10.0	0.00	86.2	80-124				
Chloromethane	6.07		"	10.0	0.00	60.7	40-160				
cis-1,2-Dichloroethylene	8.62		"	10.0	0.00	86.2	76-125				
cis-1,3-Dichloropropylene	7.99		"	10.0	0.00	79.9	70-130				
Cyclohexane	3.10		"	10.0	0.00	31.0	70-130	Low Bias			
Dibromochloromethane	8.49		"	10.0	0.00	84.9	71-129				
Dibromomethane	9.11		"	10.0	0.00	91.1	76-120				
Dichlorodifluoromethane	3.20		"	10.0	0.00	32.0	40-147	Low Bias			
Ethyl Benzene	6.42		"	10.0	0.00	64.2	72-128	Low Bias			
Hexachlorobutadiene	2.95		"	10.0	0.00	29.5	34-166	Low Bias			
Isopropylbenzene	5.65		"	10.0	0.00	56.5	70-130	Low Bias			
Methyl acetate	11.3		"	10.0	0.00	113	70-130				
Methyl tert-butyl ether (MTBE)	9.91		"	10.0	0.00	99.1	75-128				
Methylcyclohexane	4.93		"	10.0	0.00	49.3	70-130	Low Bias			
Methylene chloride	8.99		"	10.0	0.00	89.9	70-128				
n-Butylbenzene	4.05		"	10.0	0.00	40.5	61-138	Low Bias			
n-Propylbenzene	5.12		"	10.0	0.00	51.2	66-134	Low Bias			
o-Xylene	7.11		"	10.0	0.00	71.1	70-126				
p- & m- Xylenes	12.8		"	20.0	0.00	64.2	70-130	Low Bias			
p-Isopropyltoluene	4.58		"	10.0	0.00	45.8	64-137	Low Bias			
sec-Butylbenzene	4.94		"	10.0	0.00	49.4	53-155	Low Bias			
Styrene	7.39		"	10.0	0.00	73.9	70-125				
tert-Butyl alcohol (TBA)	49.2		"	50.0	0.00	98.4	10-130				
tert-Butylbenzene	5.02		"	10.0	0.00	50.2	65-139	Low Bias			
Tetrachloroethylene	4.38		"	10.0	0.00	43.8	70-130	Low Bias			
Toluene	7.45		"	10.0	0.00	74.5	76-123	Low Bias			
trans-1,2-Dichloroethylene	7.79		"	10.0	0.00	77.9	79-130	Low Bias			
trans-1,3-Dichloropropylene	8.27		"	10.0	0.00	82.7	70-130				
trans-1,4-dichloro-2-butene	7.27		"	10.0	0.00	72.7	25-155				
Trichloroethylene	6.61		"	10.0	0.00	66.1	70-130	Low Bias			
Trichlorofluoromethane	5.82		"	10.0	0.00	58.2	61-142	Low Bias			
Vinyl Chloride	6.75		"	10.0	0.00	67.5	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.36*		*"*	*10.0*		*93.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike Dup (BF50193-MSD1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	9.49		ug/L	10.0	0.00	94.9	45-161		18.4	30	
1,1,1-Trichloroethane	9.73		"	10.0	0.00	97.3	70-130		24.3	20	Non-dir.
1,1,2,2-Tetrachloroethane	10.2		"	10.0	0.00	102	74-121		8.87	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.69		"	10.0	0.00	96.9	70-130		63.7	20	Non-dir.
1,1,2-Trichloroethane	10.8		"	10.0	0.00	108	70-130		15.1	20	
1,1-Dichloroethane	10.7		"	10.0	0.00	107	70-130		20.5	20	Non-dir.
1,1-Dichloroethylene	11.2		"	10.0	0.00	112	70-130		31.5	20	Non-dir.
1,2,3-Trichlorobenzene	8.00		"	10.0	0.00	80.0	70-130		49.8	20	Non-dir.
1,2,3-Trichloropropane	9.80		"	10.0	0.00	98.0	74-127		11.3	30	
1,2,4-Trichlorobenzene	7.40		"	10.0	0.00	74.0	70-130		65.0	20	Non-dir.
1,2,4-Trimethylbenzene	8.35		"	10.0	0.00	83.5	72-129		44.0	20	Non-dir.
1,2-Dibromo-3-chloropropane	8.91		"	10.0	0.00	89.1	40-151		24.6	20	Non-dir.
1,2-Dibromoethane	10.0		"	10.0	0.00	100	75-125		14.9	20	
1,2-Dichlorobenzene	8.57		"	10.0	0.00	85.7	70-122		33.7	20	Non-dir.
1,2-Dichloroethane	11.2		"	10.0	0.00	112	70-130		15.0	20	
1,2-Dichloropropane	10.8		"	10.0	0.00	108	77-121		16.5	20	
1,3,5-Trimethylbenzene	9.86		"	10.0	0.00	98.6	69-126		59.3	30	Non-dir.
1,3-Dichlorobenzene	8.14		"	10.0	0.00	81.4	74-119		45.6	20	Non-dir.
1,4-Dichlorobenzene	8.01		"	10.0	0.00	80.1	70-124		44.8	20	Non-dir.
1,4-Dioxane	0.00		"	210	0.00		40-160	Low Bias		20	
2-Butanone	11.5		"	10.0	0.00	115	40-160		2.11	20	
2-Hexanone	10.2		"	10.0	0.00	102	53-133		7.18	20	
4-Methyl-2-pentanone	8.57		"	10.0	0.00	85.7	40-150		12.9	20	
Acetone	10.2		"	10.0	1.15	91.0	40-149		5.93	20	
Acrolein	6.84		"	10.0	0.00	68.4	10-195		5.56	30	
Acrylonitrile	11.3		"	10.0	0.00	113	37-165		5.26	30	
Benzene	11.0		"	10.0	0.00	110	70-130		23.2	20	Non-dir.
Bromochloromethane	10.6		"	10.0	0.00	106	75-121		12.3	20	
Bromodichloromethane	10.0		"	10.0	0.00	100	70-129		16.4	20	
Bromoform	9.28		"	10.0	0.00	92.8	70-130		16.2	20	
Bromomethane	6.08		"	10.0	0.00	60.8	40-158		32.1	20	Non-dir.
Carbon disulfide	10.4		"	10.0	0.00	104	40-138		39.4	20	Non-dir.
Carbon tetrachloride	9.83		"	10.0	0.00	98.3	71-130		33.5	20	Non-dir.
Chlorobenzene	9.55		"	10.0	0.00	95.5	81-117		30.5	20	Non-dir.
Chloroethane	9.74		"	10.0	0.00	97.4	51-145		20.7	20	Non-dir.
Chloroform	10.3		"	10.0	0.00	103	80-124		18.0	20	
Chloromethane	7.83		"	10.0	0.00	78.3	40-160		25.3	20	Non-dir.
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125		19.2	20	
cis-1,3-Dichloropropylene	9.51		"	10.0	0.00	95.1	70-130		17.4	20	
Cyclohexane	4.98		"	10.0	0.00	49.8	70-130	Low Bias	46.5	20	Non-dir.
Dibromochloromethane	9.81		"	10.0	0.00	98.1	71-129		14.4	20	
Dibromomethane	10.2		"	10.0	0.00	102	76-120		11.5	30	
Dichlorodifluoromethane	5.52		"	10.0	0.00	55.2	40-147		53.2	20	Non-dir.
Ethyl Benzene	9.81		"	10.0	0.00	98.1	72-128		41.8	20	Non-dir.
Hexachlorobutadiene	7.24		"	10.0	0.00	72.4	34-166		84.2	30	Non-dir.
Isopropylbenzene	8.51		"	10.0	0.00	85.1	70-130		40.4	20	Non-dir.
Methyl acetate	11.9		"	10.0	0.00	119	70-130		5.08	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0	0.00	111	75-128		11.1	20	
Methylcyclohexane	9.76		"	10.0	0.00	97.6	70-130		65.8	20	Non-dir.
Methylene chloride	10.5		"	10.0	0.00	105	70-128		15.3	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike Dup (BF50193-MSD1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
n-Butylbenzene	8.27		ug/L	10.0	0.00	82.7	61-138		68.5	30	Non-dir.
n-Propylbenzene	8.69		"	10.0	0.00	86.9	66-134		51.7	30	Non-dir.
o-Xylene	9.92		"	10.0	0.00	99.2	70-126		33.0	20	Non-dir.
p- & m- Xylenes	19.6		"	20.0	0.00	98.0	70-130		41.7	20	Non-dir.
p-Isopropyltoluene	8.21		"	10.0	0.00	82.1	64-137		56.8	30	Non-dir.
sec-Butylbenzene	8.47		"	10.0	0.00	84.7	53-155		52.6	30	Non-dir.
Styrene	10.2		"	10.0	0.00	102	70-125		32.2	20	Non-dir.
tert-Butyl alcohol (TBA)	59.2		"	50.0	0.00	118	10-130		18.5	30	
tert-Butylbenzene	7.46		"	10.0	0.00	74.6	65-139		39.1	30	Non-dir.
Tetrachloroethylene	8.06		"	10.0	0.00	80.6	70-130		59.2	20	Non-dir.
Toluene	10.0		"	10.0	0.00	100	76-123		29.4	20	Non-dir.
trans-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	79-130		30.2	20	Non-dir.
trans-1,3-Dichloropropylene	9.78		"	10.0	0.00	97.8	70-130		16.7	20	
trans-1,4-dichloro-2-butene	8.50		"	10.0	0.00	85.0	25-155		15.6	30	
Trichloroethylene	9.70		"	10.0	0.00	97.0	70-130		37.9	20	Non-dir.
Trichlorofluoromethane	8.82		"	10.0	0.00	88.2	61-142		41.0	20	Non-dir.
Vinyl Chloride	9.05		"	10.0	0.00	90.5	70-130		29.1	20	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)											
Prepared & Analyzed: 06/03/2025											
Bromochloromethane	ND	0.500	ug/L								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)							Prepared & Analyzed: 06/03/2025				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	8.67		"	10.0		86.7	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	45-147				
1,2-Dibromoethane	9.51		"	10.0		95.1	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	9.18		"	10.0		91.8	51-146				
4-Methyl-2-pentanone	7.58		"	10.0		75.8	57-145				
Acetone	8.87		"	10.0		88.7	14-150				
Acrolein	7.30		"	10.0		73.0	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	11.4		"	10.0		114	85-126				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	8.03		"	10.0		80.3	78-133				
Bromomethane	6.83		"	10.0		68.3	43-168				
Carbon disulfide	10.5		"	10.0		105	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.60		"	10.0		96.0	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	7.44		"	10.0		74.4	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	5.54		"	10.0		55.4	63-149	Low Bias			
Dibromochloromethane	9.82		"	10.0		98.2	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	4.64		"	10.0		46.4	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)								Prepared & Analyzed: 06/03/2025			
n-Butylbenzene	10.6		ug/L	10.0		106	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	47.3		"	50.0		94.6	25-162				
tert-Butylbenzene	9.32		"	10.0		93.2	77-138				
Tetrachloroethylene	9.26		"	10.0		92.6	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	9.98		"	10.0		99.8	78-131				
trans-1,4-dichloro-2-butene	9.59		"	10.0		95.9	63-141				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	9.00		"	10.0		90.0	67-139				
Vinyl Chloride	8.58		"	10.0		85.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.0985	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136		3.52	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		13.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.80		"	10.0		98.0	54-165		4.59	30	
1,1,2-Trichloroethane	11.5		"	10.0		115	82-123		9.82	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		4.18	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		4.58	30	
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	76-136		13.7	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		9.46	30	
1,2,4-Trichlorobenzene	9.89		"	10.0		98.9	76-137		12.6	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		0.857	30	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147		19.0	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.9	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		6.46	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		6.34	30	
1,2-Dichloropropane	11.1		"	10.0		111	78-126		3.20	30	
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131		3.96	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.199	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		1.02	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	13.6		"	10.0		136	49-152		28.5	30	
2-Hexanone	11.5		"	10.0		115	51-146		22.3	30	
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145		20.5	30	
Acetone	11.1		"	10.0		111	14-150		22.3	30	
Acrolein	8.33		"	10.0		83.3	10-153		13.2	30	
Acrylonitrile	13.0		"	10.0		130	51-150		18.9	30	
Benzene	11.0		"	10.0		110	85-126		2.86	30	
Bromochloromethane	11.1		"	10.0		111	77-128		4.04	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
Bromodichloromethane	10.6		ug/L	10.0		106	79-128		1.42	30	
Bromoform	10.8		"	10.0		108	78-133		29.4	30	
Bromomethane	6.36		"	10.0		63.6	43-168		7.13	30	
Carbon disulfide	9.91		"	10.0		99.1	68-146		5.59	30	
Carbon tetrachloride	9.86		"	10.0		98.6	77-141		6.19	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.72	30	
Chloroethane	9.09		"	10.0		90.9	65-136		5.46	30	
Chloroform	10.7		"	10.0		107	82-128		0.467	30	
Chloromethane	6.76		"	10.0		67.6	43-155		9.58	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		3.32	30	
Cyclohexane	5.30		"	10.0		53.0	63-149	Low Bias	4.43	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		7.55	30	
Dibromomethane	11.2		"	10.0		112	72-134		8.49	30	
Dichlorodifluoromethane	4.36		"	10.0		43.6	44-144	Low Bias	6.22	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.31	30	
Hexachlorobutadiene	9.64		"	10.0		96.4	67-146		8.55	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		6.97	30	
Methyl acetate	12.8		"	10.0		128	51-139		12.6	30	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135		15.2	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		6.01	30	
Methylene chloride	10.6		"	10.0		106	55-137		0.945	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		0.283	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		4.64	30	
o-Xylene	10.4		"	10.0		104	78-130		2.27	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		4.35	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		0.477	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		1.91	30	
Styrene	11.0		"	10.0		110	67-132		0.731	30	
tert-Butyl alcohol (TBA)	69.5		"	50.0		139	25-162		38.0	30	Non-dir.
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		3.72	30	
Tetrachloroethylene	8.51		"	10.0		85.1	82-131		8.44	30	
Toluene	10.5		"	10.0		105	80-127		4.48	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		5.81	30	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131		7.80	30	
trans-1,4-dichloro-2-butene	10.6		"	10.0		106	63-141		10.3	30	
Trichloroethylene	9.81		"	10.0		98.1	82-128		7.17	30	
Trichlorofluoromethane	8.43		"	10.0		84.3	67-139		6.54	30	
Vinyl Chloride	7.93		"	10.0		79.3	58-145		7.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1596-01	MW-9 (20252305)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-02	MW-10 (20252305)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-03	MW-11R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-04	MW-13R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-05	MW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-06	MW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-07	FB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-08	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25E1596

Page _____ of _____

Report To:	Invoice To:
Company: Hydro Tech Environmental	Company:
Address: 231 West 29th St, New York, NY.	Address: SAME
Phone.: 631-241-7965	Phone.:
Contact: Paul Matli	Contact:
E-mail: pmatli@hydrotechenvironmental.com	E-mail:

YOUR Project Name / Number: 230051 - 170 Freeman Street, Brooklyn

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Analyses Requested: EPA 8260

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) ✓ | PFAS Standard 7-10 Day

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) NYSDEC GQS

Field Filtered | Lab Filtered

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Amodya Singh

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Grab or Comp. G/C
MW-9 (20252305)	05/23/25	12:24	GW	X										
MW-10 (20252305)		11:42am		X										
MW-11R		1:02pm		X										
MW-13R		9:31am		X										
MW-14 MS/MSD		10:15am		X										
MW-15		11:05		X										
FB		11:02am	DI	X										
TB			DI											

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Amodya 1418 05/23/25	1. Samples Received by / Company: 5/23/25 1418	2. Samples Relinquished by / Company: 5/23/25 1900
2. Samples Received by / Company:	3. Samples Relinquished by / Company:	3. Samples Received by / Company: 1900
4. Samples Relinquished by / Company:	4. Samples Received by / Company:	Samples Received in LAB by: 5/23/25 1900 Temperature: 2.8 Degrees C

APPENDIX 7
DUSR

AMXconsult, LLC

AMXconsult, LLC
155 Birch Road
Storrs, CT 06268
Tel: +1-860-942-2881

July 16, 2025

Paul Matli, PhD, PG
Vice President
Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001
pmatli@hydrotechenvironmental.com

RE: 170 Freeman Street DUSR

Dear Mr. Matli:

AMXconsult, LLC (AMX) is pleased to submit this Data Usability Summary Report (DUSR) and Quality Assurance Validation for the subject project (170 Freeman Street, Brooklyn, NY). The data validation was performed under Category B guidelines. The analyses were validated using the following documents:

- USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data; QA-HWSS-A-004; March 2022.
- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW 846 -Method 8260B and 8260C, SOP HWSS -24, Revision 4; October 2014.
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, EPA 540-R-2017-002; January 2017.

An overall assessment of the data package provided by the laboratory for SDG# 25B1454 indicates acceptable laboratory performances of the required SW-846 Method 8260D. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA SW-846 Method 8260D. With respect to data usability and completeness, the issues listed in the data usability assessment summary (Pages 11-13) should be taken into consideration with respect to biases identified during data validation.

Sincerely,

M. Amine Dahmani, Ph.D.
Principal

DATA USABILITY SUMMARY REPORT

For:

Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001

YORK Laboratory SDG#25E1596

Project Location: 170 Freeman Street, Brooklyn, NY

By:

Amine Dahmani, Ph.D.
Principal

July 16, 2025

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Appendix A: Data Validation Assessment Support Files

Appendix B: YORK Analytical Laboratories Technical Report

LIST OF ACRONYMS

This is a comprehensive list of acronyms used for Organic and Inorganic Data Validation. Some of the acronyms and terms were used in this report, as appropriate.

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (volatile instrument performance check)
BNA	Base/Neutral/Acid
CARD	CLP Analytical Results Database
CCB	Continuing Calibration Blank
CCCs	Calibration Check Compounds
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CLP	Contract Laboratory Program
CN	Cyanide
COC	Chain of Custody
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
CV	Cold Vapor
%D	Percent Difference
DAS	Delivery of Analytical Services
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl (Pesticide/PCB/ surrogate compound)
DFTPP	Decafluorotriphenylphosphine (semivolatile instrument performance check)
DSF	Data Summary Form
DVA	Data Validation Assessment
ECD	Electron-Capture Detector
EICP	Extended Ion Current Profile
EPA	United States Environmental Protection Agency
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/EC	Gas Chromatography/Electron Capture
GC/MS	Gas Chromatography/Mass Spectra

GPC Gel Permeation Chromatography (Clean Up)
ICAL Initial Calibration
ICB Initial Calibration Blank
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification
IDL Instrument Detection Limit
IRDA Inorganic Regional Data Assessment
IS Internal Standard
LCS Laboratory Control Sample
LCL Lower Control Limit
MCL Maximum Contamination Level
MDL Method Detection Limit
MS/MSD Matrix Spike/Matrix Spike Duplicate
m/z The ratio of mass (m) to charge (z) of ions measured by GC/MS OADS Organic Analysis Data Sheet (Form 1)
ORDA Organic Regional Data Assessment
PB Preparation Blank
PCB Poly Chlorinated Biphenyl
PEM Performance Evaluation Mixture
PFAS Polyfluorinated Alkyl Substances (PFAS analytes are listed below)
PRP Potential Responsible Party
QA/QC Quality Assurance/Quality Control
QAPjP Quality Assurance Project Plan
QC Quality Control
%R Percent Recovery of spiked amount
RAS Routine Analytical Services
RF Response Factor
RIC Reconstructed Ion Chromatogram
RPD Relative Percent Difference
RRF Relative Response Factor
RSD Relative Standard Deviation
RT Retention Time
RTW Retention Time Window
SDG Sample Delivery Group
SMC System Monitoring Compound
SMO Sample Management Office
SOP Standard Operation Procedures
SOW Statement of Work
SPCCs System Performance Check Compounds
SSL Samples Shipping Log
SVOA Semi-volatile Organic Analyte

TAL	Target Analyte List
TCL	Target Compound List
TCX	Tetrachloro-m-Xylene (Pesticide/PCB surrogate compound)
TIC	Tentatively Identified Compound
TPH	Total Petroleum Hydrocarbons
TR	Traffic Report
UCL	Upper Control Limit
VOA	Volatile Organic Analyte
VTSR	Validated Time of Sample Receipt

LIST OF TERMS

Associated Samples: Any sample related to a particular QC analysis.

Case: A finite, usually predetermined number of samples collected over a given time period for a particular site. A Case consists of one or more Sample Delivery Group(s).

Continuing Calibration Blank (CCB): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Continuing Calibration Verification (CCV): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Contract Compliance Screening (CCS): A process in which the SMO inspects the data for contractual compliance and provides EMSL-LV laboratories and the Regions with their findings.

Contractual Holding Time: The time from VTSR (validated time of sample receipt) to laboratory extraction and /or analysis

Data Validation Qualifier (DVQ): This refers to the column on the data summary form in which EPA Region III and other qualifiers have been placed by the data validator.

Data Validation Result (DVR): This refers to the column on the data summary form used to report results that have been modified by the data validator. A result in the DVR column that is qualified "U" indicates a modification of the reporting limit.

Field Blank Field blanks are intended to identify contaminants that may have been introduced in the field. Examples are rinsate blank (RB), field blanks (FB) and trip blank (TB).

Field Duplicate: A duplicate sample generated in the field; not in the laboratory.

Initial Calibration (ICAL): The establishment of a calibration curve with the appropriate number of standards and concentration ranges. The calibration curve plots absorbances and/or emissions versus concentration of the standards.

Initial Calibration Blank (ICB): First blank run after the calibration curve.

Initial Calibration Verification (ICV): First standard run after the calibration curve.

Matrix Spike/Matrix Spike Duplicate (MS/MSD): Introduction of a known concentration of a compound into a sample to provide information about the effect of sample matrix on the extraction and/or measurement methodology.

Post Digestion Spike: The addition of known amount of standard after digestion. (Also identified as analytical spike, or spike, for furnace analyses).

Preparation Blank (PB): Blank taken through the digestion process to detect internal laboratory contamination.

Performance Evaluation Mixture: A standard used to verify that the ICAL sequence is stable throughout the GC or GC/MS analyses.

Sample Delivery Group (SDG): Defined by one of the following, whichever occurs first:
- case of sample
- each twenty field samples in a case or
- each 14-day calendar period during which field samples in a case are received, beginning with the receipt of the first sample in the SDG.

Serial Dilution: A sample run at a specific dilution to determine whether any significant chemical or physical interferences exist due to sample matrix effect, for ICP only.

Technical Holding Time: The time from sample collection to laboratory extraction and /or analysis.

LIST OF VALIDATION QUALIFIERS

The qualifiers are listed in the QA/QC Reviews for USEPA Region II. They were used in this data usability summary report (DUSR). The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

U	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	Not detected, quantitation limit may be inaccurate or imprecise.

1.0 DATA USABILITY AND VALIDATION PARAMETERS, SOPs

NYSDEC DATA USABILITY SUMMARY PARAMETERS

The parameters listed below were used for the data usability summary report (DUSR) evaluation.

- Samples Handling
- Data Validation References
- Laboratory Data Packages
- Laboratory Analytical Methods
- Data Usability Assessment Summary

DATA VALIDATION SUMMARY PARAMETERS

The parameters listed below were used for data validation evaluation:

- Data Completeness
- Sample Holding Times
- Chromatographic Criteria
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning and Mass Calibration
- Initial and Continuing Calibration Verifications (ICV and CCV)
- Method Blank Verification (BLK)
- Surrogate Recoveries (SR)
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards/Labeled Compounds (IS)
- Laboratory and Field duplicates (DUP)
- Quantitation Limits and Data Assessment
- Target Analyte Identification
- Target Analyte Quantitation

DATA VALIDATION STANDARD OPERATING PROCEDURES (SOPs)

Region 2 Quality Assurance Guidance and Standard Operating Procedures:

- USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data; QA-HWSS-A-004; March 2022.
- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW 846 -Method 8260B and 8260C, SOP HWSS - 24, Revision 4; October 2014.

2.0 DATA VALIDATION REPORT NARRATIVE

2.1 NYSDEC Data Usability Summary Report (SDG#25E1596)

Site Location: 170 Freeman St Brooklyn, NY
Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: six groundwater samples, two water samples (one field blank and one trip blank)
Sampling Date: 05/23/2025
Laboratory SDG#: 25E1596
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 07/16/2025

SAMPLE HANDLING

Based on the Chain of Custody (COC), the samples listed below were received on 05/23/2025 at 7:00 PM. The cooler was noted with an acceptable temperature of 2.8 °C. The samples were received intact. No compromised vials, missing labels, or other issues were noted. The appropriate sample containers were used, consistent with the Sample Integrity and Preservation section of USEPA SW-846 method 8260D.

The COC includes an appropriate record of site location, client and project information, field sampling information (sampler, sample collection date and time), sample identification and matrix, preservation, required analysis, deliverables, turnaround time, regulatory comparison and sample custody management.

Laboratory Sample Identification	Client Sample Identification
25E1596-01	**MW-9 (20252305)**
25E1596-02	**MW-10 (20252305)**
25E1596-03	**MW-11R**
25E1596-04	**MW-13R**
25E1596-05	**MW-14**
25E1596-06	**MW-15**
25E1596-07	**FB**
25E1596-08	**TB**

DATA VALIDATION REFERENCES

The VOC data validation was conducted in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA 540-R-2017-002; January 2017), the USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data (QA-HWSS-A-004; March 2022), and the method and QC Criteria specified in NYSDEC ASP Documents.

LABORATORY DATA PACKAGE

The laboratory data package for SDG# 25E1596 is satisfactory with respect to pagination, quality control narratives and completeness. The package included the laboratory quality assurance summary report, quality control summary data, sample non-conformance summaries, the data package forms and tables in accordance with the NYSDEC ASP B deliverable requirements. The instrument tuning information, sample preparation and analysis batch and all associated standard, quality control and sample raw data were provided.

LABORATORY ANALYTICAL METHODS

The quality assurance criteria listed in the laboratory data package indicate with a high degree of certainty the laboratory's compliance with procedures set forth in the analytical method (USEPA SW-846 Method 8260D) listed in the chain of custody. No deviation from the method was noted.

DATA USABILITY ASSESSMENT SUMMARY

An overall assessment of the data package provided by the laboratory for SDG# 25E1596 indicates acceptable laboratory performances of the required SW-846 Method 8260D. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA SW-846 Method 8260D. With respect to data usability and completeness, the issues listed in the table below should be taken into consideration with respect to biases identified during data validation. Refer to the Data Validation Assessment section for the technical evaluation that supports the Data Usability Assessment (DUA) presented in the table below.

Field ID	Lab ID	Analyte	Qualifiers	DUA
MW-9 (20252305)	25E1596-01	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
MW-9 (20252305)	25E1596-01	Acrolein	ICV	
MW-9 (20252305)	25E1596-01	Bromomethane	CCV	
MW-9 (20252305)	25E1596-01	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-9 (20252305)	25E1596-01	Methylene chloride	J	J
MW-9 (20252305)	25E1596-01	tert-Butyl alcohol (TBA)	ICV	

MW-9 (20252305)	25E1596-01	Tetrachloroethylene	J	J
MW-10 (20252305)	25E1596-02	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
MW-10 (20252305)	25E1596-02	Acrolein	ICV	
MW-10 (20252305)	25E1596-02	Bromomethane	CCV	
MW-10 (20252305)	25E1596-02	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-10 (20252305)	25E1596-02	tert-Butyl alcohol (TBA)	ICV	
MW-11R	25E1596-03	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
MW-11R	25E1596-03	Acrolein	ICV	
MW-11R	25E1596-03	Bromomethane	CCV	
MW-11R	25E1596-03	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-11R	25E1596-03	tert-Butyl alcohol (TBA)	ICV	
MW-13R	25E1596-04	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	
MW-13R	25E1596-04	Acetone	J	J
MW-13R	25E1596-04	Acrolein	ICV	
MW-13R	25E1596-04	Bromomethane	CCV	
MW-13R	25E1596-04	Chloroform	J	J
MW-13R	25E1596-04	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-13R	25E1596-04	tert-Butyl alcohol (TBA)	ICV	
MW-14	25E1596-05	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
MW-14	25E1596-05	Acrolein	ICV	
MW-14	25E1596-05	Bromomethane	CCV	
MW-14	25E1596-05	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-14	25E1596-05	tert-Butyl alcohol (TBA)	ICV	
MW-15	25E1596-06	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
MW-15	25E1596-06	Acrolein	ICV	
MW-15	25E1596-06	Bromomethane	CCV	
MW-15	25E1596-06	Cyclohexane	ICV, LCS, MS/MSD	UJ
MW-15	25E1596-06	tert-Butyl alcohol (TBA)	ICV	
FB	25E1596-07	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
FB	25E1596-07	Acrolein	ICV	

FB	25E1596-07	Bromomethane	CCV	
FB	25E1596-07	Cyclohexane	ICV, LCS, MS/MSD	UJ
FB	25E1596-07	Methylene chloride	J	J
FB	25E1596-07	tert-Butyl alcohol (TBA)	ICV	
TB	25E1596-08	1,4-Dioxane	ICV, CCV, LCS, MS/MSD	UJ
TB	25E1596-08	Acetone	J	J
TB	25E1596-08	Acrolein	ICV	
TB	25E1596-08	Bromomethane	CCV	
TB	25E1596-08	Cyclohexane	ICV, LCS, MS/MSD	UJ
TB	25E1596-08	tert-Butyl alcohol (TBA)	ICV	

2.2 Data Validation Assessment (SDG#25E1596)

Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: six groundwater samples, two water samples (one field blank and one trip blank)
Sampling Date: 05/23/2025
Laboratory SDG#: 25E1596
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 07/16/2025

DATA COMPLETENESS

The data deliverable package is considered complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

HOLDING TIME

No Holding Time exceedances were noted. The samples were analyzed within the method holding times as recommended by SW846 Method 8260.

CHROMATOGRAPHIC CRITERIA

The laboratory data package, including standards, quality control samples and field sample analyses raw data (data reduction and chromatograms), shows compliance with the chromatographic criteria set forth in SW846 Method 8260D.

GC/MS TUNING AND MASS CALIBRATION

The standard tuning criteria were within control limits as outlined in the SW846 Method 8260D.

INITIAL CALIBRATION VERIFICATION (ICV)

The laboratory data of the initial calibration standards have been evaluated for compliance with the method criteria for Average Response Factors (RRFs), Percent Relative Standard Deviations (%RSDs), and the coefficient of determination COD (as needed). The method calibration criteria are as follows:

- Average RRFs must be greater than the required values and at least greater than 0.01 for all target compounds and >0.001 for 1,4 Dioxane.
- %RSD must be less than 20%.
- The coefficient of determination (COD) must be greater than 0.995.

The evaluation of the data indicates the following:

Calibration SE50045: For the initial calibration reference (File ID# QV935791.D) conducted on 05/28/2025, the average RRFs, %RSDs and the coefficient of determination (COD), for reported target compounds were in compliance with the method calibration criteria except for 1,4-Dioxane, 2-Butanone, Acrolein, Acrylonitrile, Methyl acetate, Acetone and Tert-Butyl Alcohol (TBA). No RRF values were provided for 1,4-Dioxane.

The Initial Calibration Verification - Second-Source Calibration Check (Lab ID# S5E3001-SCV1) results indicate %Ds for 1,3,5-Trimethylbenzene, Acrolein, Cyclohexane, tert-Butyl alcohol (TBA) were above the allowable maximum of 30. 1,4-Dioxane was not detected.

No action is required when less than 20% of the calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds. 1,4-Dioxane did not meet the %D and RRF criteria.

Quality Assessment: No action is required for all compounds except 1,4-Dioxane.

CONTINUING CALIBRATION VERIFICATION

The laboratory data of the continuing calibration standards have been evaluated for compliance with the method criteria for required frequency, Relative Response Factor (RRFs) and Percent Difference (%Ds). The evaluation of the data indicates the following:

Calibration SB50045: The continuing calibration reference sample: S5F0337-CCV1, analyzed on 05/28/2025, met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), except for %Ds of Bromoform, Bromomethane, Dichlorodifluoromethane, Hexachlorobutadiene, Methyl acetate and TBA that were above the allowable maximum of 20. 1,4-Dioxane was not detected and did not meet the RRF criteria.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds. 1,4-Dioxane did not meet the %D and RRF criteria.

Quality Assessment: Detected results of Bromoform, Bromomethane, Dichlorodifluoromethane, Hexachlorobutadiene, Methyl acetate and TBA should be qualified Estimated (J) for any samples associated with this calibration. However, these compounds were not detected in all the samples. Therefore, no qualifier is needed except for 1,4-Dioxane. 1,4-Dioxane non-detect results should be qualified Estimated (UJ).

METHOD BLANK VERIFICATION (BLK)

Method Blank results presented in Batch BF50193 (sample BF50193-BLK1 analyzed on 06/02/2025) indicate that no reportable target compounds were detected above the method reporting limits (RL).

Quality Assessment: No action is required.

Method Blank results presented in Batch BF50204 (sample BF50204-BLK1 analyzed on 06/03/2025) indicate that no reportable target compounds were detected above the method reporting limits (RL).

Quality Assessment: No action is required.

SURROGATE RECOVERIES (SR)

Batch BF50193: No Surrogate Recovery issues were encountered. Surrogate Recoveries for all samples were within method control limits.

Quality Assessment: No action is required.

Batch BF50204: No Internal Standards issues were encountered. The internal standard retention times and the internal standard areas were within method control limits.

Quality Assessment: No action is required.

INTERNAL STANDARD AREA SUMMARY (IS)

Batch BF50193: No Internal Standards issues were encountered. The internal standard retention times and the internal standard areas were within method control limits.

Quality Assessment: No action is required.

Batch BF50204: No Internal Standards issues were encountered. The internal standard retention times and the internal standard areas were within method control limits.

Quality Assessment: No action is required.

LABORATORY CONTROL SAMPLE (LCS)

The laboratory control samples (LCS) in the dataset have been evaluated for method compliance (Percent Recoveries: %Rs and Relative Percent Difference: %RPDs). The results indicate the following:

Batch BF50193: LCS BF50193-BS1 and LCS Dup BF50193-BSD1 analyzed on 06/02/2025:

The LCS %R for 1,3,5-Trimethylbenzene (136%, high bias) was above the regulatory upper recovery limit. This compound was not detected in any of the associated samples.

The %Rs for 1,4-dioxane (LCS/LCSD of 0%/0%, low bias) were below the regulatory lower recovery limit. This compound was not detected in any of the associated samples.
The %Rs for cyclohexane (LCS/LCSD of 51.7%/48.5%, low bias) were below the regulatory lower recovery limit. This compound was not detected in any of the associated samples.
The LCS/LCSD RPD limits were exceeded for 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Methyl acetate and TBA (non-directional bias). These compounds were not detected in the associated samples except for Acetone.

Quality Assessment: Acetone may be biased in samples MW-13R (Lab ID# 25E1596-04) and TB (Lab ID# 25E1596-08) and should be qualified Estimated (J). Cyclohexane results may be biased low in all the samples. The non-detect results for cyclohexane in all the samples should be qualified Estimated (UJ). 1,4-Dioxane non-detect results in all the samples should be qualified Estimated (UJ).

Batch BF50204: LCS BF50204-BS1 and LCS Dup BF50204-BS1D analyzed on 06/03/2025:

The %Rs for 1,4-Dioxane (LCS/LCSD of 0%/0%, low bias) were below the regulatory lower recovery limit. This compound was not detected in any of the associated samples (Blank BF50204-BLK1 and field sample MW-9 (20252305) lab ID#25E1596-01RE1).
The %Rs for Cyclohexane (LCS/LCSD of 55.4%/53%, low bias) were below the regulatory lower recovery limit. This compound was not detected in any of the associated samples (Blank BF50204-BLK1 and field sample MW-9 (20252305) lab ID#25E1596-01RE1).
The LCSD Dichlorodifluoromethane %R (43.6%, low bias) was below the recovery limit of 44%. This compound was not detected in the associated samples.

Quality Assessment: No action required for the reanalysis of associated field sample MW-9 (20252305), lab ID#25E1596-01RE1. The 1,4-Dioxane and Cyclohexane non-detect results in this sample were already qualified Estimated (UJ) in the initial analysis.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE (MS/MSD)

As required by the method QA/QC criteria, the MS/MSD in a designated sample listed in this data set has been evaluated for method compliance purposes.

BF50193: MS sample BF50193-MS1 and MS Dup sample BF50193-MSD1 analyzed on 06/02/2025; Source sample: MW-14 (Lab ID#25E1596-05).

The MS %Rs for twenty-nine compounds including 1,4-Dioxane and Cyclohexane were below the regulatory lower recovery limit(low bias). The MSD %Rs were below the regulatory lower recovery limit for only two compounds (1,4-Dioxane and Cyclohexane). The Relative Percent Difference (RPD) among the MS and MSD data is outside the laboratory or regulatory control limit for numerous compounds due to the low recovery of the MS sample probably due to non-homogeneous distribution of target analytes between the MS and MSD.

Quality Assessment: 1,4-Dioxane and Cyclohexane may be biased low but these compounds were not detected in the sample set. The 1,4-Dioxane and Cyclohexane non-detect results in this sample set should be qualified Estimated (UJ).

TARGET ANALYTE IDENTIFICATION

Target compounds, internal standards and surrogates were checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with SW846 Method 8260D for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.

TARGET ANALYTE QUANTIFICATION

Target compounds were quantitated using the appropriate method calculation criteria in accordance with SW846 Method 8260D procedures and guidelines.

APPENDIX A

DATA VALIDATION ASSESSMENT SUPPORT FILES

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF50193-BS1)			Lab File ID: QV935911.D		Analyzed: 06/02/25 14:23			
SURR: 1,2-Dichloroethane-d4	10.0	94.0	70 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
LCS Dup (BF50193-BSD1)			Lab File ID: QV935912.D		Analyzed: 06/02/25 14:47			
SURR: 1,2-Dichloroethane-d4	10.0	110	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Blank (BF50193-BLK1)			Lab File ID: QV935914.D		Analyzed: 06/02/25 16:51			
SURR: 1,2-Dichloroethane-d4	10.0	111	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	95.0	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
TB (25E1596-08)			Lab File ID: QV935920.D		Analyzed: 06/02/25 19:38			
SURR: 1,2-Dichloroethane-d4	10.0	103	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	105	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	96.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
FB (25E1596-07)			Lab File ID: QV935921.D		Analyzed: 06/02/25 20:03			
SURR: 1,2-Dichloroethane-d4	10.0	112	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.9	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-9 (20252305) (25E1596-01)			Lab File ID: QV935922.D		Analyzed: 06/02/25 20:28			
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.6	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-10 (20252305) (25E1596-02)			Lab File ID: QV935923.D		Analyzed: 06/02/25 20:52			
SURR: 1,2-Dichloroethane-d4	10.0	113	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.4	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.4	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-11R (25E1596-03)			Lab File ID: QV935924.D		Analyzed: 06/02/25 21:17			
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	90.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-13R (25E1596-04)			Lab File ID: QV935925.D		Analyzed: 06/02/25 21:42			
SURR: 1,2-Dichloroethane-d4	10.0	117	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.2	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-14 (25E1596-05)			Lab File ID: QV935926.D		Analyzed: 06/02/25 22:06			
SURR: 1,2-Dichloroethane-d4	10.0	117	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.0	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-15 (25E1596-06)			Lab File ID: QV935927.D		Analyzed: 06/02/25 22:31			
SURR: 1,2-Dichloroethane-d4	10.0	112	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	94.1	79 - 122	10.316	10.31533	0.0007	+/-0.50	
Matrix Spike (BF50193-MS1)			Lab File ID: QV935928.D		Analyzed: 06/02/25 22:56			
SURR: 1,2-Dichloroethane-d4	10.0	114	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.8	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	93.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Matrix Spike Dup (BF50193-MSD1)			Lab File ID: QV935929.D		Analyzed: 06/02/25 23:20			
SURR: 1,2-Dichloroethane-d4	10.0	116	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.2	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.3	79 - 122	10.313	10.31533	-0.0023	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0337
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF50204-BS1)			Lab File ID: QV935933.D		Analyzed: 06/03/25 12:42			
SURR: 1,2-Dichloroethane-d4	10.0	102	69 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	99.7	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
LCS Dup (BF50204-BSD1)			Lab File ID: QV935934.D		Analyzed: 06/03/25 13:07			
SURR: 1,2-Dichloroethane-d4	10.0	109	69 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	98.6	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Blank (BF50204-BLK1)			Lab File ID: QV935936.D		Analyzed: 06/03/25 14:46			
SURR: 1,2-Dichloroethane-d4	10.0	111	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.7	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.3	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-9 (20252305) (25E1596-01RE1)			Lab File ID: QV935942.D		Analyzed: 06/03/25 17:58			
SURR: 1,2-Dichloroethane-d4	10.0	119	69 - 130	5.655	5.652	0.0030	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	93.3	79 - 122	10.316	10.31533	0.0007	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	7.89	78.9	45 - 161
1,1,1-Trichloroethane	10.0	0.00	7.62	76.2	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	9.37	93.7	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	5.01	50.1 *	70 - 130
1,1,2-Trichloroethane	10.0	0.00	9.33	93.3	70 - 130
1,1-Dichloroethane	10.0	0.00	8.71	87.1	70 - 130
1,1-Dichloroethylene	10.0	0.00	8.13	81.3	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	4.81	48.1 *	70 - 130
1,2,3-Trichloropropane	10.0	0.00	8.75	87.5	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	3.77	37.7 *	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	5.34	53.4 *	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	6.96	69.6	40 - 151
1,2-Dibromoethane	10.0	0.00	8.63	86.3	75 - 125
1,2-Dichlorobenzene	10.0	0.00	6.10	61.0 *	70 - 122
1,2-Dichloroethane	10.0	0.00	9.63	96.3	70 - 130
1,2-Dichloropropane	10.0	0.00	9.20	92.0	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	5.35	53.5 *	69 - 126
1,3-Dichlorobenzene	10.0	0.00	5.12	51.2 *	74 - 119
1,4-Dichlorobenzene	10.0	0.00	5.08	50.8 *	70 - 124
1,4-Dioxane	210	0.00	0.00	*	40 - 160
2-Butanone	10.0	0.00	11.2	112	40 - 160
2-Hexanone	10.0	0.00	9.53	95.3	53 - 133
4-Methyl-2-pentanone	10.0	0.00	7.53	75.3	40 - 150
Acetone	10.0	1.15	9.66	85.1	40 - 149
Acrolein	10.0	0.00	6.47	64.7	10 - 195
Acrylonitrile	10.0	0.00	10.7	107	37 - 165
Benzene	10.0	0.00	8.71	87.1	70 - 130
Bromochloromethane	10.0	0.00	9.42	94.2	75 - 121
Bromodichloromethane	10.0	0.00	8.51	85.1	70 - 129
Bromoform	10.0	0.00	7.89	78.9	70 - 130
Bromomethane	10.0	0.00	4.40	44.0	40 - 158

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	0.00	6.96	69.6	40 - 138
Carbon tetrachloride	10.0	0.00	7.01	70.1 *	71 - 130
Chlorobenzene	10.0	0.00	7.02	70.2 *	81 - 117
Chloroethane	10.0	0.00	7.91	79.1	51 - 145
Chloroform	10.0	0.00	8.62	86.2	80 - 124
Chloromethane	10.0	0.00	6.07	60.7	40 - 160
cis-1,2-Dichloroethylene	10.0	0.00	8.62	86.2	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	7.99	79.9	70 - 130
Cyclohexane	10.0	0.00	3.10	31.0 *	70 - 130
Dibromochloromethane	10.0	0.00	8.49	84.9	71 - 129
Dibromomethane	10.0	0.00	9.11	91.1	76 - 120
Dichlorodifluoromethane	10.0	0.00	3.20	32.0 *	40 - 147
Ethyl Benzene	10.0	0.00	6.42	64.2 *	72 - 128
Hexachlorobutadiene	10.0	0.00	2.95	29.5 *	34 - 166
Isopropylbenzene	10.0	0.00	5.65	56.5 *	70 - 130
Methyl acetate	10.0	0.00	11.3	113	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	9.91	99.1	75 - 128
Methylcyclohexane	10.0	0.00	4.93	49.3 *	70 - 130
Methylene chloride	10.0	0.00	8.99	89.9	70 - 128
n-Butylbenzene	10.0	0.00	4.05	40.5 *	61 - 138
n-Propylbenzene	10.0	0.00	5.12	51.2 *	66 - 134
o-Xylene	10.0	0.00	7.11	71.1	70 - 126
p- & m- Xylenes	20.0	0.00	12.8	64.2 *	70 - 130
p-Isopropyltoluene	10.0	0.00	4.58	45.8 *	64 - 137
sec-Butylbenzene	10.0	0.00	4.94	49.4 *	53 - 155
Styrene	10.0	0.00	7.39	73.9	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	49.2	98.4	10 - 130
tert-Butylbenzene	10.0	0.00	5.02	50.2 *	65 - 139
Tetrachloroethylene	10.0	0.00	4.38	43.8 *	70 - 130
Toluene	10.0	0.00	7.45	74.5 *	76 - 123
trans-1,2-Dichloroethylene	10.0	0.00	7.79	77.9 *	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	8.27	82.7	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
trans-1,4-dichloro-2-butene	10.0	0.00	7.27	72.7	25 - 155
Trichloroethylene	10.0	0.00	6.61	66.1 *	70 - 130
Trichlorofluoromethane	10.0	0.00	5.82	58.2 *	61 - 142
Vinyl Chloride	10.0	0.00	6.75	67.5 *	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.49	94.9	18.4	30	45 - 161
1,1,1-Trichloroethane	10.0	9.73	97.3	24.3 *	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102	8.87	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.69	96.9	63.7 *	20	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	15.1	20	70 - 130
1,1-Dichloroethane	10.0	10.7	107	20.5 *	20	70 - 130
1,1-Dichloroethylene	10.0	11.2	112	31.5 *	20	70 - 130
1,2,3-Trichlorobenzene	10.0	8.00	80.0	49.8 *	20	70 - 130
1,2,3-Trichloropropane	10.0	9.80	98.0	11.3	30	74 - 127
1,2,4-Trichlorobenzene	10.0	7.40	74.0	65.0 *	20	70 - 130
1,2,4-Trimethylbenzene	10.0	8.35	83.5	44.0 *	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	8.91	89.1	24.6 *	20	40 - 151
1,2-Dibromoethane	10.0	10.0	100	14.9	20	75 - 125
1,2-Dichlorobenzene	10.0	8.57	85.7	33.7 *	20	70 - 122
1,2-Dichloroethane	10.0	11.2	112	15.0	20	70 - 130
1,2-Dichloropropane	10.0	10.8	108	16.5	20	77 - 121
1,3,5-Trimethylbenzene	10.0	9.86	98.6	59.3 *	30	69 - 126
1,3-Dichlorobenzene	10.0	8.14	81.4	45.6 *	20	74 - 119
1,4-Dichlorobenzene	10.0	8.01	80.1	44.8 *	20	70 - 124
1,4-Dioxane	210	0.00	*		20	40 - 160
2-Butanone	10.0	11.5	115	2.11	20	40 - 160
2-Hexanone	10.0	10.2	102	7.18	20	53 - 133
4-Methyl-2-pentanone	10.0	8.57	85.7	12.9	20	40 - 150
Acetone	10.0	10.2	91.0	5.93	20	40 - 149
Acrolein	10.0	6.84	68.4	5.56	30	10 - 195
Acrylonitrile	10.0	11.3	113	5.26	30	37 - 165
Benzene	10.0	11.0	110	23.2 *	20	70 - 130
Bromochloromethane	10.0	10.6	106	12.3	20	75 - 121
Bromodichloromethane	10.0	10.0	100	16.4	20	70 - 129
Bromoform	10.0	9.28	92.8	16.2	20	70 - 130
Bromomethane	10.0	6.08	60.8	32.1 *	20	40 - 158
Carbon disulfide	10.0	10.4	104	39.4 *	20	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	10.0	9.83	98.3	33.5 *	20	71 - 130
Chlorobenzene	10.0	9.55	95.5	30.5 *	20	81 - 117
Chloroethane	10.0	9.74	97.4	20.7 *	20	51 - 145
Chloroform	10.0	10.3	103	18.0	20	80 - 124
Chloromethane	10.0	7.83	78.3	25.3 *	20	40 - 160
cis-1,2-Dichloroethylene	10.0	10.4	104	19.2	20	76 - 125
cis-1,3-Dichloropropylene	10.0	9.51	95.1	17.4	20	70 - 130
Cyclohexane	10.0	4.98	49.8 *	46.5 *	20	70 - 130
Dibromochloromethane	10.0	9.81	98.1	14.4	20	71 - 129
Dibromomethane	10.0	10.2	102	11.5	30	76 - 120
Dichlorodifluoromethane	10.0	5.52	55.2	53.2 *	20	40 - 147
Ethyl Benzene	10.0	9.81	98.1	41.8 *	20	72 - 128
Hexachlorobutadiene	10.0	7.24	72.4	84.2 *	30	34 - 166
Isopropylbenzene	10.0	8.51	85.1	40.4 *	20	70 - 130
Methyl acetate	10.0	11.9	119	5.08	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	11.1	20	75 - 128
Methylcyclohexane	10.0	9.76	97.6	65.8 *	20	70 - 130
Methylene chloride	10.0	10.5	105	15.3	20	70 - 128
n-Butylbenzene	10.0	8.27	82.7	68.5 *	30	61 - 138
n-Propylbenzene	10.0	8.69	86.9	51.7 *	30	66 - 134
o-Xylene	10.0	9.92	99.2	33.0 *	20	70 - 126
p- & m- Xylenes	20.0	19.6	98.0	41.7 *	20	70 - 130
p-Isopropyltoluene	10.0	8.21	82.1	56.8 *	30	64 - 137
sec-Butylbenzene	10.0	8.47	84.7	52.6 *	30	53 - 155
Styrene	10.0	10.2	102	32.2 *	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	59.2	118	18.5	30	10 - 130
tert-Butylbenzene	10.0	7.46	74.6	39.1 *	30	65 - 139
Tetrachloroethylene	10.0	8.06	80.6	59.2 *	20	70 - 130
Toluene	10.0	10.0	100	29.4 *	20	76 - 123
trans-1,2-Dichloroethylene	10.0	10.6	106	30.2 *	20	79 - 130
trans-1,3-Dichloropropylene	10.0	9.78	97.8	16.7	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	8.50	85.0	15.6	30	25 - 155
Trichloroethylene	10.0	9.70	97.0	37.9 *	20	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
Trichlorofluoromethane	10.0	8.82	88.2	41.0	*	20	61 - 142
Vinyl Chloride	10.0	9.05	90.5	29.1	*	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.1	101	82 - 126
1,1,1-Trichloroethane	10.0	10.4	104	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	104	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	82 - 123
1,1-Dichloroethane	10.0	10.9	109	82 - 129
1,1-Dichloroethylene	10.0	11.2	112	70 - 130
1,2,3-Trichlorobenzene	10.0	9.18	91.8	76 - 130
1,2,3-Trichloropropane	10.0	10.4	104	77 - 128
1,2,4-Trichlorobenzene	10.0	9.06	90.6	76 - 130
1,2,4-Trimethylbenzene	10.0	11.2	112	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.2	102	45 - 147
1,2-Dibromoethane	10.0	9.46	94.6	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	79 - 123
1,2-Dichloroethane	10.0	10.4	104	73 - 130
1,2-Dichloropropane	10.0	11.1	111	78 - 126
1,3,5-Trimethylbenzene	10.0	13.6	136 *	80 - 131
1,3-Dichlorobenzene	10.0	10.7	107	86 - 122
1,4-Dichlorobenzene	10.0	10.3	103	85 - 124
1,4-Dioxane	210	0.00	*	40 - 160
2-Butanone	10.0	9.35	93.5	49 - 152
2-Hexanone	10.0	8.31	83.1	51 - 146
4-Methyl-2-pentanone	10.0	6.72	67.2	57 - 145
Acetone	10.0	8.24	82.4	40 - 150
Acrolein	10.0	6.16	61.6	10 - 153
Acrylonitrile	10.0	9.43	94.3	51 - 150
Benzene	10.0	11.3	113	85 - 126
Bromochloromethane	10.0	10.2	102	77 - 128
Bromodichloromethane	10.0	10.6	106	79 - 128
Bromoform	10.0	9.18	91.8	78 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.51	65.1	43 - 160
Carbon disulfide	10.0	10.8	108	68 - 146
Carbon tetrachloride	10.0	10.7	107	77 - 130
Chlorobenzene	10.0	10.5	105	88 - 120
Chloroethane	10.0	9.64	96.4	65 - 136
Chloroform	10.0	10.6	106	82 - 128
Chloromethane	10.0	7.79	77.9	43 - 155
cis-1,2-Dichloroethylene	10.0	10.9	109	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 130
Cyclohexane	10.0	5.17	51.7 *	70 - 130
Dibromochloromethane	10.0	9.68	96.8	80 - 130
Dibromomethane	10.0	9.92	99.2	72 - 134
Dichlorodifluoromethane	10.0	5.06	50.6	44 - 144
Ethyl Benzene	10.0	11.1	111	80 - 130
Hexachlorobutadiene	10.0	8.60	86.0	67 - 146
Isopropylbenzene	10.0	11.8	118	76 - 130
Methyl acetate	10.0	9.84	98.4	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	9.51	95.1	76 - 130
Methylcyclohexane	10.0	10.8	108	72 - 130
Methylene chloride	10.0	10.2	102	70 - 130
n-Butylbenzene	10.0	10.9	109	79 - 132
n-Propylbenzene	10.0	11.8	118	78 - 133
o-Xylene	10.0	10.7	107	78 - 130
p- & m- Xylenes	20.0	22.2	111	77 - 130
p-Isopropyltoluene	10.0	11.3	113	81 - 136
sec-Butylbenzene	10.0	11.3	113	79 - 137
Styrene	10.0	11.0	110	70 - 130
tert-Butyl alcohol (TBA)	50.0	41.6	83.2	25 - 162
tert-Butylbenzene	10.0	10.0	100	77 - 138
Tetrachloroethylene	10.0	9.41	94.1	82 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.1	111	80 - 127
trans-1,2-Dichloroethylene	10.0	11.0	110	80 - 130
trans-1,3-Dichloropropylene	10.0	9.97	99.7	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.68	96.8	63 - 141
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	9.28	92.8	67 - 139
Vinyl Chloride	10.0	8.82	88.2	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.95	99.5	1.89	30	82 - 126
1,1,1-Trichloroethane	10.0	9.58	95.8	8.50	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	12.0	120	12.1	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	10.0	9.49	94.9	8.86	20	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	7.78	20	82 - 123
1,1-Dichloroethane	10.0	10.2	102	7.22	20	82 - 129
1,1-Dichloroethylene	10.0	10.2	102	10.1	20	70 - 130
1,2,3-Trichlorobenzene	10.0	10.5	105	13.0	20	76 - 130
1,2,3-Trichloropropane	10.0	11.5	115	10.2	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.68	96.8	6.62	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	8.83	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.8	108	5.98	20	45 - 147
1,2-Dibromoethane	10.0	10.4	104	9.66	20	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	0.576	20	79 - 123
1,2-Dichloroethane	10.0	11.1	111	6.80	20	73 - 130
1,2-Dichloropropane	10.0	10.7	107	4.12	20	78 - 126
1,3,5-Trimethylbenzene	10.0	11.9	119	12.9	30	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	5.59	20	86 - 122
1,4-Dichlorobenzene	10.0	9.82	98.2	4.48	20	85 - 124
1,4-Dioxane	210	0.00	*		20	40 - 160
2-Butanone	10.0	12.6	126	29.2 *	20	49 - 152
2-Hexanone	10.0	10.6	106	24.1 *	20	51 - 146
4-Methyl-2-pentanone	10.0	8.65	86.5	25.1 *	20	57 - 145
Acetone	10.0	10.5	105	23.7 *	20	40 - 150
Acrolein	10.0	7.68	76.8	22.0	30	10 - 153
Acrylonitrile	10.0	12.1	121	24.6	30	51 - 150
Benzene	10.0	10.7	107	5.36	20	85 - 126
Bromochloromethane	10.0	10.7	107	5.26	20	77 - 128
Bromodichloromethane	10.0	10.3	103	2.96	20	79 - 128
Bromoform	10.0	10.0	100	8.85	20	78 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	5.80	58.0	11.5	20	43 - 160
Carbon disulfide	10.0	9.88	98.8	8.43	20	68 - 146
Carbon tetrachloride	10.0	9.91	99.1	8.04	20	77 - 130
Chlorobenzene	10.0	9.75	97.5	7.60	20	88 - 120
Chloroethane	10.0	8.61	86.1	11.3	20	65 - 136
Chloroform	10.0	10.4	104	2.76	20	82 - 128
Chloromethane	10.0	6.60	66.0	16.5	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.5	105	4.30	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.0	100	0.596	20	80 - 130
Cyclohexane	10.0	4.85	48.5 *	6.39	20	70 - 130
Dibromochloromethane	10.0	10.4	104	7.08	20	80 - 130
Dibromomethane	10.0	10.8	108	8.22	30	72 - 134
Dichlorodifluoromethane	10.0	4.52	45.2	11.3	20	44 - 144
Ethyl Benzene	10.0	9.98	99.8	10.5	20	80 - 130
Hexachlorobutadiene	10.0	9.17	91.7	6.42	30	67 - 146
Isopropylbenzene	10.0	10.3	103	13.4	20	76 - 130
Methyl acetate	10.0	12.3	123	22.1 *	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.6	116	19.8	20	76 - 130
Methylcyclohexane	10.0	9.84	98.4	9.49	20	72 - 130
Methylene chloride	10.0	10.2	102	0.196	20	70 - 130
n-Butylbenzene	10.0	10.4	104	4.14	30	79 - 132
n-Propylbenzene	10.0	10.3	103	13.6	30	78 - 133
o-Xylene	10.0	10.1	101	6.15	20	78 - 130
p- & m- Xylenes	20.0	20.0	99.8	10.5	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	8.28	30	81 - 136
sec-Butylbenzene	10.0	10.3	103	9.47	30	79 - 137
Styrene	10.0	10.6	106	3.15	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	69.7	139	50.5 *	30	25 - 162
tert-Butylbenzene	10.0	8.98	89.8	10.7	30	77 - 138
Tetrachloroethylene	10.0	8.30	83.0	12.5	20	82 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.0	100	10.4	20	80 - 127
trans-1,2-Dichloroethylene	10.0	10.2	102	7.47	20	80 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	4.51	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	10.8	108	10.7	30	63 - 141
Trichloroethylene	10.0	9.53	95.3	12.5	20	82 - 128
Trichlorofluoromethane	10.0	8.37	83.7	10.3	20	67 - 139
Vinyl Chloride	10.0	7.58	75.8	15.1	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	10.1	101	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.5	105	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.3	103	54 - 165
1,1,2-Trichloroethane	10.0	10.5	105	82 - 123
1,1-Dichloroethane	10.0	11.0	110	82 - 129
1,1-Dichloroethylene	10.0	11.0	110	68 - 138
1,2,3-Trichlorobenzene	10.0	8.67	86.7	76 - 136
1,2,3-Trichloropropane	10.0	10.6	106	77 - 128
1,2,4-Trichlorobenzene	10.0	8.72	87.2	76 - 137
1,2,4-Trimethylbenzene	10.0	10.6	106	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.13	91.3	45 - 147
1,2-Dibromoethane	10.0	9.51	95.1	83 - 124
1,2-Dichlorobenzene	10.0	10.0	100	79 - 123
1,2-Dichloroethane	10.0	10.8	108	73 - 132
1,2-Dichloropropane	10.0	11.4	114	78 - 126
1,3,5-Trimethylbenzene	10.0	12.6	126	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	86 - 122
1,4-Dichlorobenzene	10.0	9.79	97.9	85 - 124
1,4-Dioxane	210	0.00	*	10 - 349
2-Butanone	10.0	10.2	102	49 - 152
2-Hexanone	10.0	9.18	91.8	51 - 146
4-Methyl-2-pentanone	10.0	7.58	75.8	57 - 145
Acetone	10.0	8.87	88.7	14 - 150
Acrolein	10.0	7.30	73.0	10 - 153
Acrylonitrile	10.0	10.8	108	51 - 150
Benzene	10.0	11.4	114	85 - 126
Bromochloromethane	10.0	10.7	107	77 - 128
Bromodichloromethane	10.0	10.5	105	79 - 128
Bromoform	10.0	8.03	80.3	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.83	68.3	43 - 168
Carbon disulfide	10.0	10.5	105	68 - 146
Carbon tetrachloride	10.0	10.5	105	77 - 141
Chlorobenzene	10.0	10.4	104	88 - 120
Chloroethane	10.0	9.60	96.0	65 - 136
Chloroform	10.0	10.7	107	82 - 128
Chloromethane	10.0	7.44	74.4	43 - 155
cis-1,2-Dichloroethylene	10.0	11.0	110	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 131
Cyclohexane	10.0	5.54	55.4 *	63 - 149
Dibromochloromethane	10.0	9.82	98.2	80 - 130
Dibromomethane	10.0	10.3	103	72 - 134
Dichlorodifluoromethane	10.0	4.64	46.4	44 - 144
Ethyl Benzene	10.0	10.9	109	80 - 131
Hexachlorobutadiene	10.0	8.85	88.5	67 - 146
Isopropylbenzene	10.0	11.0	110	76 - 140
Methyl acetate	10.0	11.3	113	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	10.1	101	76 - 135
Methylcyclohexane	10.0	11.0	110	72 - 143
Methylene chloride	10.0	10.5	105	55 - 137
n-Butylbenzene	10.0	10.6	106	79 - 132
n-Propylbenzene	10.0	11.0	110	78 - 133
o-Xylene	10.0	10.7	107	78 - 130
p- & m- Xylenes	20.0	21.8	109	77 - 133
p-Isopropyltoluene	10.0	10.5	105	81 - 136
sec-Butylbenzene	10.0	10.6	106	79 - 137
Styrene	10.0	10.9	109	67 - 132
tert-Butyl alcohol (TBA)	50.0	47.3	94.6	25 - 162
tert-Butylbenzene	10.0	9.32	93.2	77 - 138
Tetrachloroethylene	10.0	9.26	92.6	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.0	110	80 - 127
trans-1,2-Dichloroethylene	10.0	11.2	112	80 - 132
trans-1,3-Dichloropropylene	10.0	9.98	99.8	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.59	95.9	63 - 141
Trichloroethylene	10.0	10.5	105	82 - 128
Trichlorofluoromethane	10.0	9.00	90.0	67 - 139
Vinyl Chloride	10.0	8.58	85.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.0985	30	82 - 126
1,1,1-Trichloroethane	10.0	9.76	97.6	3.52	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	13.9	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.80	98.0	4.59	30	54 - 165
1,1,2-Trichloroethane	10.0	11.5	115	9.82	30	82 - 123
1,1-Dichloroethane	10.0	10.6	106	4.18	30	82 - 129
1,1-Dichloroethylene	10.0	10.5	105	4.58	30	68 - 138
1,2,3-Trichlorobenzene	10.0	9.95	99.5	13.7	30	76 - 136
1,2,3-Trichloropropane	10.0	11.6	116	9.46	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.89	98.9	12.6	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.5	105	0.857	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.0	110	19.0	30	45 - 147
1,2-Dibromoethane	10.0	10.7	107	11.9	30	83 - 124
1,2-Dichlorobenzene	10.0	10.7	107	6.46	30	79 - 123
1,2-Dichloroethane	10.0	11.6	116	6.34	30	73 - 132
1,2-Dichloropropane	10.0	11.1	111	3.20	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.1	121	3.96	30	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	0.199	30	86 - 122
1,4-Dichlorobenzene	10.0	9.89	98.9	1.02	30	85 - 124
1,4-Dioxane	210	0.00	*		30	10 - 349
2-Butanone	10.0	13.6	136	28.5	30	49 - 152
2-Hexanone	10.0	11.5	115	22.3	30	51 - 146
4-Methyl-2-pentanone	10.0	9.31	93.1	20.5	30	57 - 145
Acetone	10.0	11.1	111	22.3	30	14 - 150
Acrolein	10.0	8.33	83.3	13.2	30	10 - 153
Acrylonitrile	10.0	13.0	130	18.9	30	51 - 150
Benzene	10.0	11.0	110	2.86	30	85 - 126
Bromochloromethane	10.0	11.1	111	4.04	30	77 - 128
Bromodichloromethane	10.0	10.6	106	1.42	30	79 - 128
Bromoform	10.0	10.8	108	29.4	30	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	6.36	63.6	7.13	30	43 - 168
Carbon disulfide	10.0	9.91	99.1	5.59	30	68 - 146
Carbon tetrachloride	10.0	9.86	98.6	6.19	30	77 - 141
Chlorobenzene	10.0	10.0	100	3.72	30	88 - 120
Chloroethane	10.0	9.09	90.9	5.46	30	65 - 136
Chloroform	10.0	10.7	107	0.467	30	82 - 128
Chloromethane	10.0	6.76	67.6	9.58	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.8	108	1.92	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	3.32	30	80 - 131
Cyclohexane	10.0	5.30	53.0 *	4.43	30	63 - 149
Dibromochloromethane	10.0	10.6	106	7.55	30	80 - 130
Dibromomethane	10.0	11.2	112	8.49	30	72 - 134
Dichlorodifluoromethane	10.0	4.36	43.6 *	6.22	30	44 - 144
Ethyl Benzene	10.0	10.4	104	4.31	30	80 - 131
Hexachlorobutadiene	10.0	9.64	96.4	8.55	30	67 - 146
Isopropylbenzene	10.0	10.2	102	6.97	30	76 - 140
Methyl acetate	10.0	12.8	128	12.6	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	11.8	118	15.2	30	76 - 135
Methylcyclohexane	10.0	10.3	103	6.01	30	72 - 143
Methylene chloride	10.0	10.6	106	0.945	30	55 - 137
n-Butylbenzene	10.0	10.6	106	0.283	30	79 - 132
n-Propylbenzene	10.0	10.5	105	4.64	30	78 - 133
o-Xylene	10.0	10.4	104	2.27	30	78 - 130
p- & m- Xylenes	20.0	20.9	104	4.35	30	77 - 133
p-Isopropyltoluene	10.0	10.4	104	0.477	30	81 - 136
sec-Butylbenzene	10.0	10.4	104	1.91	30	79 - 137
Styrene	10.0	11.0	110	0.731	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	69.5	139	38.0 *	30	25 - 162
tert-Butylbenzene	10.0	8.98	89.8	3.72	30	77 - 138
Tetrachloroethylene	10.0	8.51	85.1	8.44	30	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.5	105	4.48	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.5	105	5.81	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.8	108	7.80	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.6	106	10.3	30	63 - 141
Trichloroethylene	10.0	9.81	98.1	7.17	30	82 - 128
Trichlorofluoromethane	10.0	8.43	84.3	6.54	30	67 - 139
Vinyl Chloride	10.0	7.93	79.3	7.87	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BF50193 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20252305)	25E1596-01	QV935922.D	06/02/25 12:00	
MW-10 (20252305)	25E1596-02	QV935923.D	06/02/25 12:00	
MW-11R	25E1596-03	QV935924.D	06/02/25 12:00	
MW-13R	25E1596-04	QV935925.D	06/02/25 12:00	
MW-14	25E1596-05	QV935926.D	06/02/25 12:00	
MW-15	25E1596-06	QV935927.D	06/02/25 12:00	
FB	25E1596-07	QV935921.D	06/02/25 12:00	
TB	25E1596-08	QV935920.D	06/02/25 12:00	
Blank	BF50193-BLK1	QV935914.D	06/02/25 12:00	
LCS	BF50193-BS1	QV935911.D	06/02/25 12:00	
LCS Dup	BF50193-BSD1	QV935912.D	06/02/25 12:00	
MW-14	BF50193-MS1	QV935928.D	06/02/25 12:00	
MW-14	BF50193-MSD1	QV935929.D	06/02/25 12:00	

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BF50204 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20252305)	25E1596-01RE1	QV935942.D	06/02/25 11:00	From BF50193 by AC on 06/03/2025
Blank	BF50204-BLK1	QV935936.D	06/03/25 11:00	
LCS	BF50204-BS1	QV935933.D	06/03/25 11:00	
LCS Dup	BF50204-BSD1	QV935934.D	06/03/25 11:00	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	70 - 130	
SURR: p-Bromofluorobenzene	10.0	9.50	95.0	79 - 122	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	
ISTD: Fluorobenzene	828878	5.972	799213	5.972	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: p-Bromofluorobenzene	10.0	9.83	98.3	79 - 122	
SURR: Toluene-d8	10.0	9.97	99.7	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	
ISTD: Fluorobenzene	767385	5.972	753228	5.975	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935791.D	Injection Date:	05/28/25
Instrument ID:	QVOA9	Injection Time:	17:54
Sequence:	S5E3001	Lab Sample ID:	S5E3001-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0.712	PASS
174	50 - 100% of 95	68	PASS
175	5 - 9% of 174	7.42	PASS
176	95 - 101% of 174	97.9	PASS
177	5 - 9% of 176	6.62	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935909.D	Injection Date:	06/02/25
Instrument ID:	QVOA9	Injection Time:	12:28
Sequence:	S5F0335	Lab Sample ID:	S5F0335-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.39	PASS
173	Less than 2% of 174	0.725	PASS
174	50 - 100% of 95	65	PASS
175	5 - 9% of 174	7.69	PASS
176	95 - 101% of 174	96.7	PASS
177	5 - 9% of 176	6.48	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935931.D	Injection Date:	06/03/25
Instrument ID:	QVOA9	Injection Time:	11:39
Sequence:	S5F0337	Lab Sample ID:	S5F0337-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.28	PASS
173	Less than 2% of 174	0.548	PASS
174	50 - 100% of 95	66.6	PASS
175	5 - 9% of 174	7.5	PASS
176	95 - 101% of 174	97.6	PASS
177	5 - 9% of 176	6.5	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Sequence:	S5E3001	Instrument:	QVOA9
		Calibration:	SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5E3001-TUN1	QV935791.D	05/28/25 17:54
Cal Standard	S5E3001-CAL1	QV935792.D	05/28/25 18:19
Cal Standard	S5E3001-CAL2	QV935793.D	05/28/25 18:43
Cal Standard	S5E3001-CAL3	QV935794.D	05/28/25 19:07
Cal Standard	S5E3001-CAL4	QV935795.D	05/28/25 19:32
Cal Standard	S5E3001-CAL5	QV935796.D	05/28/25 19:56
Cal Standard	S5E3001-CAL6	QV935797.D	05/28/25 20:20
Cal Standard	S5E3001-CAL7	QV935799.D	05/28/25 21:09
Cal Standard	S5E3001-CAL8	QV935801.D	05/28/25 21:57
Cal Standard	S5E3001-CAL9	QV935803.D	05/28/25 22:45
Secondary Cal Check	S5E3001-SCV1	QV935807.D	05/29/25 00:22

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5F0335-TUN1	QV935909.D	06/02/25 12:28
Calibration Check	S5F0335-CCV1	QV935910.D	06/02/25 12:52
LCS	BF50193-BS1	QV935911.D	06/02/25 14:23
LCS Dup	BF50193-BSD1	QV935912.D	06/02/25 14:47
Blank	BF50193-BLK1	QV935914.D	06/02/25 16:51
TB	25E1596-08	QV935920.D	06/02/25 19:38
FB	25E1596-07	QV935921.D	06/02/25 20:03
MW-9 (20252305)	25E1596-01	QV935922.D	06/02/25 20:28
MW-10 (20252305)	25E1596-02	QV935923.D	06/02/25 20:52
MW-11R	25E1596-03	QV935924.D	06/02/25 21:17
MW-13R	25E1596-04	QV935925.D	06/02/25 21:42
MW-14	25E1596-05	QV935926.D	06/02/25 22:06
MW-15	25E1596-06	QV935927.D	06/02/25 22:31
MW-14	BF50193-MS1	QV935928.D	06/02/25 22:56
MW-14	BF50193-MSD1	QV935929.D	06/02/25 23:20

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Sequence:	S5F0337	Instrument:	QVOA9
		Calibration:	SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5F0337-TUN1	QV935931.D	06/03/25 11:39
Calibration Check	S5F0337-CCV1	QV935932.D	06/03/25 12:03
LCS	BF50204-BS1	QV935933.D	06/03/25 12:42
LCS Dup	BF50204-BSD1	QV935934.D	06/03/25 13:07
Blank	BF50204-BLK1	QV935936.D	06/03/25 14:46
MW-9 (20252305)	25E1596-01RE1	QV935942.D	06/03/25 17:58

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596
Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5E3001 Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5E3001-CAL1)			Lab File ID: QV935792.D			Analyzed: 05/28/25 18:19			
ISTD: Fluorobenzene	950863	5.972	973024	5.975	98	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	612616	9.032	645731	9.032	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	120293	12.025	125023	12.025	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL2)			Lab File ID: QV935793.D			Analyzed: 05/28/25 18:43			
ISTD: Fluorobenzene	964295	5.972	973024	5.975	99	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	617737	9.032	645731	9.032	96	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	120014	12.025	125023	12.025	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL3)			Lab File ID: QV935794.D			Analyzed: 05/28/25 19:07			
ISTD: Fluorobenzene	939004	5.972	973024	5.975	97	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	620244	9.032	645731	9.032	96	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	119190	12.025	125023	12.025	95	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL4)			Lab File ID: QV935795.D			Analyzed: 05/28/25 19:32			
ISTD: Fluorobenzene	973024	5.975	973024	5.975	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	645731	9.032	645731	9.032	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	125023	12.025	125023	12.025	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL5)			Lab File ID: QV935796.D			Analyzed: 05/28/25 19:56			
ISTD: Fluorobenzene	985795	5.975	973024	5.975	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	661480	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	127434	12.025	125023	12.025	102	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL6)			Lab File ID: QV935797.D			Analyzed: 05/28/25 20:20			
ISTD: Fluorobenzene	997278	5.972	973024	5.975	102	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	670255	9.032	645731	9.032	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	130876	12.025	125023	12.025	105	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL7)			Lab File ID: QV935799.D			Analyzed: 05/28/25 21:09			
ISTD: Fluorobenzene	979213	5.975	973024	5.975	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	656982	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121096	12.025	125023	12.025	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL8)			Lab File ID: QV935801.D			Analyzed: 05/28/25 21:57			
ISTD: Fluorobenzene	1008766	5.975	973024	5.975	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	658772	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	119159	12.025	125023	12.025	95	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL9)			Lab File ID: QV935803.D			Analyzed: 05/28/25 22:45			
ISTD: Fluorobenzene	1035115	5.975	973024	5.975	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	654800	9.032	645731	9.032	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	114910	12.025	125023	12.025	92	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5E3001
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Secondary Cal Check (S5E3001-SCV1)			Lab File ID: QV935807.D			Analyzed: 05/29/25 00:22			
ISTD: Fluorobenzene	991600	5.975	973024	5.975	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	640016	9.032	645731	9.032	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121225	12.025	125023	12.025	97	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596
Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335 Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0335-CCV1)			Lab File ID: QV935910.D			Analyzed: 06/02/25 12:52			
ISTD: Fluorobenzene	799213	5.972				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	543819	9.029				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	107401	12.022				50 - 200		+/-0.50	
LCS (BF50193-BS1)			Lab File ID: QV935911.D			Analyzed: 06/02/25 14:23			
ISTD: Fluorobenzene	838786	5.972	799213	5.972	105	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	543369	9.029	543819	9.029	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96689	12.022	107401	12.022	90	50 - 200	0.0000	+/-0.50	
LCS Dup (BF50193-BSD1)			Lab File ID: QV935912.D			Analyzed: 06/02/25 14:47			
ISTD: Fluorobenzene	879504	5.975	799213	5.972	110	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	600838	9.029	543819	9.029	110	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	112605	12.022	107401	12.022	105	50 - 200	0.0000	+/-0.50	
Blank (BF50193-BLK1)			Lab File ID: QV935914.D			Analyzed: 06/02/25 16:51			
ISTD: Fluorobenzene	828878	5.972	799213	5.972	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	100	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	101	50 - 200	0.0030	+/-0.50	
TB (25E1596-08)			Lab File ID: QV935920.D			Analyzed: 06/02/25 19:38			
ISTD: Fluorobenzene	792475	5.972	799213	5.972	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	495150	9.032	543819	9.029	91	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	90170	12.025	107401	12.022	84	50 - 200	0.0030	+/-0.50	
FB (25E1596-07)			Lab File ID: QV935921.D			Analyzed: 06/02/25 20:03			
ISTD: Fluorobenzene	766298	5.975	799213	5.972	96	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	498816	9.032	543819	9.029	92	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	100703	12.025	107401	12.022	94	50 - 200	0.0030	+/-0.50	
MW-9 (20252305) (25E1596-01)			Lab File ID: QV935922.D			Analyzed: 06/02/25 20:28			
ISTD: Fluorobenzene	750983	5.975	799213	5.972	94	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	479959	9.032	543819	9.029	88	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	97276	12.022	107401	12.022	91	50 - 200	0.0000	+/-0.50	
MW-10 (20252305) (25E1596-02)			Lab File ID: QV935923.D			Analyzed: 06/02/25 20:52			
ISTD: Fluorobenzene	717559	5.975	799213	5.972	90	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	467257	9.032	543819	9.029	86	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	95582	12.025	107401	12.022	89	50 - 200	0.0030	+/-0.50	
MW-11R (25E1596-03)			Lab File ID: QV935924.D			Analyzed: 06/02/25 21:17			
ISTD: Fluorobenzene	728643	5.975	799213	5.972	91	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	471282	9.032	543819	9.029	87	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	98648	12.025	107401	12.022	92	50 - 200	0.0030	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5F0335

SDG: 25E1596
Project: 230051 - 170 Freeman Street, Brooklyn
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-13R (25E1596-04)			Lab File ID: QV935925.D			Analyzed: 06/02/25 21:42			
ISTD: Fluorobenzene	710703	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	460855	9.032	543819	9.029	85	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	95907	12.022	107401	12.022	89	50 - 200	0.0000	+/-0.50	
MW-14 (25E1596-05)			Lab File ID: QV935926.D			Analyzed: 06/02/25 22:06			
ISTD: Fluorobenzene	697542	5.975	799213	5.972	87	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	457866	9.032	543819	9.029	84	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96310	12.025	107401	12.022	90	50 - 200	0.0030	+/-0.50	
MW-15 (25E1596-06)			Lab File ID: QV935927.D			Analyzed: 06/02/25 22:31			
ISTD: Fluorobenzene	694460	5.975	799213	5.972	87	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	448102	9.032	543819	9.029	82	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	89998	12.025	107401	12.022	84	50 - 200	0.0030	+/-0.50	
Matrix Spike (BF50193-MS1)			Lab File ID: QV935928.D			Analyzed: 06/02/25 22:56			
ISTD: Fluorobenzene	711367	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	478582	9.032	543819	9.029	88	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	101560	12.022	107401	12.022	95	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (BF50193-MSD1)			Lab File ID: QV935929.D			Analyzed: 06/02/25 23:20			
ISTD: Fluorobenzene	713881	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	483743	9.032	543819	9.029	89	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	106090	12.025	107401	12.022	99	50 - 200	0.0030	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5F0337

SDG: 25E1596
Project: 230051 - 170 Freeman Street, Brooklyn
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0337-CCV1)			Lab File ID: QV935932.D			Analyzed: 06/03/25 12:03			
ISTD: Fluorobenzene	753228	5.975				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	517071	9.032				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	111735	12.022				50 - 200		+/-0.50	
LCS (BF50204-BS1)			Lab File ID: QV935933.D			Analyzed: 06/03/25 12:42			
ISTD: Fluorobenzene	774301	5.972	753228	5.975	103	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	509979	9.032	517071	9.032	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96691	12.022	111735	12.022	87	50 - 200	0.0000	+/-0.50	
LCS Dup (BF50204-BSD1)			Lab File ID: QV935934.D			Analyzed: 06/03/25 13:07			
ISTD: Fluorobenzene	793420	5.972	753228	5.975	105	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	537688	9.032	517071	9.032	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	103849	12.025	111735	12.022	93	50 - 200	0.0030	+/-0.50	
Blank (BF50204-BLK1)			Lab File ID: QV935936.D			Analyzed: 06/03/25 14:46			
ISTD: Fluorobenzene	767385	5.972	753228	5.975	102	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	87	50 - 200	0.0030	+/-0.50	
MW-9 (20252305) (25E1596-01RE1)			Lab File ID: QV935942.D			Analyzed: 06/03/25 17:58			
ISTD: Fluorobenzene	684172	5.975	753228	5.975	91	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	452868	9.032	517071	9.032	88	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	92843	12.022	111735	12.022	83	50 - 200	0.0000	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-9 (20252305)	05/23/25 12:21	05/23/25 19:00	06/02/25 12:00	9.99	14.00	06/02/25 20:28	10.34	14.00	
MW-9 (20252305)	05/23/25 12:21	05/23/25 19:00	06/02/25 11:00	9.94	14.00	06/03/25 17:58	11.23	14.00	
MW-10 (20252305)	05/23/25 11:42	05/23/25 19:00	06/02/25 12:00	10.01	14.00	06/02/25 20:52	10.38	14.00	
MW-11R	05/23/25 13:00	05/23/25 19:00	06/02/25 12:00	9.96	14.00	06/02/25 21:17	10.35	14.00	
MW-13R	05/23/25 09:37	05/23/25 19:00	06/02/25 12:00	10.10	14.00	06/02/25 21:42	10.50	14.00	
MW-14	05/23/25 10:15	05/23/25 19:00	06/02/25 12:00	10.07	14.00	06/02/25 22:06	10.49	14.00	
MW-15	05/23/25 11:05	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 22:31	10.48	14.00	
FB	05/23/25 11:02	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 20:03	10.38	14.00	
TB	05/23/25 11:02	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 19:38	10.36	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Matrix: Water **Instrument:** QVOA9

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
1,4-Dioxane	35.3	80.0	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Matrix: Water **Instrument:** QVOA9

Analyte	LOD	LOQ	Units
Chloromethane	0.372	0.500	ug/L
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.5	0.2229129	2	0.2050468	4	0.216431	10	0.2103585	20	0.2090819	40	0.2054285
1,1,1-Trichloroethane	0.5	0.3523536	2	0.3194717	4	0.3545406	10	0.3285592	20	0.3422344	40	0.3326003
1,1,2,2-Tetrachloroethane	0.5	0.5918881	2	0.5134401	4	0.5437537	10	0.5041392	20	0.495943	40	0.4982751
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	0.5	0.2193586	2	0.1931826	4	0.2116924	10	0.1935142	20	0.1904772	40	0.1840349
1,1,2-Trichloroethane	0.5	0.144593	2	0.1351951	4	0.1388365	10	0.1310468	20	0.1289661	40	0.1291766
1,1-Dichloroethane	0.5	0.3845139	2	0.3591847	4	0.3934595	10	0.3661349	20	0.3705948	40	0.3574044
1,1-Dichloroethylene	0.5	0.31809	2	0.291109	4	0.320997	10	0.2956176	20	0.2923833	40	0.2756774
1,1-Dichloropropylene	0.5	0.2595537	2	0.2489902	4	0.2781697	10	0.2601005	20	0.26241	40	0.2535953
1,2,3-Trichlorobenzene	0.5	0.4096664	2	0.340377	4	0.3541404	10	0.3436088	20	0.3547758	40	0.3570288
1,2,3-Trichloropropane	0.5	0.1852144	2	0.1555235	4	0.1609825	10	0.1540916	20	0.155092	40	0.1579644
1,2,3-Trimethylbenzene	0.5	5.482447	2	4.11102	4	4.216713	10	3.95384	20	3.892026	40	3.725672
1,2,4,5-Tetramethylbenzene	0.5	3.114728	2	2.669855	4	2.852064	10	2.778921	20	2.846434	40	2.776705
1,2,4-Trichlorobenzene	0.5	0.6000349	2	0.5060243	4	0.525904	10	0.5147293	20	0.5424298	40	0.5398278
1,2,4-Trimethylbenzene	0.5	4.625706	2	4.051569	4	4.313764	10	4.174608	20	4.242459	40	4.052301
1,2-Dibromo-3-chloropropane	0.5	4.755056E-02	2	0.1008216	4	0.0980787	10	9.181511E-02	20	8.856742E-02	40	8.865071E-02
1,2-Dibromoethane	0.5	0.1212505	2	0.114879	4	0.1177682	10	0.1122759	20	0.1115113	40	0.113888
1,2-Dichlorobenzene	0.5	1.529765	2	1.363841	4	1.406746	10	1.380522	20	1.357401	40	1.332341
1,2-Dichloroethane	0.5	0.1899748	2	0.185016	4	0.1963357	10	0.1870242	20	0.1876343	40	0.188191
1,2-Dichloropropane	0.5	0.2685532	2	0.2618428	4	0.2769837	10	0.2604103	20	0.2577629	40	0.2507769
1,3,5-Trimethylbenzene	0.5	5.22042	2	4.542428	4	4.950164	10	4.730658	20	4.700115	40	4.464587
1,3-Dichlorobenzene	0.5	2.056978	2	1.750587	4	1.844534	10	1.791006	20	1.790056	40	1.714484
1,3-Dichloropropane	0.5	0.2546457	2	0.2309721	4	0.2423683	10	0.233351	20	0.2284937	40	0.2302135
1,4-Dichlorobenzene	0.5	2.019569	2	1.717508	4	1.855021	10	1.743511	20	1.716842	40	1.698384
1,4-Dioxane	10		40		80		200		400		800	
2,2-Dichloropropane	0.5	0.326272	2	0.3110407	4	0.3375332	10	0.3112462	20	0.318728	40	0.3082425
2-Butanone	0.5	0.0252192	2	2.027906E-02	4	2.591842E-02	10	2.559546E-02	20	2.165917E-02	40	1.991747E-02
2-Chloroethylvinyl ether	0.5		2		4		10		20		40	
2-Chlorotoluene	0.5	1.366497	2	1.223441	4	1.333648	10	1.257249	20	1.260484	40	1.214613
2-Hexanone	0.5	7.606723E-02	2	5.642369E-02	4	5.513959E-02	10	5.495322E-02	20	4.981783E-02	40	4.766358E-02
4-Chlorotoluene	0.5	1.298164	2	1.188986	4	1.276932	10	1.199363	20	1.224724	40	1.179806
4-Methyl-2-pentanone	0.5	0.1192917	2	0.1048019	4	0.1064944	10	0.1024095	20	9.860616E-02	40	0.1005144

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Acetone	0.5	4.341319E-02	2	2.304793E-02	4	2.711916E-02	10	2.750189E-02	20	2.320006E-02	40	1.832889E-02
Acrolein	0.5	9.654388E-03	2	1.665465E-02	4	1.553242E-02	10	1.646516E-02	20	1.606013E-02	40	0.0169168
Acrylonitrile	0.5	1.846743E-02	2	2.123831E-02	4	2.286199E-02	10	2.034071E-02	20	1.968158E-02	40	2.100718E-02
Allyl chloride	0.5	0.3631859	2	0.3249991	4	0.3605416	10	0.3340401	20	0.3312874	40	0.3071157
Benzene	0.5	0.7951724	2	0.7250426	4	0.7898369	10	0.7289553	20	0.7391283	40	0.7126055
Bromobenzene	0.5	2.093555	2	1.866699	4	2.002035	10	1.883805	20	1.871647	40	1.88526
Bromochloromethane	0.5	0.1460989	2	0.1363483	4	0.1483221	10	0.1355414	20	0.1337104	40	0.1289686
Bromodichloromethane	0.5	0.3215391	2	0.3119451	4	0.3383588	10	0.3205468	20	0.3161585	40	0.3168264
Bromoform	0.5	4.511799E-02	2	5.435161E-02	4	6.039156E-02	10	6.053759E-02	20	6.025655E-02	40	6.502674E-02
Bromomethane	0.5	0.3108334	2	0.1316454	4	0.1166582	10	0.1047744	20	0.1046876	40	0.1046754
Carbon disulfide	0.5	0.5911682	2	0.4721273	4	0.5015554	10	0.4504514	20	0.4553477	40	0.423493
Carbon tetrachloride	0.5	0.2852777	2	0.2686885	4	0.296274	10	0.275095	20	0.2841331	40	0.2771379
Chlorobenzene	0.5	0.7147055	2	0.6386779	4	0.6861775	10	0.6452331	20	0.6489115	40	0.640448
Chlorodifluoromethane (Freon 22)	0.5		2		4		10		20		40	
Chloroethane	0.5	0.491911	2	0.2051188	4	0.1810908	10	0.1548204	20	0.1515087	40	0.139604
Chloroform	0.5	0.3464221	2	0.3273428	4	0.3501103	10	0.3344645	20	0.3362367	40	0.3290484
Chloromethane	0.5	0.7355844	2	0.2953816	4	0.2647619	10	0.2190861	20	0.2174494	40	0.2047135
cis-1,2-Dichloroethylene	0.5	0.3439612	2	0.3061408	4	0.3401663	10	0.3213251	20	0.320276	40	0.3077986
cis-1,3-Dichloropropylene	0.5	0.362968	2	0.3501895	4	0.3817006	10	0.3634021	20	0.3586957	40	0.3577892
cis-decahydronaphthalene	0.5		2		4		10		20		40	
Cyclohexane	0.5	0.9847055	2	0.9025765	4	1.000629	10	0.9076898	20	0.9170948	40	0.8683715
Dibromochloromethane	0.5	0.1520365	2	0.1493354	4	0.1600338	10	0.1537142	20	0.1568044	40	0.1573177
Dibromomethane	0.5	9.470859E-02	2	9.249891E-02	4	0.0980864	10	9.218699E-02	20	9.123707E-02	40	9.161177E-02
Dichlorodifluoromethane	0.5	0.4230683	2	0.2473465	4	0.2462849	10	0.2145425	20	0.2135479	40	0.2008251
Diisopropyl ether (DIPE)	0.5	0.5916099	2	0.5599013	4	0.6066215	10	0.585151	20	0.5950294	40	0.5878145
Ethanol	25	1.483284E-03	100	1.448519E-03	200	1.541207E-03	500	1.460272E-03	1000	1.461825E-03	2000	1.476464E-03
Ethyl Benzene	0.5	2.181269	2	1.885697	4	2.029056	10	1.893841	20	1.911607	40	1.827224
Ethyl Ether	0.5		2		4		10		20		40	
Ethyl Methacrylate	0.5	0.1429607	2	0.1238877	4	0.1309122	10	0.1226517	20	0.1216809	40	0.1268789
Ethyl tert-butyl ether (ETBE)	0.5	0.4571216	2	0.4285203	4	0.4663638	10	0.4513034	20	0.4559569	40	0.4657716
Hexachlorobutadiene	0.5	0.2690098	2	0.2335144	4	0.2604036	10	0.2474185	20	0.2674757	40	0.2564813

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Hexachloroethane	0.5	0.7100995	2	0.6126785	4	0.6750147	10	0.6702447	20	0.6995543	40	0.6930377
Iodomethane	0.5	0.8276271	2	0.337319	4	0.2919237	10	0.2306233	20	0.2221527	40	0.196836
Isopropylbenzene	0.5	6.483337	2	5.704876	4	6.228983	10	5.865385	20	5.940836	40	5.686472
Limonene	0.5		2		4		10		20		40	
Methyl acetate	0.5	3.668247E-02	2	4.098331E-02	4	4.562281E-02	10	4.322607E-02	20	4.317023E-02	40	4.348963E-02
Methyl Methacrylate	0.5	0.0271622	2	3.029606E-02	4	2.916594E-02	10	2.797295E-02	20	2.751935E-02	40	2.810087E-02
Methyl tert-butyl ether (MTBE)	0.5	0.2877176	2	0.2750766	4	0.3020195	10	0.2855839	20	0.2863952	40	0.293631
Methylcyclohexane	0.5	0.6114434	2	0.5552363	4	0.5983008	10	0.5396318	20	0.531521	40	0.5171114
Methylene chloride	0.5	0.2816179	2	0.2476991	4	0.2664499	10	0.2438871	20	0.2400824	40	0.2329679
Naphthalene	0.5	1.366331	2	1.003383	4	1.036559	10	1.002144	20	1.010543	40	1.014428
n-butyl acetate	0.5		2		4		10		20		40	
n-Butylbenzene	0.5	4.690547	2	3.988076	4	4.345331	10	4.220064	20	4.29077	40	4.201454
n-Decane	0.5		2		4		10		20		40	
n-Hexane	0.5		2		4		10		20		40	
Nitrobenzene	0.5	0.3172254	2	0.2272235	4	0.2463713	10	0.2454268	20	0.2495056	40	0.2455187
n-Nonane	0.5		2		4		10		20		40	
n-octane	0.5		2		4		10		20		40	
n-Propylbenzene	0.5	7.307325	2	6.385005	4	7.03205	10	6.653144	20	6.750942	40	6.512785
n-undecane	0.5		2		4		10		20		40	
o-Xylene	0.5	1.038889	2	0.9263651	4	0.9861361	10	0.9273815	20	0.9249569	40	0.8940858
p- & m- Xylenes	1	1.090634	4	0.9428487	8	1.014528	20	0.9469206	40	0.9558033	80	0.9136122
p-Diethylbenzene	0.5	2.403465	2	2.173996	4	2.352043	10	2.279373	20	2.316164	40	2.257026
p-Ethyltoluene	0.5	5.22042	2	4.542428	4	4.950164	10	4.730658	20	4.700115	40	4.464587
p-Isopropyltoluene	0.5	4.804436	2	4.177054	4	4.523009	10	4.344993	20	4.35086	40	4.20639
sec-Butylbenzene	0.5	5.759437	2	5.092906	4	5.455743	10	5.317462	20	5.448464	40	5.18656
Styrene	0.5	0.6722645	2	0.595229	4	0.6437467	10	0.6269732	20	0.6176491	40	0.6096553
SURR: 1,2-Dichloroethane-d4	10	0.1766332	10	0.176418	10	0.1822005	10	0.1769586	10	0.1781253	10	0.1817698
SURR: p-Bromofluorobenzene	10	2.129908	10	2.167364	10	2.148133	10	2.200267	10	2.230166	10	2.240059
SURR: Toluene-d8	10	1.459025	10	1.460257	10	1.437494	10	1.437696	10	1.4223	10	1.431398
tert-Amyl alcohol (TAA)	5	1.203118E-03	20	2.361829E-03	40	6.842356E-05	100	1.756483E-03	200	1.995141E-03	400	2.043939E-03

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Amyl methyl ether (TAME)	0.5	0.2892741	2	0.2701041	4	0.2997485	10	0.286923	20	0.2906832	40	0.307118
tert-Butyl alcohol (TBA)	0.5	4.77461E-03	2	1.794057E-03	4	2.710319E-03	10	3.523037E-03	20	3.39878E-03	40	3.725892E-03
tert-Butylbenzene	0.5	4.552717	2	4.18772	4	4.453834	10	4.172896	20	4.2646	40	4.138862
Tetrachloroethylene	0.5	0.3243141	2	0.289484	4	0.3184271	10	0.294841	20	0.3047235	40	0.2927688
Tetrahydrofuran	0.5	1.638512E-02	2	1.167174E-02	4	1.360218E-02	10	1.286813E-02	20	1.308842E-02	40	0.0130786
Toluene	0.5	1.322133	2	1.162558	4	1.218924	10	1.142075	20	1.12947	40	1.093273
trans-1,2-Dichloroethylene	0.5	0.304271	2	0.2847987	4	0.309823	10	0.2875222	20	0.2931827	40	0.2756195
trans-1,3-Dichloropropylene	0.5	0.2701856	2	0.2475568	4	0.265327	10	0.2546633	20	0.254824	40	0.2624076
trans-1,4-dichloro-2-butene	0.5	3.907127E-02	2	5.403536E-02	4	6.072238E-02	10	6.613183E-02	20	6.861983E-02	40	7.555434E-02
trans-decahydronaphthalene	0.5		2		4		10		20		40	
Trichloroethylene	0.5	0.3336837	2	0.2978695	4	0.3249769	10	0.295778	20	0.2974187	40	0.290184
Trichlorofluoromethane	0.5	0.9244444	2	0.4520608	4	0.4166968	10	0.3525062	20	0.3481282	40	0.3254263
Vinyl acetate	0.5	0.1898276	2	0.1689058	4	0.1861121	10	0.1786513	20	0.17705	40	0.1801945
Vinyl Chloride	0.5	0.6369372	2	0.2695804	4	0.2472806	10	0.2048583	20	0.2012462	40	0.1862996

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	80	0.2060519	120	0.1986046	160	0.1902382						
1,1,1-Trichloroethane	80	0.3410286	120	0.3343196	160	0.3212845						
1,1,2,2-Tetrachloroethane	80	0.5364205	120	0.5386158	160	0.5350666						
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	80	0.1864496	120	0.1765573	160	0.1683045						
1,1,2-Trichloroethane	80	0.1330668	120	0.1314687	160	0.1278291						
1,1-Dichloroethane	80	0.3499656	120	0.3265576	160	0.3081251						
1,1-Dichloroethylene	80	0.2779548	120	0.2603269	160	0.2459294						
1,1-Dichloropropylene	80	0.2543466	120	0.2403558	160	0.2259097						
1,2,3-Trichlorobenzene	80	0.398213	120	0.4073542	160	0.4089456						
1,2,3-Trichloropropane	80	0.1688443	120	0.1703991	160	0.1702506						
1,2,3-Trimethylbenzene	80	3.880681	120	3.87597	160	3.917042						
1,2,4,5-Tetramethylbenzene	80	2.977886	120	3.00605	160	3.059897						
1,2,4-Trichlorobenzene	80	0.5883421	120	0.605497	160	0.6208288						
1,2,4-Trimethylbenzene	80	4.259302	120	4.185564	160	4.211677						
1,2-Dibromo-3-chloropropane	80	0.0947234	120	9.633976E-02	160	9.722446E-02						
1,2-Dibromoethane	80	0.1189869	120	0.11776	160	0.1151716						
1,2-Dichlorobenzene	80	1.373069	120	1.348808	160	1.352542						
1,2-Dichloroethane	80	0.1951667	120	0.1897717	160	0.1823102						
1,2-Dichloropropane	80	0.244313	120	0.239775	160	0.232641						
1,3,5-Trimethylbenzene	80	4.675393	120	4.507328	160	4.508421						
1,3-Dichlorobenzene	80	1.765666	120	1.734256	160	1.727556						
1,3-Dichloropropane	80	0.2370735	120	0.2328541	160	0.227078						
1,4-Dichlorobenzene	80	1.768979	120	1.765352	160	1.784217						
1,4-Dioxane	1600		2400		3200							
2,2-Dichloropropane	80	0.3153153	120	0.3001196	160	0.2798309						
2-Butanone	80	1.952257E-02	120	1.955665E-02	160	1.928578E-02						
2-Chloroethylvinyl ether	80		120		160							
2-Chlorotoluene	80	1.241868	120	1.228043	160	1.223323						
2-Hexanone	80	4.869045E-02	120	0.0492086	160	4.987277E-02						
4-Chlorotoluene	80	1.193064	120	1.178804	160	1.170073						
4-Methyl-2-pentanone	80	0.1063867	120	0.1082857	160	0.1072101						

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Acetone	80	1.711604E-02	120	1.576563E-02	160	1.515049E-02						
Acrolein	80	1.772457E-02	120	1.763979E-02	160	1.776246E-02						
Acrylonitrile	80	2.191913E-02	120	2.161833E-02	160	2.116111E-02						
Allyl chloride	80	0.3004478	120	0.2797182	160	0.2620392						
Benzene	80	0.7100474	120	0.6679855	160	0.632216						
Bromobenzene	80	1.968395	120	1.960079	160	1.959056						
Bromochloromethane	80	0.1300801	120	0.1234193	160	0.1183371						
Bromodichloromethane	80	0.3265788	120	0.3295246	160	0.3272696						
Bromoform	80	6.656252E-02	120	6.745075E-02	160	6.532481E-02						
Bromomethane	80	0.1122718	120	0.1126868	160	0.1125743						
Carbon disulfide	80	0.4410149	120	0.4167701	160	0.3996682						
Carbon tetrachloride	80	0.2841577	120	0.2751943	160	0.260361						
Chlorobenzene	80	0.6428312	120	0.6207981	160	0.6005084						
Chlorodifluoromethane (Freon 22)	80		120		160							
Chloroethane	80	0.1416179	120	0.1328168	160	0.1268164						
Chloroform	80	0.3363452	120	0.3234908	160	0.3047619						
Chloromethane	80	0.2073132	120	0.1986758	160	0.2012528						
cis-1,2-Dichloroethylene	80	0.3040133	120	0.2852663	160	0.2696345						
cis-1,3-Dichloropropylene	80	0.3726529	120	0.3677977	160	0.3606576						
cis-decahydronaphthalene	80		120		160							
Cyclohexane	80	0.8621578	120	0.799603	160	0.7402191						
Dibromochloromethane	80	0.1648152	120	0.163999	160	0.1616543						
Dibromomethane	80	9.571153E-02	120	9.446642E-02	160	9.115226E-02						
Dichlorodifluoromethane	80	0.2119889	120	0.2017088	160	0.1918085						
Diisopropyl ether (DIPE)	80	0.6003376	120	0.5801415	160	0.5436267						
Ethanol	4000	1.545969E-03	6000	1.497483E-03	8000	1.434711E-03						
Ethyl Benzene	80	1.769446	120	1.653731	160	1.558956						
Ethyl Ether	80		120		160							
Ethyl Methacrylate	80	0.1347415	120	0.1357044	160	0.1364692						
Ethyl tert-butyl ether (ETBE)	80	0.4906958	120	0.4761315	160	0.4549278						
Hexachlorobutadiene	80	0.2895368	120	0.3065666	160	0.325941						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Hexachloroethane	80	0.7453415	120	0.7582614	160	0.7744659						
Iodomethane	80	0.1944606	120	0.1778662	160	0.1667915						
Isopropylbenzene	80	5.85615	120	5.659686	160	5.604424						
Limonene	80		120		160							
Methyl acetate	80	4.569728E-02	120	4.428158E-02	160	4.340961E-02						
Methyl Methacrylate	80	2.889976E-02	120	2.926114E-02	160	2.941671E-02						
Methyl tert-butyl ether (MTBE)	80	0.3057942	120	0.2950557	160	0.2808993						
Methylcyclohexane	80	0.5102832	120	0.4901278	160	0.4744637						
Methylene chloride	80	0.2363166	120	0.2261272	160	0.2166589						
Naphthalene	80	1.106336	120	1.135883	160	1.140536						
n-butyl acetate	80		120		160							
n-Butylbenzene	80	4.344832	120	4.341188	160	4.33792						
n-Decane	80		120		160							
n-Hexane	80		120		160							
Nitrobenzene	80	0.2623229	120	0.2677375	160	0.2711214						
n-Nonane	80		120		160							
n-octane	80		120		160							
n-Propylbenzene	80	6.618204	120	6.527195	160	6.346081						
n-undecane	80		120		160							
o-Xylene	80	0.8703695	120	0.8188039	160	0.7840199						
p- & m- Xylenes	160	0.8847231	240	0.8268655	320	0.779478						
p-Diethylbenzene	80	2.360679	120	2.350944	160	2.365884						
p-Ethyltoluene	80	4.675393	120	4.507328	160	4.508421						
p-Isopropyltoluene	80	4.369045	120	4.335726	160	4.36999						
sec-Butylbenzene	80	5.340763	120	5.310319	160	5.270511						
Styrene	80	0.5922835	120	0.5593363	160	0.5363978						
SURR: 1,2-Dichloroethane-d4	10	0.1816479	10	0.1828918	10	0.1759747						
SURR: p-Bromofluorobenzene	10	2.285459	10	2.334712	10	2.400809						
SURR: Toluene-d8	10	1.43644	10	1.451999	10	1.480139						
tert-Amyl alcohol (TAA)	800	1.777741E-03	1200	1.720146E-03	1600	1.630151E-03						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Amyl methyl ether (TAME)	80	0.3295966	120	0.3254062	160	0.3126904						
tert-Butyl alcohol (TBA)	80	3.762843E-03	120	4.20109E-03	160	4.355555E-03						
tert-Butylbenzene	80	4.231728	120	4.150515	160	4.176942						
Tetrachloroethylene	80	0.2944818	120	0.2973311	160	0.2834876						
Tetrahydrofuran	80	0.0136094	120	0.0134406	160	1.357941E-02						
Toluene	80	1.087321	120	1.060487	160	1.01644						
trans-1,2-Dichloroethylene	80	0.2770166	120	0.2583459	160	0.2446638						
trans-1,3-Dichloropropylene	80	0.27705	120	0.2759263	160	0.2714608						
trans-1,4-dichloro-2-butene	80	8.808507E-02	120	9.119118E-02	160	0.0929918						
trans-decahydronaphthalene	80		120		160							
Trichloroethylene	80	0.292344	120	0.2925575	160	0.2852632						
Trichlorofluoromethane	80	0.3339844	120	0.3196842	160	0.3042941						
Vinyl acetate	80	0.1893602	120	0.1799646	160	0.1714354						
Vinyl Chloride	80	0.1932029	120	0.1840295	160	0.1823639						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2071283	4.568245	9.151333	1.218962E-02			20	
1,1,1-Trichloroethane	0.3362658	3.693721	5.366222	2.521805E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5286158	5.69587	10.442	1.378902E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1915079	8.326795	3.197	1.438085E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1333532	4.072504	8.003	0.0155248			SPCC (0.1)	
1,1-Dichloroethane	0.3573267	7.485509	4.336	2.606355E-03			SPCC (0.2)	
1,1-Dichloroethylene	0.2864539	8.593813	3.179	2.025328E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2537146	5.784056	5.518	2.643255E-02			20	
1,2,3-Trichlorobenzene	0.3749011	8.052458	14.44033	8.864221E-03			20	
1,2,3-Trichloropropane	0.1642625	6.267162	10.507	0.0204001			20	
1,2,3-Trimethylbenzene	4.117268	12.90557	11.67433	0.0167212			20	
1,2,4,5-Tetramethylbenzene	2.89806	5.131824	12.897	2.011879E-02			20	
1,2,4-Trichlorobenzene	0.560402	7.730883	13.889	1.413645E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	4.235217	4.030955	11.21044	1.041139E-02			20	
1,2-Dibromo-3-chloropropane	8.930797E-02	18.14967	12.92467	1.745833E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1159435	2.779871	8.536333	1.710956E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.382782	4.270255	12.048	1.419057E-02			SPCC (0.4)	
1,2-Dichloroethane	0.1890472	2.368693	5.725	1.418856E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2547843	5.574963	6.559667	1.942048E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.699946	5.260564	10.724	1.414283E-02			20	
1,3-Dichlorobenzene	1.797236	5.856704	11.53333	2.280416E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2352278	3.668198	8.174889	1.145513E-02			20	
1,4-Dichlorobenzene	1.785487	5.565283	11.64567	1.146212E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.3120365	5.196609	4.886333	3.375277E-02			20	
2-Butanone	2.188375E-02	13.06661	4.852667	0.1294616			SPCC (0.1)	
2-Chloroethylvinyl ether							20	
2-Chlorotoluene	1.261018	4.238702	10.69133	1.318737E-02			20	
2-Hexanone	5.420411E-02	16.24768	8.224666	5.069622E-02			SPCC (0.1)	
4-Chlorotoluene	1.212213	3.774253	10.823	1.665218E-02			20	
4-Methyl-2-pentanone	0.1060001	5.609438	7.378889	9.179896E-02			SPCC (0.1)	
Acetone	2.340481E-02	37.70128	3.198889	0.169187		0.9971437	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	0.0160456	15.69316	3.055	6.928837E-02			20	
Acrylonitrile	2.092175E-02	6.164873	3.845889	6.518244E-02			20	
Allyl chloride	0.3181528	10.74995	3.529	4.381336E-02			20	
Benzene	0.7223322	7.179549	5.699	5.995702E-03			SPCC (0.5)	
Bromobenzene	1.943392	3.863331	10.476	1.924752E-02			20	
Bromochloromethane	0.1334251	7.278413	5.093	3.244803E-02			20	
Bromodichloromethane	0.3231942	2.505194	6.811666	1.460858E-02			SPCC (0.2)	
Bromoform	6.055779E-02	11.72446	9.934222	2.077204E-02			SPCC (0.1)	
Bromomethane	0.1345341	49.53765	2.272333	4.666514E-02		0.9997387	SPCC (0.1)	
Carbon disulfide	0.4612885	12.44832	3.408333	0.0396154			SPCC (0.1)	
Carbon tetrachloride	0.2784799	3.756026	5.527667	3.324464E-02			SPCC (0.1)	
Chlorobenzene	0.648699	5.19266	9.064	0.0113399			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	0.1917005	60.1293	2.385	6.234762E-02		0.9996639	SPCC (0.1)	
Chloroform	0.3320247	4.017708	5.186666	1.189617E-02			SPCC (0.2)	
Chloromethane	0.282691	61.18708	1.814111	0.1047671		0.9995591	SPCC (0.1)	
cis-1,2-Dichloroethylene	0.3109536	7.699536	4.875667	2.071401E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3639837	2.51924	7.242	1.949125E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.8870052	9.277985	5.465	3.091547E-02			SPCC (0.1)	
Dibromochloromethane	0.1577456	3.4009	8.407333	1.491048E-02			SPCC (0.1)	
Dibromomethane	9.351777E-02	2.542891	6.646333	1.766093E-02			20	
Dichlorodifluoromethane	0.2390135	29.97179	1.619667	7.922068E-02		0.9994835	SPCC (0.1)	
Diisopropyl ether (DIPE)	0.5833593	3.426294	4.386	3.537445E-02			20	
Ethanol	1.483304E-03	2.620874	2.943667	7.922556E-02			20	
Ethyl Benzene	1.856759	10.05085	9.306667	2.135246E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1306541	5.625262	7.862333	2.378981E-02			20	
Ethyl tert-butyl ether (ETBE)	0.4607547	3.749824	4.729667	4.320952E-02			20	
Hexachlorobutadiene	0.2729275	10.75612	14.071	1.011035E-02			20	
Hexachloroethane	0.7042998	7.119537	12.37911	1.546699E-02			20	
Iodomethane	0.2939556	70.62837	3.319	1.856394E-02		0.9993759	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.892239	4.953601	10.12467	8.142046E-03			SPCC (0.1)	
Limonene							20	
Methyl acetate	4.295144E-02	6.388878	3.515556	9.631764E-02			SPCC (0.1)	
Methyl Methacrylate	2.864389E-02	3.545488	6.607	3.297941E-02			20	
Methyl tert-butyl ether (MTBE)	0.2902414	3.391981	3.931333	7.427342E-02			SPCC (0.1)	
Methylcyclohexane	0.5364577	8.563515	6.58	2.107893E-02			SPCC (0.1)	
Methylene chloride	0.2435341	8.204581	3.65	1.986468E-02			SPCC (0.1)	
Naphthalene	1.090683	10.81844	14.178	1.592236E-02			20	
n-butyl acetate							20	
n-Butylbenzene	4.306687	4.287833	12.03367	1.797359E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.2591615	9.884358	12.897	2.011879E-02			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	6.681415	4.663997	10.58844	1.613127E-02			20	
n-undecane							20	
o-Xylene	0.9078898	8.635569	9.722555	6.437933E-03			SPCC (0.3)	
p- & m- Xylenes	0.9283793	10.05084	9.306667	2.135246E-02			SPCC (0.1)	
p-Diethylbenzene	2.31773	3.036056	12.005	0.0128428			20	
p-Ethyltoluene	4.699946	5.260564	10.724	1.414283E-02			20	
p-Isopropyltoluene	4.386834	4.232218	11.57067	2.023596E-02			20	
sec-Butylbenzene	5.353574	3.557906	11.39767	1.983242E-02			20	
Styrene	0.6059484	6.837037	9.738667	1.819566E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.17918	1.60463	5.652	1.622777E-02			20	
SURR: p-Bromofluorobenzene	2.237431	4.008411	10.31533	5.802912E-03			20	
SURR: Toluene-d8	1.446305	1.241907	7.523667	1.117864E-02			20	
tert-Amyl alcohol (TAA)	1.617441E-03	40.92638	5.698333	0.3787605			20	*
tert-Amyl methyl ether (TAME)	0.3012827	6.411427	5.827667	2.745308E-02			20	
tert-Butyl alcohol (TBA)	3.582909E-03	25.06297	3.761778	0.2489619		0.9995826	0.99	
tert-Butylbenzene	4.258868	3.427228	11.14533	1.424454E-02			20	
Tetrachloroethylene	0.2999843	4.49216	8.142333	4.807124E-03			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Calibration:	SE50045	Instrument:	QVOA9
		Calibration Date:	05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.0134804	9.250983	5.143889	0.1015051			20	
Toluene	1.136965	8.018394	7.592667	1.432501E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2816937	7.373854	3.929667	0.0353881			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2643779	3.90167	7.802	2.534832E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	7.071145E-02	25.7167	10.48167	1.923422E-02		0.9991064	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.3011195	5.511797	6.329667	0.018989			SPCC (0.2)	
Trichlorofluoromethane	0.4196917	46.52503	2.659667	4.926397E-02		0.9996816	SPCC (0.1)	
Vinyl acetate	0.1801668	4.061186	4.329333	4.829597E-02			20	
Vinyl Chloride	0.2561998	56.96377	1.927	1.737578E-02		0.9996208	SPCC (0.1)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	11.7	17.2	30.00
1,1,1-Trichloroethane	10.0	11.3	12.6	30.00
1,1,2,2-Tetrachloroethane	10.0	11.1	10.8	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.7	16.8	30.00
1,1,2-Trichloroethane	10.0	11.2	11.6	30.00
1,1-Dichloroethane	10.0	11.5	14.8	30.00
1,1-Dichloroethylene	10.0	12.4	24.3	30.00
1,2,3-Trichlorobenzene	10.0	11.3	12.9	30.00
1,2,3-Trichloropropane	10.0	11.1	11.4	30.00
1,2,4-Trichlorobenzene	10.0	11.3	12.9	30.00
1,2,4-Trimethylbenzene	10.0	12.0	19.9	30.00
1,2-Dibromo-3-chloropropane	10.0	11.1	10.7	30.00
1,2-Dibromoethane	10.0	11.1	10.6	30.00
1,2-Dichlorobenzene	10.0	11.6	15.8	30.00
1,2-Dichloroethane	10.0	11.1	11.0	30.00
1,2-Dichloropropane	10.0	11.9	19.1	30.00
1,3,5-Trimethylbenzene	10.0	13.8	38.5 *	30.00
1,3-Dichlorobenzene	10.0	11.4	14.3	30.00
1,4-Dichlorobenzene	10.0	11.1	11.4	30.00
1,4-Dioxane	210	0.00		30.00
2-Butanone	10.0	9.56	-4.4	30.00
2-Hexanone	10.0	9.52	-4.8	30.00
4-Methyl-2-pentanone	10.0	8.02	-19.8	30.00
Acetone	10.0	9.11	-8.9	30.00
Acrolein	10.0	6.41	-35.9 *	30.00
Acrylonitrile	10.0	10.7	6.7	30.00
Benzene	10.0	11.6	16.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromochloromethane	10.0	11.0	9.5	30.00
Bromodichloromethane	10.0	11.2	12.3	30.00
Bromoform	10.0	11.4	14.4	30.00
Bromomethane	10.0	10.1	0.6	30.00
Carbon disulfide	10.0	11.8	18.3	30.00
Carbon tetrachloride	10.0	11.6	16.0	30.00
Chlorobenzene	10.0	11.5	15.1	30.00
Chloroethane	10.0	11.3	12.8	30.00
Chloroform	10.0	11.3	13.3	30.00
Chloromethane	10.0	10.4	4.2	30.00
cis-1,2-Dichloroethylene	10.0	11.4	13.7	30.00
cis-1,3-Dichloropropylene	10.0	10.8	8.5	30.00
Cyclohexane	10.0	6.42	-35.8 *	30.00
Dibromochloromethane	10.0	11.3	12.8	30.00
Dibromomethane	10.0	11.1	11.3	30.00
Dichlorodifluoromethane	10.0	9.57	-4.3	30.00
Ethyl Benzene	10.0	11.9	18.7	30.00
Hexachlorobutadiene	10.0	11.0	10.0	30.00
Isopropylbenzene	10.0	12.0	20.2	30.00
Methyl acetate	10.0	10.1	1.0	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.7	6.9	30.00
Methylcyclohexane	10.0	11.6	15.6	30.00
Methylene chloride	10.0	11.2	11.5	30.00
n-Butylbenzene	10.0	11.6	15.5	30.00
n-Propylbenzene	10.0	12.0	19.8	30.00
o-Xylene	10.0	11.8	17.7	30.00
p- & m- Xylenes	20.0	23.7	18.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
p-Isopropyltoluene	10.0	12.0	19.5	30.00
sec-Butylbenzene	10.0	11.8	18.0	30.00
Styrene	10.0	12.3	23.3	30.00
tert-Butyl alcohol (TBA)	50.0	33.3	-33.5 *	30.00
tert-Butylbenzene	10.0	10.6	6.4	30.00
Tetrachloroethylene	10.0	10.7	6.8	30.00
Toluene	10.0	11.6	16.5	30.00
trans-1,2-Dichloroethylene	10.0	11.6	16.2	30.00
trans-1,3-Dichloropropylene	10.0	10.9	9.0	30.00
trans-1,4-dichloro-2-butene	10.0	9.15	-8.5	30.00
Trichloroethylene	10.0	11.7	17.4	30.00
Trichlorofluoromethane	10.0	11.3	13.0	30.00
Vinyl Chloride	10.0	11.2	11.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.61	0.2071283	0.1989959		-3.9	20	
1,1,1-Trichloroethane	A	10.0	9.58	0.3362658	0.3221296	0.1	-4.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.86	0.5286158	0.521108	0.3	-1.4	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.65	0.1915079	0.1847356	0.1	-3.5	20	
1,1,2-Trichloroethane	A	10.0	10.5	0.1333532	0.1403424	0.1	5.2	20	
1,1-Dichloroethane	A	10.0	10.3	0.3573267	0.3671106	0.2	2.7	20	
1,1-Dichloroethylene	A	10.0	9.86	0.2864539	0.2825599	0.1	-1.4	20	
1,2,3-Trichlorobenzene	A	10.0	8.72	0.3749011	0.3268806		-12.8	20	
1,2,3-Trichloropropane	A	10.0	9.78	0.1642625	0.1607106		-2.2	20	
1,2,4-Trichlorobenzene	A	10.0	8.02	0.560402	0.4493489	0.2	-19.8	20	
1,2,4-Trimethylbenzene	A	10.0	8.45	4.235217	3.578512		-15.5	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.15	8.930797E-02	8.698259E-02	0.05	-2.6	20	
1,2-Dibromoethane	A	10.0	10.2	0.1159435	0.1180341	0.1	1.8	20	
1,2-Dichlorobenzene	A	10.0	8.87	1.382782	1.226724	0.4	-11.3	20	
1,2-Dichloroethane	A	10.0	11.0	0.1890472	0.2086314	0.1	10.4	20	
1,2-Dichloropropane	A	10.0	10.5	0.2547843	0.2669053	0.1	4.8	20	
1,3,5-Trimethylbenzene	A	10.0	8.43	4.699946	3.962814		-15.7	20	
1,3-Dichlorobenzene	A	10.0	8.55	1.797236	1.53745	0.6	-14.5	20	
1,4-Dichlorobenzene	A	10.0	8.51	1.785487	1.519318	0.5	-14.9	20	
1,4-Dioxane	A	200	0.00					20	
2-Butanone	A	10.0	12.6	2.188375E-02	2.808977E-02	0.1	28.4	20	*
2-Hexanone	A	10.0	10.8	5.420411E-02	5.860124E-02	0.1	8.1	20	
4-Methyl-2-pentanone	A	10.0	12.1	0.1060001	0.1286458	0.1	21.4	20	*
Acetone	A	10.0	11.0	2.340481E-02	2.137998E-02	0.1	10.3	20	
Acrolein	A	10.0	11.4	0.0160456	1.831982E-02		14.2	20	
Acrylonitrile	A	10.0	11.8	2.092175E-02	2.551419E-02		22.0	20	*
Benzene	A	10.0	10.4	0.7223322	0.751625	0.5	4.1	20	
Bromochloromethane	A	10.0	10.9	0.1334251	0.1449973		8.7	20	
Bromodichloromethane	A	10.0	9.86	0.3231942	0.3185288	0.2	-1.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	7.01	6.055779E-02	4.243905E-02	0.1	-29.9	20 *
Bromomethane	A	10.0	6.47	0.1345341	7.037179E-02	0.1	-35.3	20 *
Carbon disulfide	A	10.0	9.34	0.4612885	0.4308005	0.1	-6.6	20
Carbon tetrachloride	A	10.0	9.56	0.2784799	0.26612	0.1	-4.4	20
Chlorobenzene	A	10.0	9.55	0.648699	0.6193037	0.5	-4.5	20
Chloroethane	A	10.0	8.80	0.1917005	0.1326292	0.1	-12.0	20
Chloroform	A	10.0	10.2	0.3320247	0.3375618	0.2	1.7	20
Chloromethane	A	10.0	8.18	0.282691	0.1703813	0.1	-18.2	20
cis-1,2-Dichloroethylene	A	10.0	10.4	0.3109536	0.3229182	0.1	3.8	20
cis-1,3-Dichloropropylene	A	10.0	9.81	0.3639837	0.3570187	0.2	-1.9	20
Cyclohexane	A	10.0	10.0	0.8870052	0.8896908	0.1	0.3	20
Dibromochloromethane	A	10.0	9.78	0.1577456	0.1542651	0.1	-2.2	20
Dibromomethane	A	10.0	10.5	9.351777E-02	9.784343E-02		4.6	20
Dichlorodifluoromethane	A	10.0	7.21	0.2390135	0.159613	0.1	-27.9	20 *
Ethyl Benzene	A	10.0	9.78	1.856759	1.816518	0.1	-2.2	20
Hexachlorobutadiene	A	10.0	7.24	0.2729275	0.1974672		-27.6	20 *
Isopropylbenzene	A	10.0	8.70	5.892239	5.125619	0.1	-13.0	20
Methyl acetate	A	10.0	13.3	4.295144E-02	5.695752E-02	0.1	32.6	20 *
Methyl tert-butyl ether (MTBE)	A	10.0	11.3	0.2902414	0.329146	0.1	13.4	20
Methylcyclohexane	A	10.0	10.1	0.5364577	0.5400632	0.1	0.7	20
Methylene chloride	A	10.0	10.3	0.2435341	0.2497743	0.1	2.6	20
n-Butylbenzene	A	10.0	8.70	4.306687	3.744708		-13.0	20
n-Propylbenzene	A	10.0	8.79	6.681415	5.875903		-12.1	20
o-Xylene	A	10.0	9.83	0.9078898	0.8926511	0.3	-1.7	20
p- & m- Xylenes	A	20.0	19.6	0.9283793	0.9082592	0.1	-2.2	20
p-Isopropyltoluene	A	10.0	8.60	4.386834	3.772712		-14.0	20
sec-Butylbenzene	A	10.0	8.63	5.353574	4.622616		-13.7	20
Styrene	A	10.0	9.79	0.6059484	0.5933692	0.3	-2.1	20
tert-Butyl alcohol (TBA)	A	10.0	23.2	3.582909E-03	7.503704E-03		132	20 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	8.65	4.258868	3.686043		-13.5	20
Tetrachloroethylene	A	10.0	8.37	0.2999843	0.2510294	0.2	-16.3	20
Toluene	A	10.0	9.62	1.136965	1.093455	0.4	-3.8	20
trans-1,2-Dichloroethylene	A	10.0	10.1	0.2816937	0.2848752	0.1	1.1	20
trans-1,3-Dichloropropylene	A	10.0	9.93	0.2643779	0.2624456	0.1	-0.7	20
trans-1,4-dichloro-2-butene	A	10.0	8.22	7.071145E-02	6.448293E-02		-17.8	20
Trichloroethylene	A	10.0	9.28	0.3011195	0.2793098	0.2	-7.2	20
Trichlorofluoromethane	A	10.0	8.41	0.4196917	0.2964521	0.1	-15.9	20
Vinyl Chloride	A	10.0	8.75	0.2561998	0.1720249	0.1	-12.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	70 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.50	95.0	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	828878	5.972	799213	5.972	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: Toluene-d8	10.0	9.97	99.7	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.83	98.3	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	767385	5.972	753228	5.975	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	

PREPARATION BENCH SHEET : BF50193

Preparation Date: 06/02/2025 12:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25E1596-01 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-02 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-03 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-04 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-05 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-06 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-07 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-08 A	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50193-BLK1	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50193-BS1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50193-BSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50193-MS1	VOA, 8260 LOW MASTER	25	25	S25E419	5			25E1596-05		<2	NA		
BF50193-MSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5			25E1596-05		<2	NA		

Reagent

Standard/Reagent ID	Description	LotNum	Volume
Y21C284	Antifoam B Silicone Emulsion	0000272215	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25E419	Q_VOA - ICV/LCS/MS Static @ 10 ppb	051425	5

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
Y22H072	Q_VOLATILES SURROGATE Static Mix @ 10ppb	-	1

Preparations Performed by Brittany Michelle Connolly **Date:** **07/04/2022 12:35**

PREPARATION BENCH SHEET : BF50204

Preparation Date: 06/02/2025 11:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25E1596-01RE1 B	VOA, 8260 LOW MASTER	25	25							<2	NA		From BF50193 by AC on 06/03/2
BF50204-BLK1	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50204-BS1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50204-BSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		

Reagent

Standard/Reagent ID	Description	LotNum	Volume
Y21C284	Antifoam B Silicone Emulsion	0000272215	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25E419	Q_VOA - ICV/LCS/MS Static @ 10 ppb	051425	5

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
Y22H072	Q_VOLATILES SURROGATE Static Mix @ 10ppb	-	1

Preparations Performed by Brittany Michelle Connolly **Date:** **07/04/2022 12:35**

APPENDIX B

YORK LABORATORY TECHNICAL REPORT

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Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 07/08/2025
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
York Project (SDG) No.: 25E1596

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE | STRATFORD, CT 06615 | 132-02 89th AVENUE | RICHMOND HILL, NY 11418
www.YORKLAB.com | (203) 325-1371 | FAX (203) 357-0166 | ClientServices@yorklab.com

Report Date: 07/08/2025
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
York Project (SDG) No.: 25E1596

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2025 and listed below. The project was identified as your project: **230051 - 170 Freeman Street, Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25E1596-01	MW-9 (20252305)	Ground Water	05/23/2025	05/23/2025
25E1596-02	MW-10 (20252305)	Ground Water	05/23/2025	05/23/2025
25E1596-03	MW-11R	Ground Water	05/23/2025	05/23/2025
25E1596-04	MW-13R	Ground Water	05/23/2025	05/23/2025
25E1596-05	MW-14	Ground Water	05/23/2025	05/23/2025
25E1596-06	MW-15	Ground Water	05/23/2025	05/23/2025
25E1596-07	FB	Water	05/23/2025	05/23/2025
25E1596-08	TB	Water	05/23/2025	05/23/2025

General Notes for York Project (SDG) No.: 25E1596

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 07/08/2025

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	**Chloromethane**	**3.01**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	**cis-1,2-Dichloroethylene**	**412**		ug/L	2.94	5.00	10	EPA 8260D	06/02/2025 11:00	06/03/2025 17:58	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-9 (20252305) **York Sample ID:** 25E1596-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 12:21 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.400**	J	ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	**Tetrachloroethylene**	**0.430**	J	ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	**trans-1,2-Dichloroethylene**	**25.6**		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	**Trichloroethylene**	**1.11**		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	**Vinyl Chloride**	**4.05**		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:28	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.6 %*	*79-122*

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.26**		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**14.7**		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	**Chloromethane**	**2.67**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	**cis-1,2-Dichloroethylene**	**1.24**		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-10 (20252305) **York Sample ID:** 25E1596-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:42 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:52	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.4 %*	*79-122*

Sample Information

Client Sample ID: MW-11R

York Sample ID: 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-11R

York Sample ID: 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	**Chloromethane**	**3.72**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	**cis-1,2-Dichloroethylene**	**4.06**		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-11R

York Sample ID: 25E1596-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 1:00 pm	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:17	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.6 %*	*79-122*

Sample Information

Client Sample ID: MW-13R **York Sample ID:** 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-13R

York Sample ID: 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.47**	J	ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**0.360**	J	ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-13R

York Sample ID: 25E1596-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 9:37 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 21:42	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.2 %*	*79-122*

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-14 **York Sample ID:** 25E1596-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 10:15 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:06	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.0 %*	*79-122*

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	**Chloromethane**	**4.49**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 25E1596-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 23, 2025 11:05 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 22:31	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Sample Information

Client Sample ID: FB

York Sample ID: 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: FB

York Sample ID: 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	**Chloromethane**	**15.2**		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: FB

York Sample ID: 25E1596-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.510**	J	ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 20:03	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*92.9 %*	*79-122*

Sample Information

Client Sample ID: TB

York Sample ID: 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND	CCVE, ICVE, QL-02	ug/L	35.3	80.0	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: TB

York Sample ID: 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.95**	J	ug/L	1.34	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: TB

York Sample ID: 25E1596-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25E1596	230051 - 170 Freeman Street, Brooklyn	Water	May 23, 2025 11:02 am	05/23/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**10.7**		ug/L	0.397	2.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	06/02/2025 12:00	06/02/2025 19:38	AC
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*79-122*

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25E1596

Client : Hydro Tech Environmental

Client Project ID : 230051 - 170 Freeman Street, Brooklyn

Prepared for : Paul Matli

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 05/23/2025 7:00 PM

8 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{2.9}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-9 (20252305)	25E1596-01	Water	05/23/2025 12:21 PM	05/23/2025 7:00 PM
MW-10 (20252305)	25E1596-02	Water	05/23/2025 11:42 AM	05/23/2025 7:00 PM
MW-11R	25E1596-03	Water	05/23/2025 1:00 PM	05/23/2025 7:00 PM
MW-13R	25E1596-04	Water	05/23/2025 9:37 AM	05/23/2025 7:00 PM
MW-14	25E1596-05	Water	05/23/2025 10:15 AM	05/23/2025 7:00 PM
MW-15	25E1596-06	Water	05/23/2025 11:05 AM	05/23/2025 7:00 PM
FB	25E1596-07	Water	05/23/2025 11:02 AM	05/23/2025 7:00 PM
TB	25E1596-08	Water	05/23/2025 11:02 AM	05/23/2025 7:00 PM

WorkOrder Comments

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5030B	EPA 8260D

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	1,4-Dioxane	CCVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	1,4-Dioxane	ICVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	1,4-Dioxane	QL-02
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Acrolein	ICVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Bromomethane	CCVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Cyclohexane	ICVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Cyclohexane	QL-02
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Methylene chloride	J
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	tert-Butyl alcohol (TBA)	ICVE
MW-9 (20252305)	EPA 8260D	25E1596-01	Water	Tetrachloroethylene	J
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	1,4-Dioxane	QL-02
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	1,4-Dioxane	CCVE
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	1,4-Dioxane	ICVE
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	Acrolein	ICVE
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	Bromomethane	CCVE
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	Cyclohexane	ICVE
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	Cyclohexane	QL-02
MW-10 (20252305)	EPA 8260D	25E1596-02	Water	tert-Butyl alcohol (TBA)	ICVE
MW-11R	EPA 8260D	25E1596-03	Water	1,4-Dioxane	CCVE
MW-11R	EPA 8260D	25E1596-03	Water	1,4-Dioxane	ICVE
MW-11R	EPA 8260D	25E1596-03	Water	1,4-Dioxane	QL-02
MW-11R	EPA 8260D	25E1596-03	Water	Acrolein	ICVE
MW-11R	EPA 8260D	25E1596-03	Water	Bromomethane	CCVE
MW-11R	EPA 8260D	25E1596-03	Water	Cyclohexane	ICVE
MW-11R	EPA 8260D	25E1596-03	Water	Cyclohexane	QL-02
MW-11R	EPA 8260D	25E1596-03	Water	tert-Butyl alcohol (TBA)	ICVE
MW-13R	EPA 8260D	25E1596-04	Water	1,4-Dioxane	QL-02
MW-13R	EPA 8260D	25E1596-04	Water	1,4-Dioxane	ICVE
MW-13R	EPA 8260D	25E1596-04	Water	1,4-Dioxane	CCVE
MW-13R	EPA 8260D	25E1596-04	Water	Acetone	J
MW-13R	EPA 8260D	25E1596-04	Water	Acrolein	ICVE
MW-13R	EPA 8260D	25E1596-04	Water	Bromomethane	CCVE
MW-13R	EPA 8260D	25E1596-04	Water	Chloroform	J
MW-13R	EPA 8260D	25E1596-04	Water	Cyclohexane	QL-02
MW-13R	EPA 8260D	25E1596-04	Water	Cyclohexane	ICVE
MW-13R	EPA 8260D	25E1596-04	Water	tert-Butyl alcohol (TBA)	ICVE
MW-14	EPA 8260D	25E1596-05	Water	1,4-Dioxane	CCVE
MW-14	EPA 8260D	25E1596-05	Water	1,4-Dioxane	QL-02
MW-14	EPA 8260D	25E1596-05	Water	1,4-Dioxane	ICVE
MW-14	EPA 8260D	25E1596-05	Water	Acrolein	ICVE
MW-14	EPA 8260D	25E1596-05	Water	Bromomethane	CCVE
MW-14	EPA 8260D	25E1596-05	Water	Cyclohexane	ICVE
MW-14	EPA 8260D	25E1596-05	Water	Cyclohexane	QL-02
MW-14	EPA 8260D	25E1596-05	Water	tert-Butyl alcohol (TBA)	ICVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-15	EPA 8260D	25E1596-06	Water	1,4-Dioxane	CCVE
MW-15	EPA 8260D	25E1596-06	Water	1,4-Dioxane	QL-02
MW-15	EPA 8260D	25E1596-06	Water	1,4-Dioxane	ICVE
MW-15	EPA 8260D	25E1596-06	Water	Acrolein	ICVE
MW-15	EPA 8260D	25E1596-06	Water	Bromomethane	CCVE
MW-15	EPA 8260D	25E1596-06	Water	Cyclohexane	QL-02
MW-15	EPA 8260D	25E1596-06	Water	Cyclohexane	ICVE
MW-15	EPA 8260D	25E1596-06	Water	tert-Butyl alcohol (TBA)	ICVE
FB	EPA 8260D	25E1596-07	Water	1,4-Dioxane	CCVE
FB	EPA 8260D	25E1596-07	Water	1,4-Dioxane	ICVE
FB	EPA 8260D	25E1596-07	Water	1,4-Dioxane	QL-02
FB	EPA 8260D	25E1596-07	Water	Acrolein	ICVE
FB	EPA 8260D	25E1596-07	Water	Bromomethane	CCVE
FB	EPA 8260D	25E1596-07	Water	Cyclohexane	ICVE
FB	EPA 8260D	25E1596-07	Water	Cyclohexane	QL-02
FB	EPA 8260D	25E1596-07	Water	Methylene chloride	J
FB	EPA 8260D	25E1596-07	Water	tert-Butyl alcohol (TBA)	ICVE
TB	EPA 8260D	25E1596-08	Water	1,4-Dioxane	QL-02
TB	EPA 8260D	25E1596-08	Water	1,4-Dioxane	ICVE
TB	EPA 8260D	25E1596-08	Water	1,4-Dioxane	CCVE
TB	EPA 8260D	25E1596-08	Water	Acetone	J
TB	EPA 8260D	25E1596-08	Water	Acrolein	ICVE
TB	EPA 8260D	25E1596-08	Water	Bromomethane	CCVE
TB	EPA 8260D	25E1596-08	Water	Cyclohexane	QL-02
TB	EPA 8260D	25E1596-08	Water	Cyclohexane	ICVE
TB	EPA 8260D	25E1596-08	Water	tert-Butyl alcohol (TBA)	ICVE

Qualifier Definitions :

CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SE50045

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SE50045	S5E3001	S5E3001	Secondary Cal Check	S5E3001-SCV1	QVOA9	QV935807.D
SE50045	S5F0335	S5F0335	Calibration Check	S5F0335-CCV1	QVOA9	QV935910.D
SE50045	BF50193	S5F0335	LCS	BF50193-BS1	QVOA9	QV935911.D
SE50045	BF50193	S5F0335	LCS Dup	BF50193-BSD1	QVOA9	QV935912.D
SE50045	BF50193	S5F0335	Blank	BF50193-BLK1	QVOA9	QV935914.D
SE50045	BF50193	S5F0335	TB	25E1596-08	QVOA9	QV935920.D
SE50045	BF50193	S5F0335	FB	25E1596-07	QVOA9	QV935921.D
SE50045	BF50193	S5F0335	MW-9 (20252305)	25E1596-01	QVOA9	QV935922.D
SE50045	BF50193	S5F0335	MW-10 (20252305)	25E1596-02	QVOA9	QV935923.D
SE50045	BF50193	S5F0335	MW-11R	25E1596-03	QVOA9	QV935924.D
SE50045	BF50193	S5F0335	MW-13R	25E1596-04	QVOA9	QV935925.D
SE50045	BF50193	S5F0335	MW-14	25E1596-05	QVOA9	QV935926.D
SE50045	BF50193	S5F0335	MW-15	25E1596-06	QVOA9	QV935927.D
SE50045	BF50193	S5F0335	MW-14MS1	BF50193-MS1	QVOA9	QV935928.D
SE50045	BF50193	S5F0335	MW-14MSD1	BF50193-MSD1	QVOA9	QV935929.D
SE50045	S5F0337	S5F0337	Calibration Check	S5F0337-CCV1	QVOA9	QV935932.D
SE50045	BF50204	S5F0337	LCS	BF50204-BS1	QVOA9	QV935933.D
SE50045	BF50204	S5F0337	LCS Dup	BF50204-BSD1	QVOA9	QV935934.D
SE50045	BF50204	S5F0337	Blank	BF50204-BLK1	QVOA9	QV935936.D
SE50045	BF50204	S5F0337	MW-9 (20252305)	25E1596-01RE1	QVOA9	QV935942.D

4.0 Analysis Issues

Initial calibration for ***EPA 8260D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SE50045	QVOA9	5/28/2025 5:54:10 PM	QV935791.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane	**0.00**	20	**0.0000**	0.05				Avg
2-Butanone	**13.07**	20	**0.0219**	0.05				Avg
Acetone		20	**0.0234**	0.05				QR0
Acrolein	**15.69**	20	**0.0160**	0.05				Avg
Acrylonitrile	**6.16**	20	**0.0209**	0.05				Avg
Methyl acetate	**6.39**	20	**0.0430**	0.05				Avg
tert-Butyl alcohol (TBA)		20	**0.0036**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5E3001-SCV1		QV935807.D
Calibration Check	S5F0335-CCV1		QV935910.D
LCS	BF50193-BS1		QV935911.D
LCS Dup	BF50193-BSD1		QV935912.D
Blank	BF50193-BLK1		QV935914.D
TB	25E1596-08		QV935920.D
FB	25E1596-07		QV935921.D
MW-9 (20252305)	25E1596-01		QV935922.D
MW-10 (20252305)	25E1596-02		QV935923.D
MW-11R	25E1596-03		QV935924.D
MW-13R	25E1596-04		QV935925.D
MW-14	25E1596-05		QV935926.D
MW-15	25E1596-06		QV935927.D
Matrix Spike	BF50193-MS1	MW-14	QV935928.D
Matrix Spike Dup	BF50193-MSD1	MW-14	QV935929.D
Calibration Check	S5F0337-CCV1		QV935932.D
LCS	BF50204-BS1		QV935933.D
LCS Dup	BF50204-BSD1		QV935934.D
Blank	BF50204-BLK1		QV935936.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SE50045	S5E3001-SCV1	1,3,5-Trimethylbenzene	10.0	13.8	**138**	70 - 130
SE50045	S5E3001-SCV1	1,4-Dioxane	210	0.00		70 - 130
SE50045	S5E3001-SCV1	Acrolein	10.0	6.41	**64.1**	70 - 130
SE50045	S5E3001-SCV1	Cyclohexane	10.0	6.42	**64.2**	70 - 130
SE50045	S5E3001-SCV1	tert-Butyl alcohol (TBA)	50.0	33.3	**66.5**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5F0335-CCV1	Calibration Check	QV935910.D
BF50193-BS1	LCS	QV935911.D
BF50193-BSD1	LCS Dup	QV935912.D
BF50193-BLK1	Blank	QV935914.D
25E1596-08	TB	QV935920.D
25E1596-07	FB	QV935921.D
25E1596-01	MW-9 (20252305)	QV935922.D
25E1596-02	MW-10 (20252305)	QV935923.D
25E1596-03	MW-11R	QV935924.D
25E1596-04	MW-13R	QV935925.D
25E1596-05	MW-14	QV935926.D
25E1596-06	MW-15	QV935927.D
BF50193-MS1	Matrix Spike	QV935928.D
BF50193-MSD1	Matrix Spike Dup	QV935929.D
S5F0337-CCV1	Calibration Check	QV935932.D
BF50204-BS1	LCS	QV935933.D
BF50204-BSD1	LCS Dup	QV935934.D
BF50204-BLK1	Blank	QV935936.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SE50045	S5F0335	S5F0335-CCV1	QV935910.D	06/02/25 12:52
SE50045	S5F0337	S5F0337-CCV1	QV935932.D	06/03/25 12:03

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SE50045	S5F0335-CCV1	1,4-Dioxane	ug/L	0.00	200	**0**	80	120	QV935910.D
SE50045	S5F0335-CCV1	Bromomethane	ug/L	6.29	10.0	**62.9**	80	120	QV935910.D
SE50045	S5F0335-CCV1	Methyl acetate	ug/L	12.6	10.0	**126**	80	120	QV935910.D
SE50045	S5F0335-CCV1	tert-Butyl alcohol (TBA)	ug/L	20.5	10.0	**205**	80	120	QV935910.D
SE50045	S5F0337-CCV1	1,4-Dioxane	ug/L	0.00	200	**0**	80	120	QV935932.D
SE50045	S5F0337-CCV1	2-Butanone	ug/L	12.6	10.0	**126**	80	120	QV935932.D
SE50045	S5F0337-CCV1	4-Methyl-2-pentanone	ug/L	12.1	10.0	**121**	80	120	QV935932.D
SE50045	S5F0337-CCV1	Bromoform	ug/L	7.01	10.0	**70.1**	80	120	QV935932.D
SE50045	S5F0337-CCV1	Bromomethane	ug/L	6.47	10.0	**64.7**	80	120	QV935932.D
SE50045	S5F0337-CCV1	Dichlorodifluoromethane	ug/L	7.21	10.0	**72.1**	80	120	QV935932.D
SE50045	S5F0337-CCV1	Hexachlorobutadiene	ug/L	7.24	10.0	**72.4**	80	120	QV935932.D
SE50045	S5F0337-CCV1	Methyl acetate	ug/L	13.3	10.0	**133**	80	120	QV935932.D

SE50045 S5F0337-CCV1 tert-Butyl alcohol (TBA) ug/L 23.2 10.0 **232** 80 120 QV935932.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SE50045	S5F0335	BF50193-BS1	LCS		QV935911.D
SE50045	S5F0335	BF50193-BSD1	LCS Dup		QV935912.D
SE50045	S5F0335	BF50193-BLK1	Blank		QV935914.D
SE50045	S5F0335	25E1596-08	TB		QV935920.D
SE50045	S5F0335	25E1596-07	FB		QV935921.D
SE50045	S5F0335	25E1596-01	MW-9 (20252305)		QV935922.D
SE50045	S5F0335	25E1596-02	MW-10 (20252305)		QV935923.D
SE50045	S5F0335	25E1596-03	MW-11R		QV935924.D
SE50045	S5F0335	25E1596-04	MW-13R		QV935925.D
SE50045	S5F0335	25E1596-05	MW-14		QV935926.D
SE50045	S5F0335	25E1596-06	MW-15		QV935927.D
SE50045	S5F0335	BF50193-MS1	Matrix Spike	MW-14	QV935928.D
SE50045	S5F0335	BF50193-MSD1	Matrix Spike Dup	MW-14	QV935929.D
SE50045	S5F0337	BF50204-BS1	LCS		QV935933.D
SE50045	S5F0337	BF50204-BSD1	LCS Dup		QV935934.D
SE50045	S5F0337	BF50204-BLK1	Blank		QV935936.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BF50193	S5F0335	QVOA9	BF50193-BLK1	QV935914.D
VOA	BF50204	S5F0337	QVOA9	BF50204-BLK1	QV935936.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SE50045	5F0335	BF50193-BS1	LCS	QV935911.D
SE50045	5F0335	BF50193-BSD1	LCS Dup	QV935912.D
SE50045	5F0337	BF50204-BS1	LCS	QV935933.D
SE50045	5F0337	BF50204-BSD1	LCS Dup	QV935934.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5F0335	LCS	BF50193-BS1	1,3,5-Trimethylbenzene		**136**		80 - 131	
S5F0335	LCS	BF50193-BS1	1,4-Dioxane		**0**		40 - 160	
S5F0335	LCS	BF50193-BS1	Cyclohexane		**51.7**		70 - 130	
S5F0335	LCS Dup	BF50193-BSD1	1,4-Dioxane		**0**	0	40 - 160	20
S5F0335	LCS Dup	BF50193-BSD1	2-Butanone	93.5	**126**	29.2	49 - 152	20
S5F0335	LCS Dup	BF50193-BSD1	2-Hexanone	83.1	**106**	24.1	51 - 146	20
S5F0335	LCS Dup	BF50193-BSD1	4-Methyl-2-pentanone	67.2	**86.5**	25.1	57 - 145	20
S5F0335	LCS Dup	BF50193-BSD1	Acetone	82.4	**105**	23.7	40 - 150	20
S5F0335	LCS Dup	BF50193-BSD1	Cyclohexane	51.7	**48.5**	6.39	70 - 130	20
S5F0335	LCS Dup	BF50193-BSD1	Methyl acetate	98.4	**123**	22.1	70 - 130	20
S5F0335	LCS Dup	BF50193-BSD1	tert-Butyl alcohol (TBA)	83.2	**139**	50.5	25 - 162	30
S5F0337	LCS	BF50204-BS1	1,4-Dioxane		**0**		10 - 349	
S5F0337	LCS	BF50204-BS1	Cyclohexane		**55.4**		63 - 149	
S5F0337	LCS Dup	BF50204-BSD1	1,4-Dioxane		**0**	0	10 - 349	30
S5F0337	LCS Dup	BF50204-BSD1	Cyclohexane	55.4	**53**	4.43	63 - 149	30
S5F0337	LCS Dup	BF50204-BSD1	Dichlorodifluoromethane	46.4	**43.6**	6.22	44 - 144	30
S5F0337	LCS Dup	BF50204-BSD1	tert-Butyl alcohol (TBA)	94.6	**139**	38	25 - 162	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BF50193	25E1596-01	MW-9 (20252305)	
BF50193	25E1596-02	MW-10 (20252305)	
BF50193	25E1596-03	MW-11R	
BF50193	25E1596-04	MW-13R	
BF50193	25E1596-05	MW-14	
BF50193	25E1596-06	MW-15	
BF50193	25E1596-07	FB	
BF50193	25E1596-08	TB	
BF50193	BF50193-BLK1	Blank	
BF50193	BF50193-MS1	Matrix Spike	MW-14
BF50193	BF50193-MSD1	Matrix Spike Dup	MW-14

BF50204	BF50204-BLK1	Blank

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SE50045**	BF50193	S5F0335	MW-14MS1	25E1596-05	MW-14	BF50193-MS1
VOA	**SE50045**	BF50193	S5F0335	MW-14MSD1	25E1596-05	MW-14	BF50193-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5F0335	MW-14	BF50193-MS1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ug/L		50.1		70 - 130	
S5F0335	MW-14	BF50193-MS1	1,2,3-Trichlorobenzene	ug/L		48.1		70 - 130	
S5F0335	MW-14	BF50193-MS1	1,2,4-Trichlorobenzene	ug/L		37.7		70 - 130	
S5F0335	MW-14	BF50193-MS1	1,2,4-Trimethylbenzene	ug/L		53.4		72 - 129	
S5F0335	MW-14	BF50193-MS1	1,2-Dichlorobenzene	ug/L		61		70 - 122	
S5F0335	MW-14	BF50193-MS1	1,3,5-Trimethylbenzene	ug/L		53.5		69 - 126	
S5F0335	MW-14	BF50193-MS1	1,3-Dichlorobenzene	ug/L		51.2		74 - 119	
S5F0335	MW-14	BF50193-MS1	1,4-Dichlorobenzene	ug/L		50.8		70 - 124	
S5F0335	MW-14	BF50193-MS1	1,4-Dioxane	ug/L		0		40 - 160	
S5F0335	MW-14	BF50193-MS1	Carbon tetrachloride	ug/L		70.1		71 - 130	
S5F0335	MW-14	BF50193-MS1	Chlorobenzene	ug/L		70.2		81 - 117	
S5F0335	MW-14	BF50193-MS1	Cyclohexane	ug/L		31		70 - 130	
S5F0335	MW-14	BF50193-MS1	Dichlorodifluoromethane	ug/L		32		40 - 147	
S5F0335	MW-14	BF50193-MS1	Ethyl Benzene	ug/L		64.2		72 - 128	
S5F0335	MW-14	BF50193-MS1	Hexachlorobutadiene	ug/L		29.5		34 - 166	
S5F0335	MW-14	BF50193-MS1	Isopropylbenzene	ug/L		56.5		70 - 130	
S5F0335	MW-14	BF50193-MS1	Methylcyclohexane	ug/L		49.3		70 - 130	
S5F0335	MW-14	BF50193-MS1	n-Butylbenzene	ug/L		40.5		61 - 138	
S5F0335	MW-14	BF50193-MS1	n-Propylbenzene	ug/L		51.2		66 - 134	
S5F0335	MW-14	BF50193-MS1	p- & m- Xylenes	ug/L		64.2		70 - 130	
S5F0335	MW-14	BF50193-MS1	p-Isopropyltoluene	ug/L		45.8		64 - 137	
S5F0335	MW-14	BF50193-MS1	sec-Butylbenzene	ug/L		49.4		53 - 155	
S5F0335	MW-14	BF50193-MS1	tert-Butylbenzene	ug/L		50.2		65 - 139	
S5F0335	MW-14	BF50193-MS1	Tetrachloroethylene	ug/L		43.8		70 - 130	
S5F0335	MW-14	BF50193-MS1	Toluene	ug/L		74.5		76 - 123	
S5F0335	MW-14	BF50193-MS1	trans-1,2-Dichloroethylene	ug/L		77.9		79 - 130	
S5F0335	MW-14	BF50193-MS1	Trichloroethylene	ug/L		66.1		70 - 130	
S5F0335	MW-14	BF50193-MS1	Trichlorofluoromethane	ug/L		58.2		61 - 142	
S5F0335	MW-14	BF50193-MS1	Vinyl Chloride	ug/L		67.5		70 - 130	
S5F0335	MW-14	BF50193-MSD1	1,4-Dioxane	ug/L		0		40 - 160	20
S5F0335	MW-14	BF50193-MSD1	Cyclohexane	ug/L	31.0	49.8	46.5	70 - 130	20

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,1,1-Trichloroethane	24.3	20	
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.7	20	
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,1-Dichloroethane	20.5	20	
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,1-Dichloroethylene	31.5	20	
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,2,3-Trichlorobenzene	49.8	20	
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,2,4-Trichlorobenzene	65	20	

S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,2,4-Trimethylbenzene	44	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,2-Dibromo-3-chloropropane	24.6	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,2-Dichlorobenzene	33.7	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,3,5-Trimethylbenzene	59.3	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,3-Dichlorobenzene	45.6	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	1,4-Dichlorobenzene	44.8	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Benzene	23.2	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Bromomethane	32.1	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Carbon disulfide	39.4	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Carbon tetrachloride	33.5	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Chlorobenzene	30.5	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Chloroethane	20.7	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Chloromethane	25.3	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Cyclohexane	46.5	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Dichlorodifluoromethane	53.2	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Ethyl Benzene	41.8	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Hexachlorobutadiene	84.2	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Isopropylbenzene	40.4	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Methylcyclohexane	65.8	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	n-Butylbenzene	68.5	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	n-Propylbenzene	51.7	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	o-Xylene	33	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	p- & m- Xylenes	41.7	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	p-Isopropyltoluene	56.8	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	sec-Butylbenzene	52.6	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Styrene	32.2	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	tert-Butylbenzene	39.1	30
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Tetrachloroethylene	59.2	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Toluene	29.4	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	trans-1,2-Dichloroethylene	30.2	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Trichloroethylene	37.9	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Trichlorofluoromethane	41	20
S5F0335	MW-14MSD1	25E1596-05	BF50193-MSD1	Vinyl Chloride	29.1	20

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260D	BF50204	MW-9 (20252305)	25E1596-01RE1	10

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.45)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BF50193 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25E1596-01	MW-9 (20252305)	06/02/25
25E1596-02	MW-10 (20252305)	06/02/25
25E1596-03	MW-11R	06/02/25
25E1596-04	MW-13R	06/02/25
25E1596-05	MW-14	06/02/25
25E1596-06	MW-15	06/02/25
25E1596-07	FB	06/02/25
25E1596-08	TB	06/02/25
BF50193-BLK1	Blank	06/02/25
BF50193-BS1	LCS	06/02/25
BF50193-BSD1	LCS Dup	06/02/25
BF50193-MS1	Matrix Spike	06/02/25
BF50193-MSD1	Matrix Spike Dup	06/02/25

Batch ID: BF50204 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25E1596-01RE1	MW-9 (20252305)	06/02/25
BF50204-BLK1	Blank	06/03/25
BF50204-BS1	LCS	06/03/25
BF50204-BSD1	LCS Dup	06/03/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Blank (BF50193-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Prepared & Analyzed: 06/02/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Blank (BF50193-BLK1)								Prepared & Analyzed: 06/02/2025			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.50*		*"*	*10.0*		*95.0*	*79-122*				
LCS (BF50193-BS1)								Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	70-130				
1,2,3-Trichlorobenzene	9.18		"	10.0		91.8	76-130				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	76-130				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	9.46		"	10.0		94.6	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-130				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	13.6		"	10.0		136	80-131	High Bias			
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	0.00		"	210			40-160	Low Bias			
2-Butanone	9.35		"	10.0		93.5	49-152				
2-Hexanone	8.31		"	10.0		83.1	51-146				
4-Methyl-2-pentanone	6.72		"	10.0		67.2	57-145				
Acetone	8.24		"	10.0		82.4	40-150				
Acrolein	6.16		"	10.0		61.6	10-153				
Acrylonitrile	9.43		"	10.0		94.3	51-150				
Benzene	11.3		"	10.0		113	85-126				
Bromochloromethane	10.2		"	10.0		102	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS (BF50193-BS1)								Prepared & Analyzed: 06/02/2025			
Bromodichloromethane	10.6		ug/L	10.0		106	79-128				
Bromoform	9.18		"	10.0		91.8	78-130				
Bromomethane	6.51		"	10.0		65.1	43-160				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-130				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	9.64		"	10.0		96.4	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	7.79		"	10.0		77.9	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-130				
Cyclohexane	5.17		"	10.0		51.7	70-130	Low Bias			
Dibromochloromethane	9.68		"	10.0		96.8	80-130				
Dibromomethane	9.92		"	10.0		99.2	72-134				
Dichlorodifluoromethane	5.06		"	10.0		50.6	44-144				
Ethyl Benzene	11.1		"	10.0		111	80-130				
Hexachlorobutadiene	8.60		"	10.0		86.0	67-146				
Isopropylbenzene	11.8		"	10.0		118	76-130				
Methyl acetate	9.84		"	10.0		98.4	70-130				
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	76-130				
Methylcyclohexane	10.8		"	10.0		108	72-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	11.8		"	10.0		118	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-130				
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	11.0		"	10.0		110	70-130				
tert-Butyl alcohol (TBA)	41.6		"	50.0		83.2	25-162				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	9.41		"	10.0		94.1	82-130				
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-130				
trans-1,3-Dichloropropylene	9.97		"	10.0		99.7	78-130				
trans-1,4-dichloro-2-butene	9.68		"	10.0		96.8	63-141				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	9.28		"	10.0		92.8	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.40*		*"*	*10.0*		*94.0*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

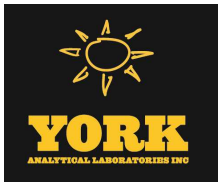
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS Dup (BF50193-BSD1)							Prepared & Analyzed: 06/02/2025				
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82-126		1.89	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-130		8.50	20	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129		12.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.49		"	10.0		94.9	70-130		8.86	20	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		7.78	20	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		7.22	20	
1,1-Dichloroethylene	10.2		"	10.0		102	70-130		10.1	20	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-130		13.0	20	
1,2,3-Trichloropropane	11.5		"	10.0		115	77-128		10.2	30	
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	76-130		6.62	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		8.83	20	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		5.98	20	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		9.66	20	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.576	20	
1,2-Dichloroethane	11.1		"	10.0		111	73-130		6.80	20	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		4.12	20	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131		12.9	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		5.59	20	
1,4-Dichlorobenzene	9.82		"	10.0		98.2	85-124		4.48	20	
1,4-Dioxane	0.00		"	210			40-160	Low Bias		20	
2-Butanone	12.6		"	10.0		126	49-152		29.2	20	Non-dir.
2-Hexanone	10.6		"	10.0		106	51-146		24.1	20	Non-dir.
4-Methyl-2-pentanone	8.65		"	10.0		86.5	57-145		25.1	20	Non-dir.
Acetone	10.5		"	10.0		105	40-150		23.7	20	Non-dir.
Acrolein	7.68		"	10.0		76.8	10-153		22.0	30	
Acrylonitrile	12.1		"	10.0		121	51-150		24.6	30	
Benzene	10.7		"	10.0		107	85-126		5.36	20	
Bromochloromethane	10.7		"	10.0		107	77-128		5.26	20	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.96	20	
Bromoform	10.0		"	10.0		100	78-130		8.85	20	
Bromomethane	5.80		"	10.0		58.0	43-160		11.5	20	
Carbon disulfide	9.88		"	10.0		98.8	68-146		8.43	20	
Carbon tetrachloride	9.91		"	10.0		99.1	77-130		8.04	20	
Chlorobenzene	9.75		"	10.0		97.5	88-120		7.60	20	
Chloroethane	8.61		"	10.0		86.1	65-136		11.3	20	
Chloroform	10.4		"	10.0		104	82-128		2.76	20	
Chloromethane	6.60		"	10.0		66.0	43-155		16.5	20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		4.30	20	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-130		0.596	20	
Cyclohexane	4.85		"	10.0		48.5	70-130	Low Bias	6.39	20	
Dibromochloromethane	10.4		"	10.0		104	80-130		7.08	20	
Dibromomethane	10.8		"	10.0		108	72-134		8.22	30	
Dichlorodifluoromethane	4.52		"	10.0		45.2	44-144		11.3	20	
Ethyl Benzene	9.98		"	10.0		99.8	80-130		10.5	20	
Hexachlorobutadiene	9.17		"	10.0		91.7	67-146		6.42	30	
Isopropylbenzene	10.3		"	10.0		103	76-130		13.4	20	
Methyl acetate	12.3		"	10.0		123	70-130		22.1	20	Non-dir.
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-130		19.8	20	
Methylcyclohexane	9.84		"	10.0		98.4	72-130		9.49	20	
Methylene chloride	10.2		"	10.0		102	70-130		0.196	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		4.14	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
LCS Dup (BF50193-BSD1)								Prepared & Analyzed: 06/02/2025			
n-Propylbenzene	10.3		ug/L	10.0		103	78-133		13.6	30	
o-Xylene	10.1		"	10.0		101	78-130		6.15	20	
p- & m- Xylenes	20.0		"	20.0		99.8	77-130		10.5	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		8.28	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		9.47	30	
Styrene	10.6		"	10.0		106	70-130		3.15	20	
tert-Butyl alcohol (TBA)	69.7		"	50.0		139	25-162		50.5	30	Non-dir.
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		10.7	30	
Tetrachloroethylene	8.30		"	10.0		83.0	82-130		12.5	20	
Toluene	10.0		"	10.0		100	80-127		10.4	20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-130		7.47	20	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-130		4.51	20	
trans-1,4-dichloro-2-butene	10.8		"	10.0		108	63-141		10.7	30	
Trichloroethylene	9.53		"	10.0		95.3	82-128		12.5	20	
Trichlorofluoromethane	8.37		"	10.0		83.7	67-139		10.3	20	
Vinyl Chloride	7.58		"	10.0		75.8	70-130		15.1	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Matrix Spike (BF50193-MS1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	7.89		ug/L	10.0	0.00	78.9	45-161				
1,1,1-Trichloroethane	7.62		"	10.0	0.00	76.2	70-130				
1,1,2,2-Tetrachloroethane	9.37		"	10.0	0.00	93.7	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.01		"	10.0	0.00	50.1	70-130	Low Bias			
1,1,2-Trichloroethane	9.33		"	10.0	0.00	93.3	70-130				
1,1-Dichloroethane	8.71		"	10.0	0.00	87.1	70-130				
1,1-Dichloroethylene	8.13		"	10.0	0.00	81.3	70-130				
1,2,3-Trichlorobenzene	4.81		"	10.0	0.00	48.1	70-130	Low Bias			
1,2,3-Trichloropropane	8.75		"	10.0	0.00	87.5	74-127				
1,2,4-Trichlorobenzene	3.77		"	10.0	0.00	37.7	70-130	Low Bias			
1,2,4-Trimethylbenzene	5.34		"	10.0	0.00	53.4	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	6.96		"	10.0	0.00	69.6	40-151				
1,2-Dibromoethane	8.63		"	10.0	0.00	86.3	75-125				
1,2-Dichlorobenzene	6.10		"	10.0	0.00	61.0	70-122	Low Bias			
1,2-Dichloroethane	9.63		"	10.0	0.00	96.3	70-130				
1,2-Dichloropropane	9.20		"	10.0	0.00	92.0	77-121				
1,3,5-Trimethylbenzene	5.35		"	10.0	0.00	53.5	69-126	Low Bias			
1,3-Dichlorobenzene	5.12		"	10.0	0.00	51.2	74-119	Low Bias			
1,4-Dichlorobenzene	5.08		"	10.0	0.00	50.8	70-124	Low Bias			
1,4-Dioxane	0.00		"	210	0.00		40-160	Low Bias			
2-Butanone	11.2		"	10.0	0.00	112	40-160				
2-Hexanone	9.53		"	10.0	0.00	95.3	53-133				
4-Methyl-2-pentanone	7.53		"	10.0	0.00	75.3	40-150				
Acetone	9.66		"	10.0	1.15	85.1	40-149				
Acrolein	6.47		"	10.0	0.00	64.7	10-195				
Acrylonitrile	10.7		"	10.0	0.00	107	37-165				
Benzene	8.71		"	10.0	0.00	87.1	70-130				
Bromochloromethane	9.42		"	10.0	0.00	94.2	75-121				
Bromodichloromethane	8.51		"	10.0	0.00	85.1	70-129				
Bromoform	7.89		"	10.0	0.00	78.9	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike (BF50193-MS1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
Bromomethane	4.40		ug/L	10.0	0.00	44.0	40-158				
Carbon disulfide	6.96		"	10.0	0.00	69.6	40-138				
Carbon tetrachloride	7.01		"	10.0	0.00	70.1	71-130	Low Bias			
Chlorobenzene	7.02		"	10.0	0.00	70.2	81-117	Low Bias			
Chloroethane	7.91		"	10.0	0.00	79.1	51-145				
Chloroform	8.62		"	10.0	0.00	86.2	80-124				
Chloromethane	6.07		"	10.0	0.00	60.7	40-160				
cis-1,2-Dichloroethylene	8.62		"	10.0	0.00	86.2	76-125				
cis-1,3-Dichloropropylene	7.99		"	10.0	0.00	79.9	70-130				
Cyclohexane	3.10		"	10.0	0.00	31.0	70-130	Low Bias			
Dibromochloromethane	8.49		"	10.0	0.00	84.9	71-129				
Dibromomethane	9.11		"	10.0	0.00	91.1	76-120				
Dichlorodifluoromethane	3.20		"	10.0	0.00	32.0	40-147	Low Bias			
Ethyl Benzene	6.42		"	10.0	0.00	64.2	72-128	Low Bias			
Hexachlorobutadiene	2.95		"	10.0	0.00	29.5	34-166	Low Bias			
Isopropylbenzene	5.65		"	10.0	0.00	56.5	70-130	Low Bias			
Methyl acetate	11.3		"	10.0	0.00	113	70-130				
Methyl tert-butyl ether (MTBE)	9.91		"	10.0	0.00	99.1	75-128				
Methylcyclohexane	4.93		"	10.0	0.00	49.3	70-130	Low Bias			
Methylene chloride	8.99		"	10.0	0.00	89.9	70-128				
n-Butylbenzene	4.05		"	10.0	0.00	40.5	61-138	Low Bias			
n-Propylbenzene	5.12		"	10.0	0.00	51.2	66-134	Low Bias			
o-Xylene	7.11		"	10.0	0.00	71.1	70-126				
p- & m- Xylenes	12.8		"	20.0	0.00	64.2	70-130	Low Bias			
p-Isopropyltoluene	4.58		"	10.0	0.00	45.8	64-137	Low Bias			
sec-Butylbenzene	4.94		"	10.0	0.00	49.4	53-155	Low Bias			
Styrene	7.39		"	10.0	0.00	73.9	70-125				
tert-Butyl alcohol (TBA)	49.2		"	50.0	0.00	98.4	10-130				
tert-Butylbenzene	5.02		"	10.0	0.00	50.2	65-139	Low Bias			
Tetrachloroethylene	4.38		"	10.0	0.00	43.8	70-130	Low Bias			
Toluene	7.45		"	10.0	0.00	74.5	76-123	Low Bias			
trans-1,2-Dichloroethylene	7.79		"	10.0	0.00	77.9	79-130	Low Bias			
trans-1,3-Dichloropropylene	8.27		"	10.0	0.00	82.7	70-130				
trans-1,4-dichloro-2-butene	7.27		"	10.0	0.00	72.7	25-155				
Trichloroethylene	6.61		"	10.0	0.00	66.1	70-130	Low Bias			
Trichlorofluoromethane	5.82		"	10.0	0.00	58.2	61-142	Low Bias			
Vinyl Chloride	6.75		"	10.0	0.00	67.5	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.36*		*"*	*10.0*		*93.6*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike Dup (BF50193-MSD1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
1,1,1,2-Tetrachloroethane	9.49		ug/L	10.0	0.00	94.9	45-161		18.4	30	
1,1,1-Trichloroethane	9.73		"	10.0	0.00	97.3	70-130		24.3	20	Non-dir.
1,1,2,2-Tetrachloroethane	10.2		"	10.0	0.00	102	74-121		8.87	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.69		"	10.0	0.00	96.9	70-130		63.7	20	Non-dir.
1,1,2-Trichloroethane	10.8		"	10.0	0.00	108	70-130		15.1	20	
1,1-Dichloroethane	10.7		"	10.0	0.00	107	70-130		20.5	20	Non-dir.
1,1-Dichloroethylene	11.2		"	10.0	0.00	112	70-130		31.5	20	Non-dir.
1,2,3-Trichlorobenzene	8.00		"	10.0	0.00	80.0	70-130		49.8	20	Non-dir.
1,2,3-Trichloropropane	9.80		"	10.0	0.00	98.0	74-127		11.3	30	
1,2,4-Trichlorobenzene	7.40		"	10.0	0.00	74.0	70-130		65.0	20	Non-dir.
1,2,4-Trimethylbenzene	8.35		"	10.0	0.00	83.5	72-129		44.0	20	Non-dir.
1,2-Dibromo-3-chloropropane	8.91		"	10.0	0.00	89.1	40-151		24.6	20	Non-dir.
1,2-Dibromoethane	10.0		"	10.0	0.00	100	75-125		14.9	20	
1,2-Dichlorobenzene	8.57		"	10.0	0.00	85.7	70-122		33.7	20	Non-dir.
1,2-Dichloroethane	11.2		"	10.0	0.00	112	70-130		15.0	20	
1,2-Dichloropropane	10.8		"	10.0	0.00	108	77-121		16.5	20	
1,3,5-Trimethylbenzene	9.86		"	10.0	0.00	98.6	69-126		59.3	30	Non-dir.
1,3-Dichlorobenzene	8.14		"	10.0	0.00	81.4	74-119		45.6	20	Non-dir.
1,4-Dichlorobenzene	8.01		"	10.0	0.00	80.1	70-124		44.8	20	Non-dir.
1,4-Dioxane	0.00		"	210	0.00		40-160	Low Bias		20	
2-Butanone	11.5		"	10.0	0.00	115	40-160		2.11	20	
2-Hexanone	10.2		"	10.0	0.00	102	53-133		7.18	20	
4-Methyl-2-pentanone	8.57		"	10.0	0.00	85.7	40-150		12.9	20	
Acetone	10.2		"	10.0	1.15	91.0	40-149		5.93	20	
Acrolein	6.84		"	10.0	0.00	68.4	10-195		5.56	30	
Acrylonitrile	11.3		"	10.0	0.00	113	37-165		5.26	30	
Benzene	11.0		"	10.0	0.00	110	70-130		23.2	20	Non-dir.
Bromochloromethane	10.6		"	10.0	0.00	106	75-121		12.3	20	
Bromodichloromethane	10.0		"	10.0	0.00	100	70-129		16.4	20	
Bromoform	9.28		"	10.0	0.00	92.8	70-130		16.2	20	
Bromomethane	6.08		"	10.0	0.00	60.8	40-158		32.1	20	Non-dir.
Carbon disulfide	10.4		"	10.0	0.00	104	40-138		39.4	20	Non-dir.
Carbon tetrachloride	9.83		"	10.0	0.00	98.3	71-130		33.5	20	Non-dir.
Chlorobenzene	9.55		"	10.0	0.00	95.5	81-117		30.5	20	Non-dir.
Chloroethane	9.74		"	10.0	0.00	97.4	51-145		20.7	20	Non-dir.
Chloroform	10.3		"	10.0	0.00	103	80-124		18.0	20	
Chloromethane	7.83		"	10.0	0.00	78.3	40-160		25.3	20	Non-dir.
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125		19.2	20	
cis-1,3-Dichloropropylene	9.51		"	10.0	0.00	95.1	70-130		17.4	20	
Cyclohexane	4.98		"	10.0	0.00	49.8	70-130	Low Bias	46.5	20	Non-dir.
Dibromochloromethane	9.81		"	10.0	0.00	98.1	71-129		14.4	20	
Dibromomethane	10.2		"	10.0	0.00	102	76-120		11.5	30	
Dichlorodifluoromethane	5.52		"	10.0	0.00	55.2	40-147		53.2	20	Non-dir.
Ethyl Benzene	9.81		"	10.0	0.00	98.1	72-128		41.8	20	Non-dir.
Hexachlorobutadiene	7.24		"	10.0	0.00	72.4	34-166		84.2	30	Non-dir.
Isopropylbenzene	8.51		"	10.0	0.00	85.1	70-130		40.4	20	Non-dir.
Methyl acetate	11.9		"	10.0	0.00	119	70-130		5.08	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0	0.00	111	75-128		11.1	20	
Methylcyclohexane	9.76		"	10.0	0.00	97.6	70-130		65.8	20	Non-dir.
Methylene chloride	10.5		"	10.0	0.00	105	70-128		15.3	20	
n-Butylbenzene	8.27		"	10.0	0.00	82.7	61-138		68.5	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

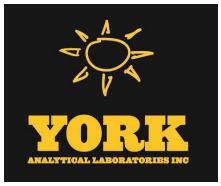
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50193 - EPA 5030B											
Matrix Spike Dup (BF50193-MSD1)	*Source sample: 25E1596-05 (MW-14)							Prepared & Analyzed: 06/02/2025			
n-Propylbenzene	8.69		ug/L	10.0	0.00	86.9	66-134		51.7	30	Non-dir.
o-Xylene	9.92		"	10.0	0.00	99.2	70-126		33.0	20	Non-dir.
p- & m- Xylenes	19.6		"	20.0	0.00	98.0	70-130		41.7	20	Non-dir.
p-Isopropyltoluene	8.21		"	10.0	0.00	82.1	64-137		56.8	30	Non-dir.
sec-Butylbenzene	8.47		"	10.0	0.00	84.7	53-155		52.6	30	Non-dir.
Styrene	10.2		"	10.0	0.00	102	70-125		32.2	20	Non-dir.
tert-Butyl alcohol (TBA)	59.2		"	50.0	0.00	118	10-130		18.5	30	
tert-Butylbenzene	7.46		"	10.0	0.00	74.6	65-139		39.1	30	Non-dir.
Tetrachloroethylene	8.06		"	10.0	0.00	80.6	70-130		59.2	20	Non-dir.
Toluene	10.0		"	10.0	0.00	100	76-123		29.4	20	Non-dir.
trans-1,2-Dichloroethylene	10.6		"	10.0	0.00	106	79-130		30.2	20	Non-dir.
trans-1,3-Dichloropropylene	9.78		"	10.0	0.00	97.8	70-130		16.7	20	
trans-1,4-dichloro-2-butene	8.50		"	10.0	0.00	85.0	25-155		15.6	30	
Trichloroethylene	9.70		"	10.0	0.00	97.0	70-130		37.9	20	Non-dir.
Trichlorofluoromethane	8.82		"	10.0	0.00	88.2	61-142		41.0	20	Non-dir.
Vinyl Chloride	9.05		"	10.0	0.00	90.5	70-130		29.1	20	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
Blank (BF50204-BLK1)											
Prepared & Analyzed: 06/03/2025											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	8.67		"	10.0		86.7	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	45-147				
1,2-Dibromoethane	9.51		"	10.0		95.1	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3,5-Trimethylbenzene	12.6		"	10.0		126	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124				
1,4-Dioxane	0.00		"	210			10-349	Low Bias			
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	9.18		"	10.0		91.8	51-146				
4-Methyl-2-pentanone	7.58		"	10.0		75.8	57-145				
Acetone	8.87		"	10.0		88.7	14-150				
Acrolein	7.30		"	10.0		73.0	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	11.4		"	10.0		114	85-126				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	8.03		"	10.0		80.3	78-133				
Bromomethane	6.83		"	10.0		68.3	43-168				
Carbon disulfide	10.5		"	10.0		105	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.60		"	10.0		96.0	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	7.44		"	10.0		74.4	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	5.54		"	10.0		55.4	63-149	Low Bias			
Dibromochloromethane	9.82		"	10.0		98.2	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	4.64		"	10.0		46.4	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	8.85		"	10.0		88.5	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				
n-Butylbenzene	10.6		"	10.0		106	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS (BF50204-BS1)								Prepared & Analyzed: 06/03/2025			
n-Propylbenzene	11.0		ug/L	10.0		110	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	47.3		"	50.0		94.6	25-162				
tert-Butylbenzene	9.32		"	10.0		93.2	77-138				
Tetrachloroethylene	9.26		"	10.0		92.6	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	9.98		"	10.0		99.8	78-131				
trans-1,4-dichloro-2-butene	9.59		"	10.0		95.9	63-141				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	9.00		"	10.0		90.0	67-139				
Vinyl Chloride	8.58		"	10.0		85.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.0985	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136		3.52	30	
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	76-129		13.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.80		"	10.0		98.0	54-165		4.59	30	
1,1,2-Trichloroethane	11.5		"	10.0		115	82-123		9.82	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		4.18	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		4.58	30	
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	76-136		13.7	30	
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128		9.46	30	
1,2,4-Trichlorobenzene	9.89		"	10.0		98.9	76-137		12.6	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		0.857	30	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	45-147		19.0	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.9	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		6.46	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		6.34	30	
1,2-Dichloropropane	11.1		"	10.0		111	78-126		3.20	30	
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131		3.96	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.199	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		1.02	30	
1,4-Dioxane	0.00		"	210			10-349	Low Bias		30	
2-Butanone	13.6		"	10.0		136	49-152		28.5	30	
2-Hexanone	11.5		"	10.0		115	51-146		22.3	30	
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145		20.5	30	
Acetone	11.1		"	10.0		111	14-150		22.3	30	
Acrolein	8.33		"	10.0		83.3	10-153		13.2	30	
Acrylonitrile	13.0		"	10.0		130	51-150		18.9	30	
Benzene	11.0		"	10.0		110	85-126		2.86	30	
Bromochloromethane	11.1		"	10.0		111	77-128		4.04	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		1.42	30	
Bromoform	10.8		"	10.0		108	78-133		29.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50204 - EPA 5030B											
LCS Dup (BF50204-BSD1)								Prepared & Analyzed: 06/03/2025			
Bromomethane	6.36		ug/L	10.0		63.6	43-168		7.13	30	
Carbon disulfide	9.91		"	10.0		99.1	68-146		5.59	30	
Carbon tetrachloride	9.86		"	10.0		98.6	77-141		6.19	30	
Chlorobenzene	10.0		"	10.0		100	88-120		3.72	30	
Chloroethane	9.09		"	10.0		90.9	65-136		5.46	30	
Chloroform	10.7		"	10.0		107	82-128		0.467	30	
Chloromethane	6.76		"	10.0		67.6	43-155		9.58	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		1.92	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		3.32	30	
Cyclohexane	5.30		"	10.0		53.0	63-149	Low Bias	4.43	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		7.55	30	
Dibromomethane	11.2		"	10.0		112	72-134		8.49	30	
Dichlorodifluoromethane	4.36		"	10.0		43.6	44-144	Low Bias	6.22	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.31	30	
Hexachlorobutadiene	9.64		"	10.0		96.4	67-146		8.55	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		6.97	30	
Methyl acetate	12.8		"	10.0		128	51-139		12.6	30	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135		15.2	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		6.01	30	
Methylene chloride	10.6		"	10.0		106	55-137		0.945	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		0.283	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		4.64	30	
o-Xylene	10.4		"	10.0		104	78-130		2.27	30	
p- & m- Xylenes	20.9		"	20.0		104	77-133		4.35	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		0.477	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		1.91	30	
Styrene	11.0		"	10.0		110	67-132		0.731	30	
tert-Butyl alcohol (TBA)	69.5		"	50.0		139	25-162		38.0	30	Non-dir.
tert-Butylbenzene	8.98		"	10.0		89.8	77-138		3.72	30	
Tetrachloroethylene	8.51		"	10.0		85.1	82-131		8.44	30	
Toluene	10.5		"	10.0		105	80-127		4.48	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		5.81	30	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131		7.80	30	
trans-1,4-dichloro-2-butene	10.6		"	10.0		106	63-141		10.3	30	
Trichloroethylene	9.81		"	10.0		98.1	82-128		7.17	30	
Trichlorofluoromethane	8.43		"	10.0		84.3	67-139		6.54	30	
Vinyl Chloride	7.93		"	10.0		79.3	58-145		7.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25E1596-01	MW-9 (20252305)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-02	MW-10 (20252305)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-03	MW-11R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-04	MW-13R	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-05	MW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-06	MW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-07	FB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25E1596-08	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 25E1596

Samples Received: 05/23/2025 19:00 **By:** Victor C. DeJesus **Logged In:** 05/23/2025 15:16 **By:** Jenny M Fogle

Sample Conditions:

- [ ] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [x] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
25E1596-01	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-01RE1	EPA 5030B	06/02/2025 11:00	06/02/2025 11:00	Adanny Camacho
25E1596-02	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-03	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-04	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-05	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-06	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-07	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho
25E1596-08	EPA 5030B	06/02/2025 12:00	06/02/2025 12:00	Adanny Camacho

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
25E1596-01	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 20:28	Adanny Camacho
25E1596-01RE1	VOA, 8260 LOW MASTER	06/02/2025 11:00	06/03/2025 17:58	Adanny Camacho
25E1596-02	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 20:52	Adanny Camacho
25E1596-03	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 21:17	Adanny Camacho
25E1596-04	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 21:42	Adanny Camacho
25E1596-05	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 22:06	Adanny Camacho
25E1596-06	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 22:31	Adanny Camacho
25E1596-07	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 20:03	Adanny Camacho
25E1596-08	VOA, 8260 LOW MASTER	06/02/2025 12:00	06/02/2025 19:38	Adanny Camacho

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25E1596

Page _____ of _____

Report To:	Invoice To:
Company: Hydro Tech Environmental	Company:
Address: 231 West 29th St, New York, NY.	Address: SAME
Phone.: 631-241-7965	Phone.:
Contact: Paul Matli	Contact:
E-mail: pmatli@hydrotechenvironmental.com	E-mail:

YOUR Project Name / Number: 230051 - 170 Freeman Street, Brooklyn

PO Number:

Samples Collected From: NY ✓ | NJ | CT | PA | Other: (please specify)

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Amodya Singh

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	EPA 8260	Grab or Comp. G/C
MW-9 (20252305)	05/23/25	12:24	GW	X											
MW-10 (20252305)		11:42am		X											
MW-11R		1:02pm		X											
MW-13R		9:31am		X											
MW-14 MS/MSD		10:15am		X											
MW-15		11:05		X											
FB		11:02am	DI	X											
TB			DI												

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

NYSDEC GQS

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Amodya 1418	05/23/25		5/23/25 1418		5/23/25 1602
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
					19:00
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					5/23/25 19:00 2.8 °C

York Analytical Laboratories, Inc.
SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

SDG: 25E1596

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Client Sample Id:	Lab Sample Id:
MW-9 (20252305)	25E1596-01
MW-9 (20252305)	25E1596-01RE1
MW-10 (20252305)	25E1596-02
MW-11R	25E1596-03
MW-13R	25E1596-04
MW-14	25E1596-05
MW-15	25E1596-06
FB	25E1596-07
TB	25E1596-08

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the

Signature: 

Name: Cassie L. Mosher

Date: 7/8/2025

Title: Laboratory Manager

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF50193-BS1)			Lab File ID: QV935911.D		Analyzed: 06/02/25 14:23			
SURR: 1,2-Dichloroethane-d4	10.0	94.0	70 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
LCS Dup (BF50193-BSD1)			Lab File ID: QV935912.D		Analyzed: 06/02/25 14:47			
SURR: 1,2-Dichloroethane-d4	10.0	110	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Blank (BF50193-BLK1)			Lab File ID: QV935914.D		Analyzed: 06/02/25 16:51			
SURR: 1,2-Dichloroethane-d4	10.0	111	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	95.0	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
TB (25E1596-08)			Lab File ID: QV935920.D		Analyzed: 06/02/25 19:38			
SURR: 1,2-Dichloroethane-d4	10.0	103	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	105	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	96.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
FB (25E1596-07)			Lab File ID: QV935921.D		Analyzed: 06/02/25 20:03			
SURR: 1,2-Dichloroethane-d4	10.0	112	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.9	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-9 (20252305) (25E1596-01)			Lab File ID: QV935922.D		Analyzed: 06/02/25 20:28			
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.6	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-10 (20252305) (25E1596-02)			Lab File ID: QV935923.D		Analyzed: 06/02/25 20:52			
SURR: 1,2-Dichloroethane-d4	10.0	113	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.4	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	92.4	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-11R (25E1596-03)			Lab File ID: QV935924.D		Analyzed: 06/02/25 21:17			
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	90.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-13R (25E1596-04)			Lab File ID: QV935925.D		Analyzed: 06/02/25 21:42			
SURR: 1,2-Dichloroethane-d4	10.0	117	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.2	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-14 (25E1596-05)			Lab File ID: QV935926.D		Analyzed: 06/02/25 22:06			
SURR: 1,2-Dichloroethane-d4	10.0	117	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.0	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-15 (25E1596-06)			Lab File ID: QV935927.D		Analyzed: 06/02/25 22:31			
SURR: 1,2-Dichloroethane-d4	10.0	112	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	94.1	79 - 122	10.316	10.31533	0.0007	+/-0.50	
Matrix Spike (BF50193-MS1)			Lab File ID: QV935928.D		Analyzed: 06/02/25 22:56			
SURR: 1,2-Dichloroethane-d4	10.0	114	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.8	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	93.6	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Matrix Spike Dup (BF50193-MSD1)			Lab File ID: QV935929.D		Analyzed: 06/02/25 23:20			
SURR: 1,2-Dichloroethane-d4	10.0	116	70 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.2	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.3	79 - 122	10.313	10.31533	-0.0023	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0337
Instrument: QVOA9
Calibration: SE50045

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF50204-BS1)			Lab File ID: QV935933.D		Analyzed: 06/03/25 12:42			
SURR: 1,2-Dichloroethane-d4	10.0	102	69 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	99.7	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
LCS Dup (BF50204-BSD1)			Lab File ID: QV935934.D		Analyzed: 06/03/25 13:07			
SURR: 1,2-Dichloroethane-d4	10.0	109	69 - 130	5.649	5.652	-0.0030	+/-0.50	
SURR: Toluene-d8	10.0	98.6	81 - 117	7.521	7.523667	-0.0027	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.313	10.31533	-0.0023	+/-0.50	
Blank (BF50204-BLK1)			Lab File ID: QV935936.D		Analyzed: 06/03/25 14:46			
SURR: 1,2-Dichloroethane-d4	10.0	111	69 - 130	5.652	5.652	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.7	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.3	79 - 122	10.316	10.31533	0.0007	+/-0.50	
MW-9 (20252305) (25E1596-01RE1)			Lab File ID: QV935942.D		Analyzed: 06/03/25 17:58			
SURR: 1,2-Dichloroethane-d4	10.0	119	69 - 130	5.655	5.652	0.0030	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.524	7.523667	0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	93.3	79 - 122	10.316	10.31533	0.0007	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	7.89	78.9	45 - 161
1,1,1-Trichloroethane	10.0	0.00	7.62	76.2	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	9.37	93.7	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	5.01	50.1 *	70 - 130
1,1,2-Trichloroethane	10.0	0.00	9.33	93.3	70 - 130
1,1-Dichloroethane	10.0	0.00	8.71	87.1	70 - 130
1,1-Dichloroethylene	10.0	0.00	8.13	81.3	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	4.81	48.1 *	70 - 130
1,2,3-Trichloropropane	10.0	0.00	8.75	87.5	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	3.77	37.7 *	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	5.34	53.4 *	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	6.96	69.6	40 - 151
1,2-Dibromoethane	10.0	0.00	8.63	86.3	75 - 125
1,2-Dichlorobenzene	10.0	0.00	6.10	61.0 *	70 - 122
1,2-Dichloroethane	10.0	0.00	9.63	96.3	70 - 130
1,2-Dichloropropane	10.0	0.00	9.20	92.0	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	5.35	53.5 *	69 - 126
1,3-Dichlorobenzene	10.0	0.00	5.12	51.2 *	74 - 119
1,4-Dichlorobenzene	10.0	0.00	5.08	50.8 *	70 - 124
1,4-Dioxane	210	0.00	0.00	*	40 - 160
2-Butanone	10.0	0.00	11.2	112	40 - 160
2-Hexanone	10.0	0.00	9.53	95.3	53 - 133
4-Methyl-2-pentanone	10.0	0.00	7.53	75.3	40 - 150
Acetone	10.0	1.15	9.66	85.1	40 - 149
Acrolein	10.0	0.00	6.47	64.7	10 - 195
Acrylonitrile	10.0	0.00	10.7	107	37 - 165
Benzene	10.0	0.00	8.71	87.1	70 - 130
Bromochloromethane	10.0	0.00	9.42	94.2	75 - 121
Bromodichloromethane	10.0	0.00	8.51	85.1	70 - 129
Bromoform	10.0	0.00	7.89	78.9	70 - 130
Bromomethane	10.0	0.00	4.40	44.0	40 - 158

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	0.00	6.96	69.6	40 - 138
Carbon tetrachloride	10.0	0.00	7.01	70.1 *	71 - 130
Chlorobenzene	10.0	0.00	7.02	70.2 *	81 - 117
Chloroethane	10.0	0.00	7.91	79.1	51 - 145
Chloroform	10.0	0.00	8.62	86.2	80 - 124
Chloromethane	10.0	0.00	6.07	60.7	40 - 160
cis-1,2-Dichloroethylene	10.0	0.00	8.62	86.2	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	7.99	79.9	70 - 130
Cyclohexane	10.0	0.00	3.10	31.0 *	70 - 130
Dibromochloromethane	10.0	0.00	8.49	84.9	71 - 129
Dibromomethane	10.0	0.00	9.11	91.1	76 - 120
Dichlorodifluoromethane	10.0	0.00	3.20	32.0 *	40 - 147
Ethyl Benzene	10.0	0.00	6.42	64.2 *	72 - 128
Hexachlorobutadiene	10.0	0.00	2.95	29.5 *	34 - 166
Isopropylbenzene	10.0	0.00	5.65	56.5 *	70 - 130
Methyl acetate	10.0	0.00	11.3	113	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	9.91	99.1	75 - 128
Methylcyclohexane	10.0	0.00	4.93	49.3 *	70 - 130
Methylene chloride	10.0	0.00	8.99	89.9	70 - 128
n-Butylbenzene	10.0	0.00	4.05	40.5 *	61 - 138
n-Propylbenzene	10.0	0.00	5.12	51.2 *	66 - 134
o-Xylene	10.0	0.00	7.11	71.1	70 - 126
p- & m- Xylenes	20.0	0.00	12.8	64.2 *	70 - 130
p-Isopropyltoluene	10.0	0.00	4.58	45.8 *	64 - 137
sec-Butylbenzene	10.0	0.00	4.94	49.4 *	53 - 155
Styrene	10.0	0.00	7.39	73.9	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	49.2	98.4	10 - 130
tert-Butylbenzene	10.0	0.00	5.02	50.2 *	65 - 139
Tetrachloroethylene	10.0	0.00	4.38	43.8 *	70 - 130
Toluene	10.0	0.00	7.45	74.5 *	76 - 123
trans-1,2-Dichloroethylene	10.0	0.00	7.79	77.9 *	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	8.27	82.7	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
trans-1,4-dichloro-2-butene	10.0	0.00	7.27	72.7	25 - 155
Trichloroethylene	10.0	0.00	6.61	66.1 *	70 - 130
Trichlorofluoromethane	10.0	0.00	5.82	58.2 *	61 - 142
Vinyl Chloride	10.0	0.00	6.75	67.5 *	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.49	94.9	18.4	30	45 - 161
1,1,1-Trichloroethane	10.0	9.73	97.3	24.3 *	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102	8.87	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.69	96.9	63.7 *	20	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	15.1	20	70 - 130
1,1-Dichloroethane	10.0	10.7	107	20.5 *	20	70 - 130
1,1-Dichloroethylene	10.0	11.2	112	31.5 *	20	70 - 130
1,2,3-Trichlorobenzene	10.0	8.00	80.0	49.8 *	20	70 - 130
1,2,3-Trichloropropane	10.0	9.80	98.0	11.3	30	74 - 127
1,2,4-Trichlorobenzene	10.0	7.40	74.0	65.0 *	20	70 - 130
1,2,4-Trimethylbenzene	10.0	8.35	83.5	44.0 *	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	8.91	89.1	24.6 *	20	40 - 151
1,2-Dibromoethane	10.0	10.0	100	14.9	20	75 - 125
1,2-Dichlorobenzene	10.0	8.57	85.7	33.7 *	20	70 - 122
1,2-Dichloroethane	10.0	11.2	112	15.0	20	70 - 130
1,2-Dichloropropane	10.0	10.8	108	16.5	20	77 - 121
1,3,5-Trimethylbenzene	10.0	9.86	98.6	59.3 *	30	69 - 126
1,3-Dichlorobenzene	10.0	8.14	81.4	45.6 *	20	74 - 119
1,4-Dichlorobenzene	10.0	8.01	80.1	44.8 *	20	70 - 124
1,4-Dioxane	210	0.00	*		20	40 - 160
2-Butanone	10.0	11.5	115	2.11	20	40 - 160
2-Hexanone	10.0	10.2	102	7.18	20	53 - 133
4-Methyl-2-pentanone	10.0	8.57	85.7	12.9	20	40 - 150
Acetone	10.0	10.2	91.0	5.93	20	40 - 149
Acrolein	10.0	6.84	68.4	5.56	30	10 - 195
Acrylonitrile	10.0	11.3	113	5.26	30	37 - 165
Benzene	10.0	11.0	110	23.2 *	20	70 - 130
Bromochloromethane	10.0	10.6	106	12.3	20	75 - 121
Bromodichloromethane	10.0	10.0	100	16.4	20	70 - 129
Bromoform	10.0	9.28	92.8	16.2	20	70 - 130
Bromomethane	10.0	6.08	60.8	32.1 *	20	40 - 158
Carbon disulfide	10.0	10.4	104	39.4 *	20	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	10.0	9.83	98.3	33.5 *	20	71 - 130
Chlorobenzene	10.0	9.55	95.5	30.5 *	20	81 - 117
Chloroethane	10.0	9.74	97.4	20.7 *	20	51 - 145
Chloroform	10.0	10.3	103	18.0	20	80 - 124
Chloromethane	10.0	7.83	78.3	25.3 *	20	40 - 160
cis-1,2-Dichloroethylene	10.0	10.4	104	19.2	20	76 - 125
cis-1,3-Dichloropropylene	10.0	9.51	95.1	17.4	20	70 - 130
Cyclohexane	10.0	4.98	49.8 *	46.5 *	20	70 - 130
Dibromochloromethane	10.0	9.81	98.1	14.4	20	71 - 129
Dibromomethane	10.0	10.2	102	11.5	30	76 - 120
Dichlorodifluoromethane	10.0	5.52	55.2	53.2 *	20	40 - 147
Ethyl Benzene	10.0	9.81	98.1	41.8 *	20	72 - 128
Hexachlorobutadiene	10.0	7.24	72.4	84.2 *	30	34 - 166
Isopropylbenzene	10.0	8.51	85.1	40.4 *	20	70 - 130
Methyl acetate	10.0	11.9	119	5.08	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	11.1	20	75 - 128
Methylcyclohexane	10.0	9.76	97.6	65.8 *	20	70 - 130
Methylene chloride	10.0	10.5	105	15.3	20	70 - 128
n-Butylbenzene	10.0	8.27	82.7	68.5 *	30	61 - 138
n-Propylbenzene	10.0	8.69	86.9	51.7 *	30	66 - 134
o-Xylene	10.0	9.92	99.2	33.0 *	20	70 - 126
p- & m- Xylenes	20.0	19.6	98.0	41.7 *	20	70 - 130
p-Isopropyltoluene	10.0	8.21	82.1	56.8 *	30	64 - 137
sec-Butylbenzene	10.0	8.47	84.7	52.6 *	30	53 - 155
Styrene	10.0	10.2	102	32.2 *	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	59.2	118	18.5	30	10 - 130
tert-Butylbenzene	10.0	7.46	74.6	39.1 *	30	65 - 139
Tetrachloroethylene	10.0	8.06	80.6	59.2 *	20	70 - 130
Toluene	10.0	10.0	100	29.4 *	20	76 - 123
trans-1,2-Dichloroethylene	10.0	10.6	106	30.2 *	20	79 - 130
trans-1,3-Dichloropropylene	10.0	9.78	97.8	16.7	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	8.50	85.0	15.6	30	25 - 155
Trichloroethylene	10.0	9.70	97.0	37.9 *	20	70 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
Trichlorofluoromethane	10.0	8.82	88.2	41.0	*	20	61 - 142
Vinyl Chloride	10.0	9.05	90.5	29.1	*	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.1	101	82 - 126
1,1,1-Trichloroethane	10.0	10.4	104	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.4	104	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	82 - 123
1,1-Dichloroethane	10.0	10.9	109	82 - 129
1,1-Dichloroethylene	10.0	11.2	112	70 - 130
1,2,3-Trichlorobenzene	10.0	9.18	91.8	76 - 130
1,2,3-Trichloropropane	10.0	10.4	104	77 - 128
1,2,4-Trichlorobenzene	10.0	9.06	90.6	76 - 130
1,2,4-Trimethylbenzene	10.0	11.2	112	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.2	102	45 - 147
1,2-Dibromoethane	10.0	9.46	94.6	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	79 - 123
1,2-Dichloroethane	10.0	10.4	104	73 - 130
1,2-Dichloropropane	10.0	11.1	111	78 - 126
1,3,5-Trimethylbenzene	10.0	13.6	136 *	80 - 131
1,3-Dichlorobenzene	10.0	10.7	107	86 - 122
1,4-Dichlorobenzene	10.0	10.3	103	85 - 124
1,4-Dioxane	210	0.00	*	40 - 160
2-Butanone	10.0	9.35	93.5	49 - 152
2-Hexanone	10.0	8.31	83.1	51 - 146
4-Methyl-2-pentanone	10.0	6.72	67.2	57 - 145
Acetone	10.0	8.24	82.4	40 - 150
Acrolein	10.0	6.16	61.6	10 - 153
Acrylonitrile	10.0	9.43	94.3	51 - 150
Benzene	10.0	11.3	113	85 - 126
Bromochloromethane	10.0	10.2	102	77 - 128
Bromodichloromethane	10.0	10.6	106	79 - 128
Bromoform	10.0	9.18	91.8	78 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.51	65.1	43 - 160
Carbon disulfide	10.0	10.8	108	68 - 146
Carbon tetrachloride	10.0	10.7	107	77 - 130
Chlorobenzene	10.0	10.5	105	88 - 120
Chloroethane	10.0	9.64	96.4	65 - 136
Chloroform	10.0	10.6	106	82 - 128
Chloromethane	10.0	7.79	77.9	43 - 155
cis-1,2-Dichloroethylene	10.0	10.9	109	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 130
Cyclohexane	10.0	5.17	51.7 *	70 - 130
Dibromochloromethane	10.0	9.68	96.8	80 - 130
Dibromomethane	10.0	9.92	99.2	72 - 134
Dichlorodifluoromethane	10.0	5.06	50.6	44 - 144
Ethyl Benzene	10.0	11.1	111	80 - 130
Hexachlorobutadiene	10.0	8.60	86.0	67 - 146
Isopropylbenzene	10.0	11.8	118	76 - 130
Methyl acetate	10.0	9.84	98.4	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	9.51	95.1	76 - 130
Methylcyclohexane	10.0	10.8	108	72 - 130
Methylene chloride	10.0	10.2	102	70 - 130
n-Butylbenzene	10.0	10.9	109	79 - 132
n-Propylbenzene	10.0	11.8	118	78 - 133
o-Xylene	10.0	10.7	107	78 - 130
p- & m- Xylenes	20.0	22.2	111	77 - 130
p-Isopropyltoluene	10.0	11.3	113	81 - 136
sec-Butylbenzene	10.0	11.3	113	79 - 137
Styrene	10.0	11.0	110	70 - 130
tert-Butyl alcohol (TBA)	50.0	41.6	83.2	25 - 162
tert-Butylbenzene	10.0	10.0	100	77 - 138
Tetrachloroethylene	10.0	9.41	94.1	82 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.1	111	80 - 127
trans-1,2-Dichloroethylene	10.0	11.0	110	80 - 130
trans-1,3-Dichloropropylene	10.0	9.97	99.7	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.68	96.8	63 - 141
Trichloroethylene	10.0	10.8	108	82 - 128
Trichlorofluoromethane	10.0	9.28	92.8	67 - 139
Vinyl Chloride	10.0	8.82	88.2	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.95	99.5	1.89	30	82 - 126
1,1,1-Trichloroethane	10.0	9.58	95.8	8.50	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	12.0	120	12.1	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	10.0	9.49	94.9	8.86	20	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	7.78	20	82 - 123
1,1-Dichloroethane	10.0	10.2	102	7.22	20	82 - 129
1,1-Dichloroethylene	10.0	10.2	102	10.1	20	70 - 130
1,2,3-Trichlorobenzene	10.0	10.5	105	13.0	20	76 - 130
1,2,3-Trichloropropane	10.0	11.5	115	10.2	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.68	96.8	6.62	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	8.83	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.8	108	5.98	20	45 - 147
1,2-Dibromoethane	10.0	10.4	104	9.66	20	83 - 124
1,2-Dichlorobenzene	10.0	10.4	104	0.576	20	79 - 123
1,2-Dichloroethane	10.0	11.1	111	6.80	20	73 - 130
1,2-Dichloropropane	10.0	10.7	107	4.12	20	78 - 126
1,3,5-Trimethylbenzene	10.0	11.9	119	12.9	30	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	5.59	20	86 - 122
1,4-Dichlorobenzene	10.0	9.82	98.2	4.48	20	85 - 124
1,4-Dioxane	210	0.00	*		20	40 - 160
2-Butanone	10.0	12.6	126	29.2 *	20	49 - 152
2-Hexanone	10.0	10.6	106	24.1 *	20	51 - 146
4-Methyl-2-pentanone	10.0	8.65	86.5	25.1 *	20	57 - 145
Acetone	10.0	10.5	105	23.7 *	20	40 - 150
Acrolein	10.0	7.68	76.8	22.0	30	10 - 153
Acrylonitrile	10.0	12.1	121	24.6	30	51 - 150
Benzene	10.0	10.7	107	5.36	20	85 - 126
Bromochloromethane	10.0	10.7	107	5.26	20	77 - 128
Bromodichloromethane	10.0	10.3	103	2.96	20	79 - 128
Bromoform	10.0	10.0	100	8.85	20	78 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50193
Laboratory ID: BF50193-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	5.80	58.0	11.5	20	43 - 160
Carbon disulfide	10.0	9.88	98.8	8.43	20	68 - 146
Carbon tetrachloride	10.0	9.91	99.1	8.04	20	77 - 130
Chlorobenzene	10.0	9.75	97.5	7.60	20	88 - 120
Chloroethane	10.0	8.61	86.1	11.3	20	65 - 136
Chloroform	10.0	10.4	104	2.76	20	82 - 128
Chloromethane	10.0	6.60	66.0	16.5	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.5	105	4.30	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.0	100	0.596	20	80 - 130
Cyclohexane	10.0	4.85	48.5 *	6.39	20	70 - 130
Dibromochloromethane	10.0	10.4	104	7.08	20	80 - 130
Dibromomethane	10.0	10.8	108	8.22	30	72 - 134
Dichlorodifluoromethane	10.0	4.52	45.2	11.3	20	44 - 144
Ethyl Benzene	10.0	9.98	99.8	10.5	20	80 - 130
Hexachlorobutadiene	10.0	9.17	91.7	6.42	30	67 - 146
Isopropylbenzene	10.0	10.3	103	13.4	20	76 - 130
Methyl acetate	10.0	12.3	123	22.1 *	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.6	116	19.8	20	76 - 130
Methylcyclohexane	10.0	9.84	98.4	9.49	20	72 - 130
Methylene chloride	10.0	10.2	102	0.196	20	70 - 130
n-Butylbenzene	10.0	10.4	104	4.14	30	79 - 132
n-Propylbenzene	10.0	10.3	103	13.6	30	78 - 133
o-Xylene	10.0	10.1	101	6.15	20	78 - 130
p- & m- Xylenes	20.0	20.0	99.8	10.5	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	8.28	30	81 - 136
sec-Butylbenzene	10.0	10.3	103	9.47	30	79 - 137
Styrene	10.0	10.6	106	3.15	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	69.7	139	50.5 *	30	25 - 162
tert-Butylbenzene	10.0	8.98	89.8	10.7	30	77 - 138
Tetrachloroethylene	10.0	8.30	83.0	12.5	20	82 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50193	Laboratory ID:	BF50193-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.0	100	10.4	20	80 - 127
trans-1,2-Dichloroethylene	10.0	10.2	102	7.47	20	80 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	4.51	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	10.8	108	10.7	30	63 - 141
Trichloroethylene	10.0	9.53	95.3	12.5	20	82 - 128
Trichlorofluoromethane	10.0	8.37	83.7	10.3	20	67 - 139
Vinyl Chloride	10.0	7.58	75.8	15.1	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	10.1	101	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.5	105	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.3	103	54 - 165
1,1,2-Trichloroethane	10.0	10.5	105	82 - 123
1,1-Dichloroethane	10.0	11.0	110	82 - 129
1,1-Dichloroethylene	10.0	11.0	110	68 - 138
1,2,3-Trichlorobenzene	10.0	8.67	86.7	76 - 136
1,2,3-Trichloropropane	10.0	10.6	106	77 - 128
1,2,4-Trichlorobenzene	10.0	8.72	87.2	76 - 137
1,2,4-Trimethylbenzene	10.0	10.6	106	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.13	91.3	45 - 147
1,2-Dibromoethane	10.0	9.51	95.1	83 - 124
1,2-Dichlorobenzene	10.0	10.0	100	79 - 123
1,2-Dichloroethane	10.0	10.8	108	73 - 132
1,2-Dichloropropane	10.0	11.4	114	78 - 126
1,3,5-Trimethylbenzene	10.0	12.6	126	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	86 - 122
1,4-Dichlorobenzene	10.0	9.79	97.9	85 - 124
1,4-Dioxane	210	0.00	*	10 - 349
2-Butanone	10.0	10.2	102	49 - 152
2-Hexanone	10.0	9.18	91.8	51 - 146
4-Methyl-2-pentanone	10.0	7.58	75.8	57 - 145
Acetone	10.0	8.87	88.7	14 - 150
Acrolein	10.0	7.30	73.0	10 - 153
Acrylonitrile	10.0	10.8	108	51 - 150
Benzene	10.0	11.4	114	85 - 126
Bromochloromethane	10.0	10.7	107	77 - 128
Bromodichloromethane	10.0	10.5	105	79 - 128
Bromoform	10.0	8.03	80.3	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	10.0	6.83	68.3	43 - 168
Carbon disulfide	10.0	10.5	105	68 - 146
Carbon tetrachloride	10.0	10.5	105	77 - 141
Chlorobenzene	10.0	10.4	104	88 - 120
Chloroethane	10.0	9.60	96.0	65 - 136
Chloroform	10.0	10.7	107	82 - 128
Chloromethane	10.0	7.44	74.4	43 - 155
cis-1,2-Dichloroethylene	10.0	11.0	110	83 - 129
cis-1,3-Dichloropropylene	10.0	10.1	101	80 - 131
Cyclohexane	10.0	5.54	55.4 *	63 - 149
Dibromochloromethane	10.0	9.82	98.2	80 - 130
Dibromomethane	10.0	10.3	103	72 - 134
Dichlorodifluoromethane	10.0	4.64	46.4	44 - 144
Ethyl Benzene	10.0	10.9	109	80 - 131
Hexachlorobutadiene	10.0	8.85	88.5	67 - 146
Isopropylbenzene	10.0	11.0	110	76 - 140
Methyl acetate	10.0	11.3	113	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	10.1	101	76 - 135
Methylcyclohexane	10.0	11.0	110	72 - 143
Methylene chloride	10.0	10.5	105	55 - 137
n-Butylbenzene	10.0	10.6	106	79 - 132
n-Propylbenzene	10.0	11.0	110	78 - 133
o-Xylene	10.0	10.7	107	78 - 130
p- & m- Xylenes	20.0	21.8	109	77 - 133
p-Isopropyltoluene	10.0	10.5	105	81 - 136
sec-Butylbenzene	10.0	10.6	106	79 - 137
Styrene	10.0	10.9	109	67 - 132
tert-Butyl alcohol (TBA)	50.0	47.3	94.6	25 - 162
tert-Butylbenzene	10.0	9.32	93.2	77 - 138
Tetrachloroethylene	10.0	9.26	92.6	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water		
Batch:	BF50204	Laboratory ID:	BF50204-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.0	110	80 - 127
trans-1,2-Dichloroethylene	10.0	11.2	112	80 - 132
trans-1,3-Dichloropropylene	10.0	9.98	99.8	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.59	95.9	63 - 141
Trichloroethylene	10.0	10.5	105	82 - 128
Trichlorofluoromethane	10.0	9.00	90.0	67 - 139
Vinyl Chloride	10.0	8.58	85.8	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.0985	30	82 - 126
1,1,1-Trichloroethane	10.0	9.76	97.6	3.52	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	12.1	121	13.9	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.80	98.0	4.59	30	54 - 165
1,1,2-Trichloroethane	10.0	11.5	115	9.82	30	82 - 123
1,1-Dichloroethane	10.0	10.6	106	4.18	30	82 - 129
1,1-Dichloroethylene	10.0	10.5	105	4.58	30	68 - 138
1,2,3-Trichlorobenzene	10.0	9.95	99.5	13.7	30	76 - 136
1,2,3-Trichloropropane	10.0	11.6	116	9.46	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.89	98.9	12.6	30	76 - 137
1,2,4-Trimethylbenzene	10.0	10.5	105	0.857	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.0	110	19.0	30	45 - 147
1,2-Dibromoethane	10.0	10.7	107	11.9	30	83 - 124
1,2-Dichlorobenzene	10.0	10.7	107	6.46	30	79 - 123
1,2-Dichloroethane	10.0	11.6	116	6.34	30	73 - 132
1,2-Dichloropropane	10.0	11.1	111	3.20	30	78 - 126
1,3,5-Trimethylbenzene	10.0	12.1	121	3.96	30	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	0.199	30	86 - 122
1,4-Dichlorobenzene	10.0	9.89	98.9	1.02	30	85 - 124
1,4-Dioxane	210	0.00	*		30	10 - 349
2-Butanone	10.0	13.6	136	28.5	30	49 - 152
2-Hexanone	10.0	11.5	115	22.3	30	51 - 146
4-Methyl-2-pentanone	10.0	9.31	93.1	20.5	30	57 - 145
Acetone	10.0	11.1	111	22.3	30	14 - 150
Acrolein	10.0	8.33	83.3	13.2	30	10 - 153
Acrylonitrile	10.0	13.0	130	18.9	30	51 - 150
Benzene	10.0	11.0	110	2.86	30	85 - 126
Bromochloromethane	10.0	11.1	111	4.04	30	77 - 128
Bromodichloromethane	10.0	10.6	106	1.42	30	79 - 128
Bromoform	10.0	10.8	108	29.4	30	78 - 133

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	10.0	6.36	63.6	7.13	30	43 - 168
Carbon disulfide	10.0	9.91	99.1	5.59	30	68 - 146
Carbon tetrachloride	10.0	9.86	98.6	6.19	30	77 - 141
Chlorobenzene	10.0	10.0	100	3.72	30	88 - 120
Chloroethane	10.0	9.09	90.9	5.46	30	65 - 136
Chloroform	10.0	10.7	107	0.467	30	82 - 128
Chloromethane	10.0	6.76	67.6	9.58	30	43 - 155
cis-1,2-Dichloroethylene	10.0	10.8	108	1.92	30	83 - 129
cis-1,3-Dichloropropylene	10.0	10.4	104	3.32	30	80 - 131
Cyclohexane	10.0	5.30	53.0 *	4.43	30	63 - 149
Dibromochloromethane	10.0	10.6	106	7.55	30	80 - 130
Dibromomethane	10.0	11.2	112	8.49	30	72 - 134
Dichlorodifluoromethane	10.0	4.36	43.6 *	6.22	30	44 - 144
Ethyl Benzene	10.0	10.4	104	4.31	30	80 - 131
Hexachlorobutadiene	10.0	9.64	96.4	8.55	30	67 - 146
Isopropylbenzene	10.0	10.2	102	6.97	30	76 - 140
Methyl acetate	10.0	12.8	128	12.6	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	11.8	118	15.2	30	76 - 135
Methylcyclohexane	10.0	10.3	103	6.01	30	72 - 143
Methylene chloride	10.0	10.6	106	0.945	30	55 - 137
n-Butylbenzene	10.0	10.6	106	0.283	30	79 - 132
n-Propylbenzene	10.0	10.5	105	4.64	30	78 - 133
o-Xylene	10.0	10.4	104	2.27	30	78 - 130
p- & m- Xylenes	20.0	20.9	104	4.35	30	77 - 133
p-Isopropyltoluene	10.0	10.4	104	0.477	30	81 - 136
sec-Butylbenzene	10.0	10.4	104	1.91	30	79 - 137
Styrene	10.0	11.0	110	0.731	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	69.5	139	38.0 *	30	25 - 162
tert-Butylbenzene	10.0	8.98	89.8	3.72	30	77 - 138
Tetrachloroethylene	10.0	8.51	85.1	8.44	30	82 - 131

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Matrix: Water
Batch: BF50204
Laboratory ID: BF50204-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10.0	10.5	105	4.48	30	80 - 127
trans-1,2-Dichloroethylene	10.0	10.5	105	5.81	30	80 - 132
trans-1,3-Dichloropropylene	10.0	10.8	108	7.80	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	10.6	106	10.3	30	63 - 141
Trichloroethylene	10.0	9.81	98.1	7.17	30	82 - 128
Trichlorofluoromethane	10.0	8.43	84.3	6.54	30	67 - 139
Vinyl Chloride	10.0	7.93	79.3	7.87	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BF50193 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20252305)	25E1596-01	QV935922.D	06/02/25 12:00	
MW-10 (20252305)	25E1596-02	QV935923.D	06/02/25 12:00	
MW-11R	25E1596-03	QV935924.D	06/02/25 12:00	
MW-13R	25E1596-04	QV935925.D	06/02/25 12:00	
MW-14	25E1596-05	QV935926.D	06/02/25 12:00	
MW-15	25E1596-06	QV935927.D	06/02/25 12:00	
FB	25E1596-07	QV935921.D	06/02/25 12:00	
TB	25E1596-08	QV935920.D	06/02/25 12:00	
Blank	BF50193-BLK1	QV935914.D	06/02/25 12:00	
LCS	BF50193-BS1	QV935911.D	06/02/25 12:00	
LCS Dup	BF50193-BSD1	QV935912.D	06/02/25 12:00	
MW-14	BF50193-MS1	QV935928.D	06/02/25 12:00	
MW-14	BF50193-MSD1	QV935929.D	06/02/25 12:00	

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BF50204 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20252305)	25E1596-01RE1	QV935942.D	06/02/25 11:00	From BF50193 by AC on 06/03/2025
Blank	BF50204-BLK1	QV935936.D	06/03/25 11:00	
LCS	BF50204-BS1	QV935933.D	06/03/25 11:00	
LCS Dup	BF50204-BSD1	QV935934.D	06/03/25 11:00	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	70 - 130	
SURR: p-Bromofluorobenzene	10.0	9.50	95.0	79 - 122	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	
ISTD: Fluorobenzene	828878	5.972	799213	5.972	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: p-Bromofluorobenzene	10.0	9.83	98.3	79 - 122	
SURR: Toluene-d8	10.0	9.97	99.7	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	
ISTD: Fluorobenzene	767385	5.972	753228	5.975	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935791.D	Injection Date:	05/28/25
Instrument ID:	QVOA9	Injection Time:	17:54
Sequence:	S5E3001	Lab Sample ID:	S5E3001-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0.712	PASS
174	50 - 100% of 95	68	PASS
175	5 - 9% of 174	7.42	PASS
176	95 - 101% of 174	97.9	PASS
177	5 - 9% of 176	6.62	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935909.D	Injection Date:	06/02/25
Instrument ID:	QVOA9	Injection Time:	12:28
Sequence:	S5F0335	Lab Sample ID:	S5F0335-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.39	PASS
173	Less than 2% of 174	0.725	PASS
174	50 - 100% of 95	65	PASS
175	5 - 9% of 174	7.69	PASS
176	95 - 101% of 174	96.7	PASS
177	5 - 9% of 176	6.48	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Lab File ID:	QV935931.D	Injection Date:	06/03/25
Instrument ID:	QVOA9	Injection Time:	11:39
Sequence:	S5F0337	Lab Sample ID:	S5F0337-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	0	PASS
75	30 - 60% of 95	0	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.28	PASS
173	Less than 2% of 174	0.548	PASS
174	50 - 100% of 95	66.6	PASS
175	5 - 9% of 174	7.5	PASS
176	95 - 101% of 174	97.6	PASS
177	5 - 9% of 176	6.5	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Sequence:	S5E3001	Instrument:	QVOA9
		Calibration:	SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5E3001-TUN1	QV935791.D	05/28/25 17:54
Cal Standard	S5E3001-CAL1	QV935792.D	05/28/25 18:19
Cal Standard	S5E3001-CAL2	QV935793.D	05/28/25 18:43
Cal Standard	S5E3001-CAL3	QV935794.D	05/28/25 19:07
Cal Standard	S5E3001-CAL4	QV935795.D	05/28/25 19:32
Cal Standard	S5E3001-CAL5	QV935796.D	05/28/25 19:56
Cal Standard	S5E3001-CAL6	QV935797.D	05/28/25 20:20
Cal Standard	S5E3001-CAL7	QV935799.D	05/28/25 21:09
Cal Standard	S5E3001-CAL8	QV935801.D	05/28/25 21:57
Cal Standard	S5E3001-CAL9	QV935803.D	05/28/25 22:45
Secondary Cal Check	S5E3001-SCV1	QV935807.D	05/29/25 00:22

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335
Instrument: QVOA9
Calibration: SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5F0335-TUN1	QV935909.D	06/02/25 12:28
Calibration Check	S5F0335-CCV1	QV935910.D	06/02/25 12:52
LCS	BF50193-BS1	QV935911.D	06/02/25 14:23
LCS Dup	BF50193-BSD1	QV935912.D	06/02/25 14:47
Blank	BF50193-BLK1	QV935914.D	06/02/25 16:51
TB	25E1596-08	QV935920.D	06/02/25 19:38
FB	25E1596-07	QV935921.D	06/02/25 20:03
MW-9 (20252305)	25E1596-01	QV935922.D	06/02/25 20:28
MW-10 (20252305)	25E1596-02	QV935923.D	06/02/25 20:52
MW-11R	25E1596-03	QV935924.D	06/02/25 21:17
MW-13R	25E1596-04	QV935925.D	06/02/25 21:42
MW-14	25E1596-05	QV935926.D	06/02/25 22:06
MW-15	25E1596-06	QV935927.D	06/02/25 22:31
MW-14	BF50193-MS1	QV935928.D	06/02/25 22:56
MW-14	BF50193-MSD1	QV935929.D	06/02/25 23:20

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Sequence:	S5F0337	Instrument:	QVOA9
		Calibration:	SE50045

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5F0337-TUN1	QV935931.D	06/03/25 11:39
Calibration Check	S5F0337-CCV1	QV935932.D	06/03/25 12:03
LCS	BF50204-BS1	QV935933.D	06/03/25 12:42
LCS Dup	BF50204-BSD1	QV935934.D	06/03/25 13:07
Blank	BF50204-BLK1	QV935936.D	06/03/25 14:46
MW-9 (20252305)	25E1596-01RE1	QV935942.D	06/03/25 17:58

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596
Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5E3001 Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5E3001-CAL1)			Lab File ID: QV935792.D			Analyzed: 05/28/25 18:19			
ISTD: Fluorobenzene	950863	5.972	973024	5.975	98	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	612616	9.032	645731	9.032	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	120293	12.025	125023	12.025	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL2)			Lab File ID: QV935793.D			Analyzed: 05/28/25 18:43			
ISTD: Fluorobenzene	964295	5.972	973024	5.975	99	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	617737	9.032	645731	9.032	96	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	120014	12.025	125023	12.025	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL3)			Lab File ID: QV935794.D			Analyzed: 05/28/25 19:07			
ISTD: Fluorobenzene	939004	5.972	973024	5.975	97	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	620244	9.032	645731	9.032	96	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	119190	12.025	125023	12.025	95	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL4)			Lab File ID: QV935795.D			Analyzed: 05/28/25 19:32			
ISTD: Fluorobenzene	973024	5.975	973024	5.975	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	645731	9.032	645731	9.032	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	125023	12.025	125023	12.025	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL5)			Lab File ID: QV935796.D			Analyzed: 05/28/25 19:56			
ISTD: Fluorobenzene	985795	5.975	973024	5.975	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	661480	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	127434	12.025	125023	12.025	102	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL6)			Lab File ID: QV935797.D			Analyzed: 05/28/25 20:20			
ISTD: Fluorobenzene	997278	5.972	973024	5.975	102	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	670255	9.032	645731	9.032	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	130876	12.025	125023	12.025	105	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL7)			Lab File ID: QV935799.D			Analyzed: 05/28/25 21:09			
ISTD: Fluorobenzene	979213	5.975	973024	5.975	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	656982	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121096	12.025	125023	12.025	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL8)			Lab File ID: QV935801.D			Analyzed: 05/28/25 21:57			
ISTD: Fluorobenzene	1008766	5.975	973024	5.975	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	658772	9.032	645731	9.032	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	119159	12.025	125023	12.025	95	50 - 200	0.0000	+/-0.50	
Cal Standard (S5E3001-CAL9)			Lab File ID: QV935803.D			Analyzed: 05/28/25 22:45			
ISTD: Fluorobenzene	1035115	5.975	973024	5.975	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	654800	9.032	645731	9.032	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	114910	12.025	125023	12.025	92	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5E3001
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Secondary Cal Check (S5E3001-SCV1)			Lab File ID: QV935807.D			Analyzed: 05/29/25 00:22			
ISTD: Fluorobenzene	991600	5.975	973024	5.975	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	640016	9.032	645731	9.032	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121225	12.025	125023	12.025	97	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596
Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn
Sequence: S5F0335 Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0335-CCV1)			Lab File ID: QV935910.D			Analyzed: 06/02/25 12:52			
ISTD: Fluorobenzene	799213	5.972				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	543819	9.029				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	107401	12.022				50 - 200		+/-0.50	
LCS (BF50193-BS1)			Lab File ID: QV935911.D			Analyzed: 06/02/25 14:23			
ISTD: Fluorobenzene	838786	5.972	799213	5.972	105	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	543369	9.029	543819	9.029	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96689	12.022	107401	12.022	90	50 - 200	0.0000	+/-0.50	
LCS Dup (BF50193-BSD1)			Lab File ID: QV935912.D			Analyzed: 06/02/25 14:47			
ISTD: Fluorobenzene	879504	5.975	799213	5.972	110	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	600838	9.029	543819	9.029	110	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	112605	12.022	107401	12.022	105	50 - 200	0.0000	+/-0.50	
Blank (BF50193-BLK1)			Lab File ID: QV935914.D			Analyzed: 06/02/25 16:51			
ISTD: Fluorobenzene	828878	5.972	799213	5.972	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	100	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	101	50 - 200	0.0030	+/-0.50	
TB (25E1596-08)			Lab File ID: QV935920.D			Analyzed: 06/02/25 19:38			
ISTD: Fluorobenzene	792475	5.972	799213	5.972	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	495150	9.032	543819	9.029	91	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	90170	12.025	107401	12.022	84	50 - 200	0.0030	+/-0.50	
FB (25E1596-07)			Lab File ID: QV935921.D			Analyzed: 06/02/25 20:03			
ISTD: Fluorobenzene	766298	5.975	799213	5.972	96	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	498816	9.032	543819	9.029	92	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	100703	12.025	107401	12.022	94	50 - 200	0.0030	+/-0.50	
MW-9 (20252305) (25E1596-01)			Lab File ID: QV935922.D			Analyzed: 06/02/25 20:28			
ISTD: Fluorobenzene	750983	5.975	799213	5.972	94	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	479959	9.032	543819	9.029	88	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	97276	12.022	107401	12.022	91	50 - 200	0.0000	+/-0.50	
MW-10 (20252305) (25E1596-02)			Lab File ID: QV935923.D			Analyzed: 06/02/25 20:52			
ISTD: Fluorobenzene	717559	5.975	799213	5.972	90	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	467257	9.032	543819	9.029	86	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	95582	12.025	107401	12.022	89	50 - 200	0.0030	+/-0.50	
MW-11R (25E1596-03)			Lab File ID: QV935924.D			Analyzed: 06/02/25 21:17			
ISTD: Fluorobenzene	728643	5.975	799213	5.972	91	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	471282	9.032	543819	9.029	87	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	98648	12.025	107401	12.022	92	50 - 200	0.0030	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5F0335

SDG: 25E1596
Project: 230051 - 170 Freeman Street, Brooklyn
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-13R (25E1596-04)			Lab File ID: QV935925.D			Analyzed: 06/02/25 21:42			
ISTD: Fluorobenzene	710703	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	460855	9.032	543819	9.029	85	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	95907	12.022	107401	12.022	89	50 - 200	0.0000	+/-0.50	
MW-14 (25E1596-05)			Lab File ID: QV935926.D			Analyzed: 06/02/25 22:06			
ISTD: Fluorobenzene	697542	5.975	799213	5.972	87	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	457866	9.032	543819	9.029	84	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96310	12.025	107401	12.022	90	50 - 200	0.0030	+/-0.50	
MW-15 (25E1596-06)			Lab File ID: QV935927.D			Analyzed: 06/02/25 22:31			
ISTD: Fluorobenzene	694460	5.975	799213	5.972	87	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	448102	9.032	543819	9.029	82	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	89998	12.025	107401	12.022	84	50 - 200	0.0030	+/-0.50	
Matrix Spike (BF50193-MS1)			Lab File ID: QV935928.D			Analyzed: 06/02/25 22:56			
ISTD: Fluorobenzene	711367	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	478582	9.032	543819	9.029	88	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	101560	12.022	107401	12.022	95	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (BF50193-MSD1)			Lab File ID: QV935929.D			Analyzed: 06/02/25 23:20			
ISTD: Fluorobenzene	713881	5.975	799213	5.972	89	50 - 200	0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	483743	9.032	543819	9.029	89	50 - 200	0.0030	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	106090	12.025	107401	12.022	99	50 - 200	0.0030	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5F0337

SDG: 25E1596
Project: 230051 - 170 Freeman Street, Brooklyn
Instrument: QVOA9
Calibration: SE50045

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5F0337-CCV1)			Lab File ID: QV935932.D			Analyzed: 06/03/25 12:03			
ISTD: Fluorobenzene	753228	5.975				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	517071	9.032				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	111735	12.022				50 - 200		+/-0.50	
LCS (BF50204-BS1)			Lab File ID: QV935933.D			Analyzed: 06/03/25 12:42			
ISTD: Fluorobenzene	774301	5.972	753228	5.975	103	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	509979	9.032	517071	9.032	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	96691	12.022	111735	12.022	87	50 - 200	0.0000	+/-0.50	
LCS Dup (BF50204-BSD1)			Lab File ID: QV935934.D			Analyzed: 06/03/25 13:07			
ISTD: Fluorobenzene	793420	5.972	753228	5.975	105	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	537688	9.032	517071	9.032	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	103849	12.025	111735	12.022	93	50 - 200	0.0030	+/-0.50	
Blank (BF50204-BLK1)			Lab File ID: QV935936.D			Analyzed: 06/03/25 14:46			
ISTD: Fluorobenzene	767385	5.972	753228	5.975	102	50 - 200	-0.0030	+/-0.50	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	87	50 - 200	0.0030	+/-0.50	
MW-9 (20252305) (25E1596-01RE1)			Lab File ID: QV935942.D			Analyzed: 06/03/25 17:58			
ISTD: Fluorobenzene	684172	5.975	753228	5.975	91	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	452868	9.032	517071	9.032	88	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	92843	12.022	111735	12.022	83	50 - 200	0.0000	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-9 (20252305)	05/23/25 12:21	05/23/25 19:00	06/02/25 12:00	9.99	14.00	06/02/25 20:28	10.34	14.00	
MW-9 (20252305)	05/23/25 12:21	05/23/25 19:00	06/02/25 11:00	9.94	14.00	06/03/25 17:58	11.23	14.00	
MW-10 (20252305)	05/23/25 11:42	05/23/25 19:00	06/02/25 12:00	10.01	14.00	06/02/25 20:52	10.38	14.00	
MW-11R	05/23/25 13:00	05/23/25 19:00	06/02/25 12:00	9.96	14.00	06/02/25 21:17	10.35	14.00	
MW-13R	05/23/25 09:37	05/23/25 19:00	06/02/25 12:00	10.10	14.00	06/02/25 21:42	10.50	14.00	
MW-14	05/23/25 10:15	05/23/25 19:00	06/02/25 12:00	10.07	14.00	06/02/25 22:06	10.49	14.00	
MW-15	05/23/25 11:05	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 22:31	10.48	14.00	
FB	05/23/25 11:02	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 20:03	10.38	14.00	
TB	05/23/25 11:02	05/23/25 19:00	06/02/25 12:00	10.04	14.00	06/02/25 19:38	10.36	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Matrix: Water **Instrument:** QVOA9

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
1,4-Dioxane	35.3	80.0	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Matrix: Water **Instrument:** QVOA9

Analyte	LOD	LOQ	Units
Chloromethane	0.372	0.500	ug/L
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9 (20252305)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-01	File ID:	QV935922.D
Sampled:	05/23/25 12:21	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 20:28
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	3.01	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9 (20252305)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-01	File ID:	QV935922.D
Sampled:	05/23/25 12:21	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 20:28
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	0.400	J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.430	J
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	25.6	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	1.11	
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	4.05	
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.4	114	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.26	92.6	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	750983	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	479959	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	97276	12.022	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935922.D
Acq On : 2 Jun 2025 8:28 pm
Operator : AC
Sample : 25E1596-01
Misc : QBQV9060225
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 03 17:00:37 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

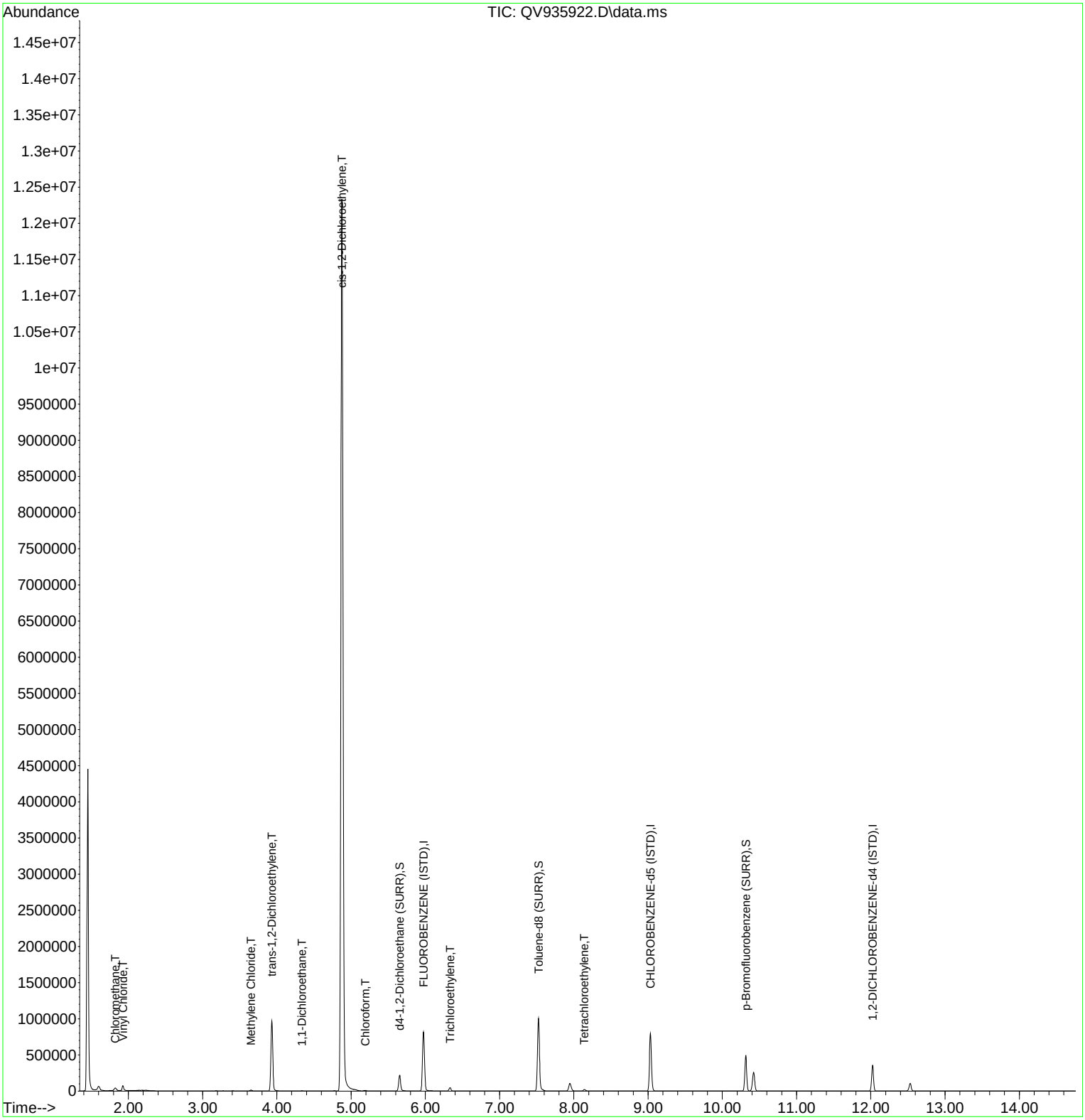
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	750983	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	479959	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	97276	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	153654	11.42	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 114.20%				
54) Toluene-d8 (SURR)	7.524	98	702282	10.12	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.20%				
73) p-Bromofluorobenzene (...	10.316	95	201519	9.26	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 92.60%				
Target Compounds							Qvalue
3) Chloromethane	1.822	50	47125	3.01	ppb		99
4) Vinyl Chloride	1.927	62	59924	4.05	ppb		97
18) Methylene Chloride	3.650	49	7375	0.40	ppb	#	65
20) trans-1,2-Dichloroethy...	3.932	61	542228	25.63	ppb		79
22) 1,1-Dichloroethane	4.336	63	3298	0.12	ppb		86
26) cis-1,2-Dichloroethylene	4.876	61	8324105	356.46	ppb		82
31) Chloroform	5.190	83	4892	0.20	ppb	#	90
42) Trichloroethylene	6.332	95	16016	1.11	ppb		90
59) Tetrachloroethylene	8.137	166	6176	0.43	ppb		90

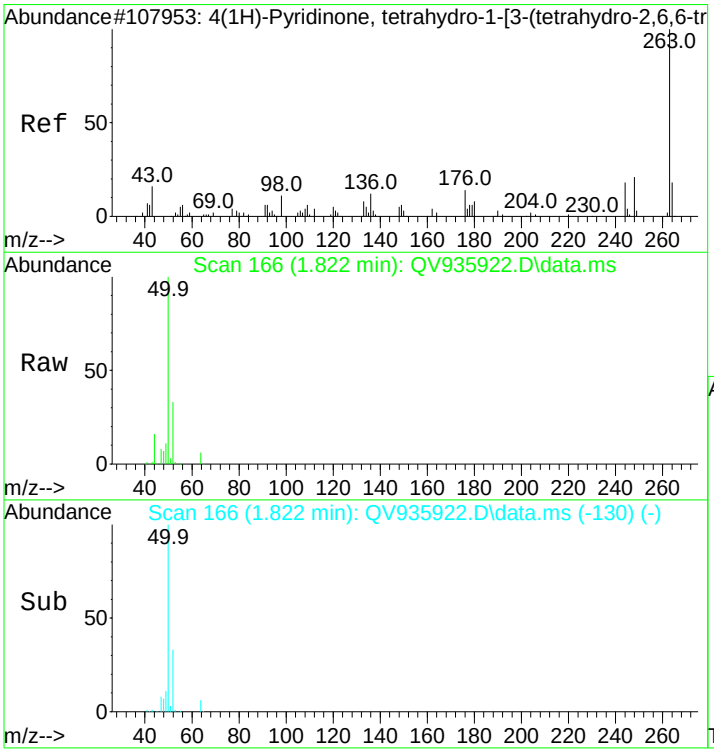
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935922.D
Acq On : 2 Jun 2025 8:28 pm
Operator : AC
Sample : 25E1596-01
Misc : QBQV9060225
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 03 17:00:37 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

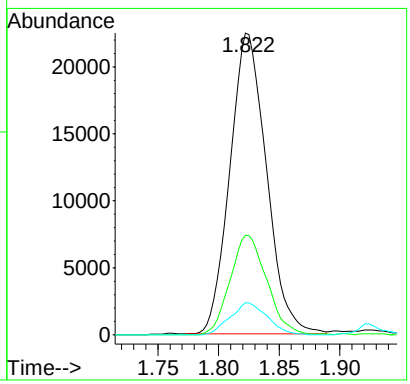


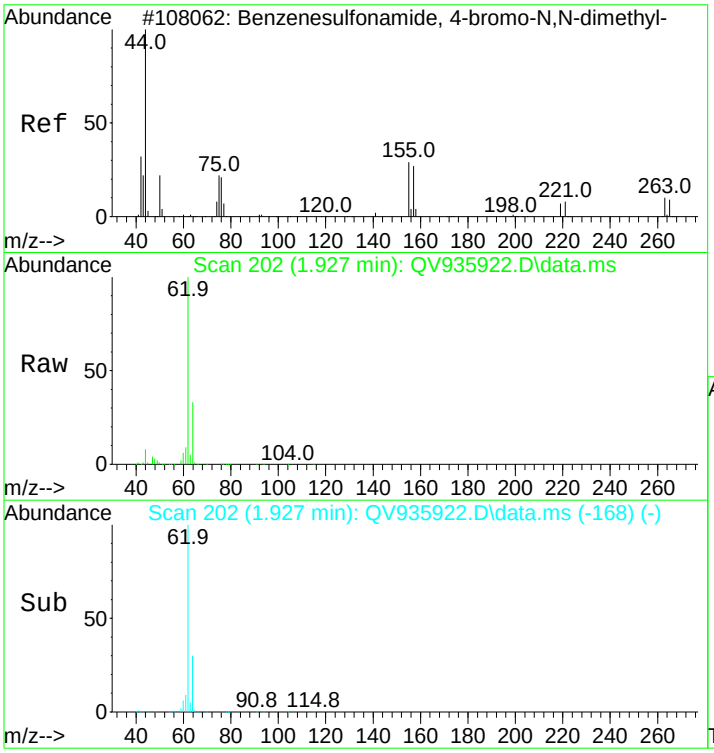


#3
Chloromethane
Concen: 3.01 ppb
RT: 1.822 min Scan# 166
Delta R.T. 0.006 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 50 Resp: 47125

Ion	Ratio	Lower	Upper
50	100		
52	33.1	16.9	50.6
49	10.9	2.0	18.0

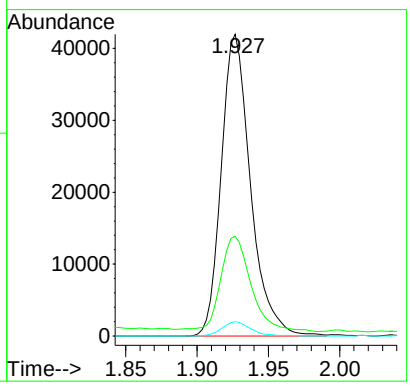


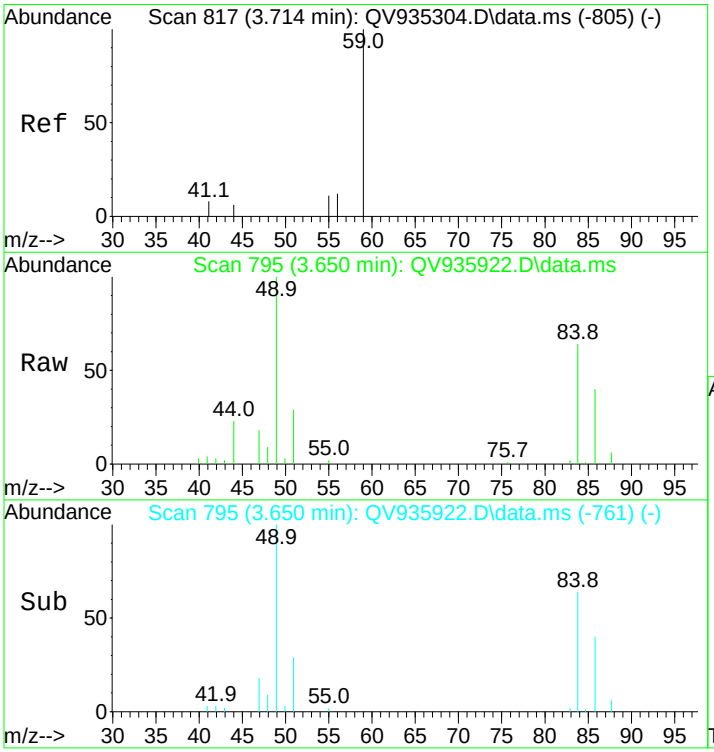


#4
Vinyl Chloride
Concen: 4.05 ppb
RT: 1.927 min Scan# 202
Delta R.T. -0.000 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 62 Resp: 59924

Ion	Ratio	Lower	Upper
62	100		
64	32.7	15.5	46.5
63	4.6	0.0	10.0

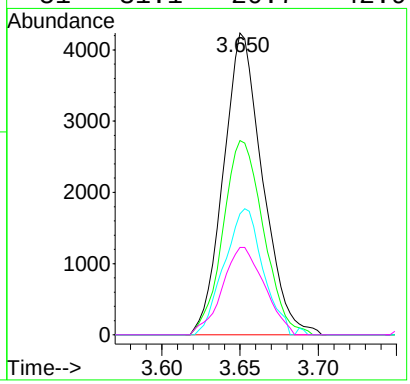


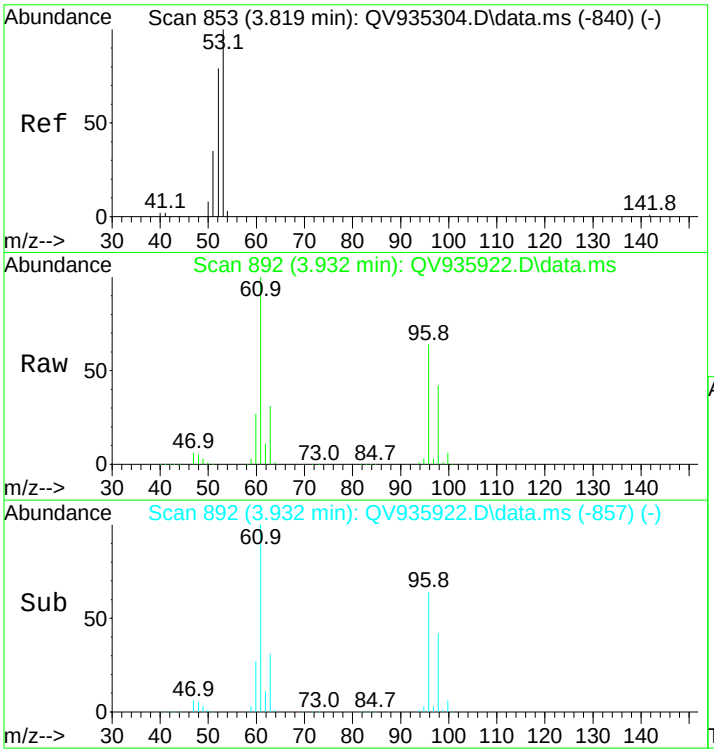


#18
Methylene Chloride
Concen: 0.40 ppb
RT: 3.650 min Scan# 795
Delta R.T. -0.000 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 49 Resp: 7375

Ion	Ratio	Lower	Upper
49	100		
84	66.6	73.3	152.1#
86	41.2	47.5	98.7#
51	31.1	20.7	42.9

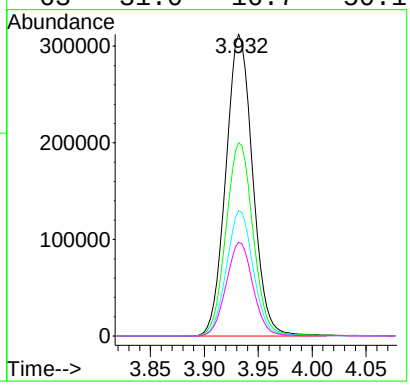


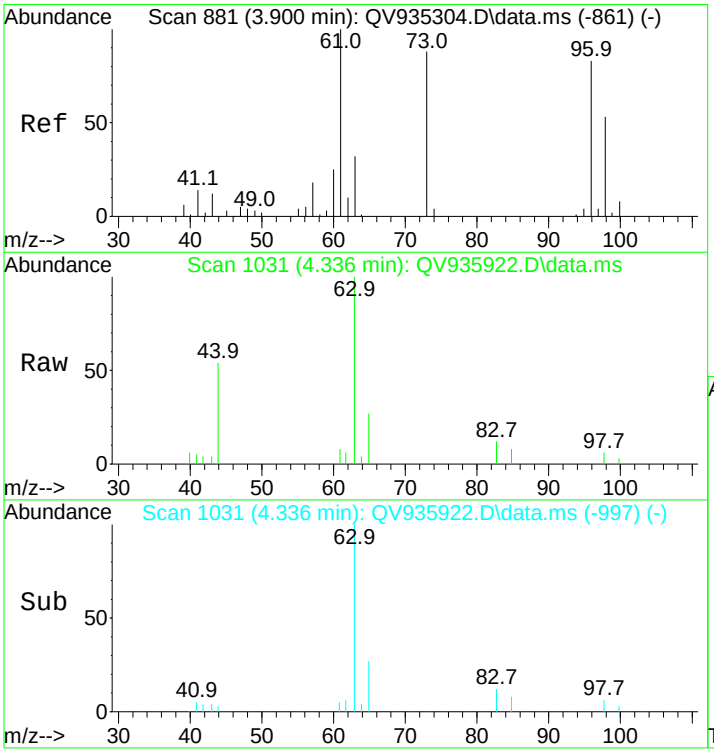


#20
trans-1,2-Dichloroethylene
Concen: 25.63 ppb
RT: 3.932 min Scan# 892
Delta R.T. 0.003 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 61 Resp: 542228

Ion	Ratio	Lower	Upper
61	100		
96	64.7	58.2	121.0
98	41.5	37.3	77.5
63	31.0	16.7	50.1

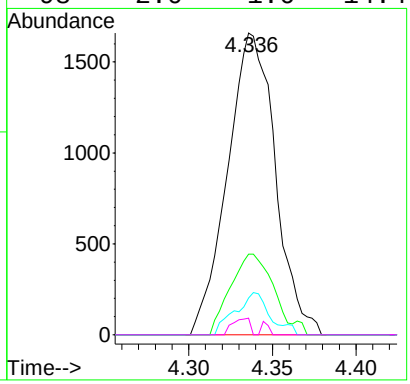


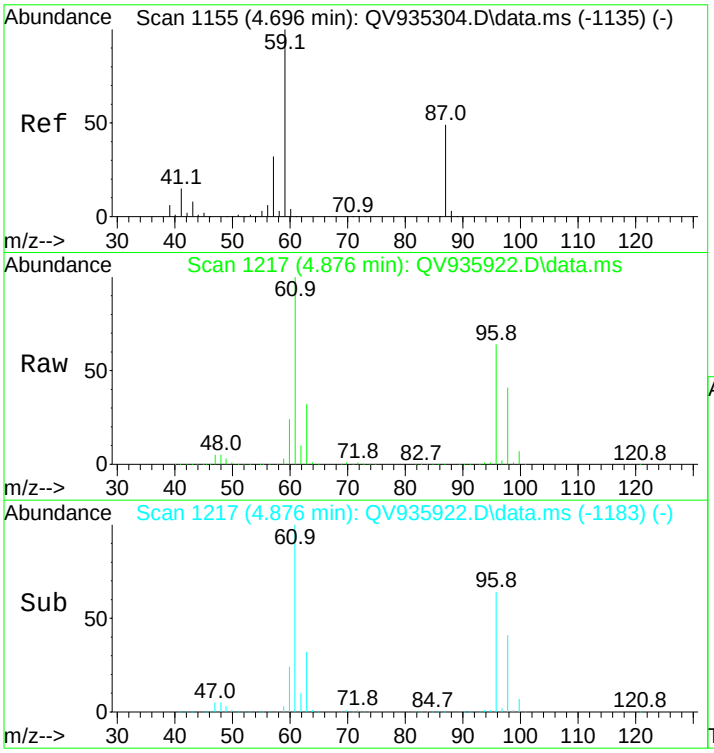


#22
1,1-Dichloroethane
Concen: 0.12 ppb
RT: 4.336 min Scan# 1031
Delta R.T. -0.000 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 63 Resp: 3298

Ion	Ratio	Lower	Upper
63	100		
65	24.3	21.3	44.3
83	10.1	5.1	24.3
98	2.0	1.6	14.4

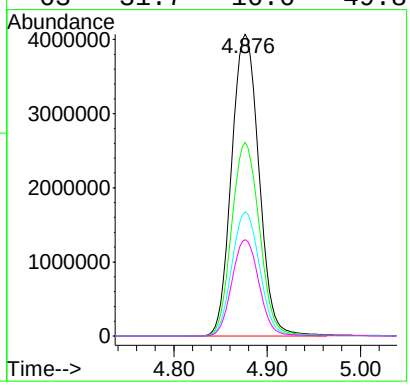


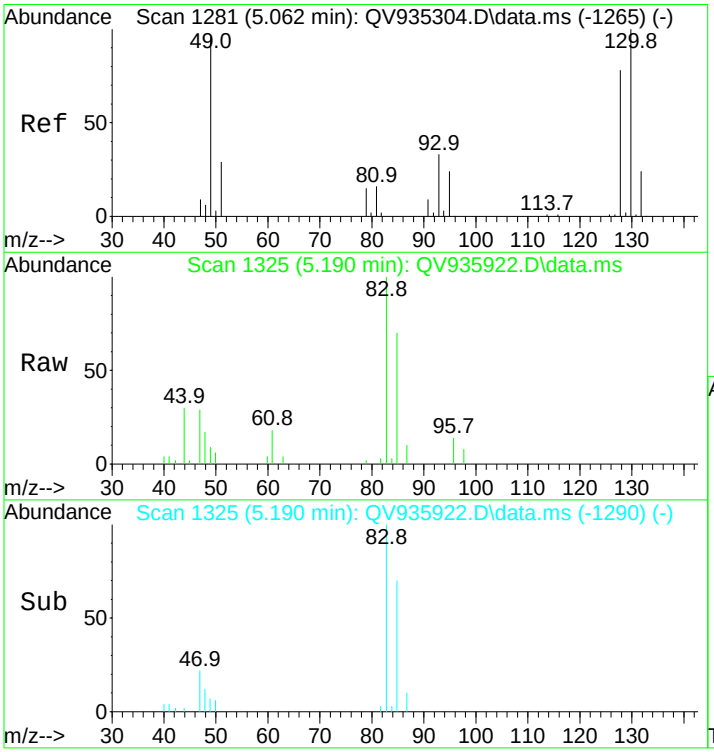


#26
cis-1,2-Dichloroethylene
Concen: 356.46 ppb
RT: 4.876 min Scan# 1217
Delta R.T. -0.000 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 61 Resp: 8324105

Ion	Ratio	Lower	Upper
61	100		
96	65.2	56.4	117.2
98	41.9	28.1	84.4
63	31.7	16.6	49.8

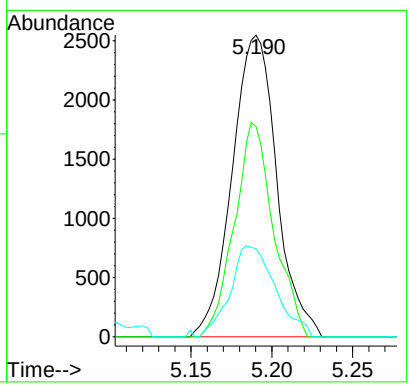


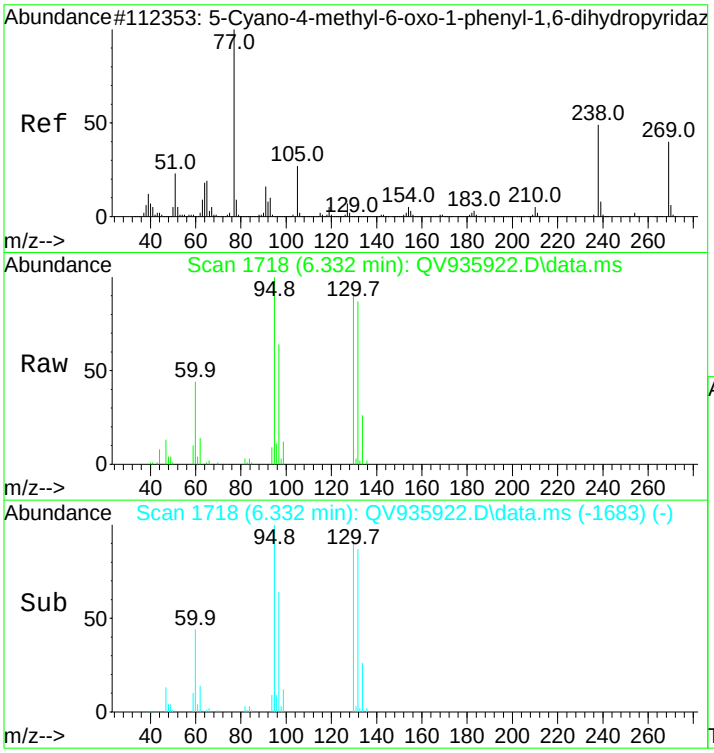


#31
Chloroform
Concen: 0.20 ppb
RT: 5.190 min Scan# 1325
Delta R.T. 0.003 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 83 Resp: 4892

Ion	Ratio	Lower	Upper
83	100		
85	62.6	42.5	88.3
47	30.5	10.1	20.9#

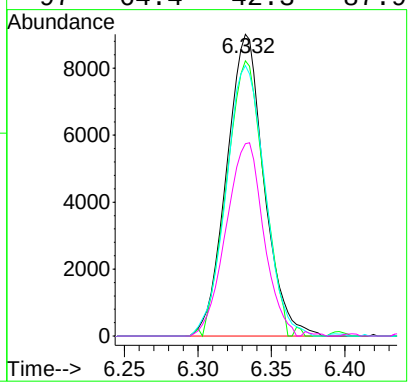


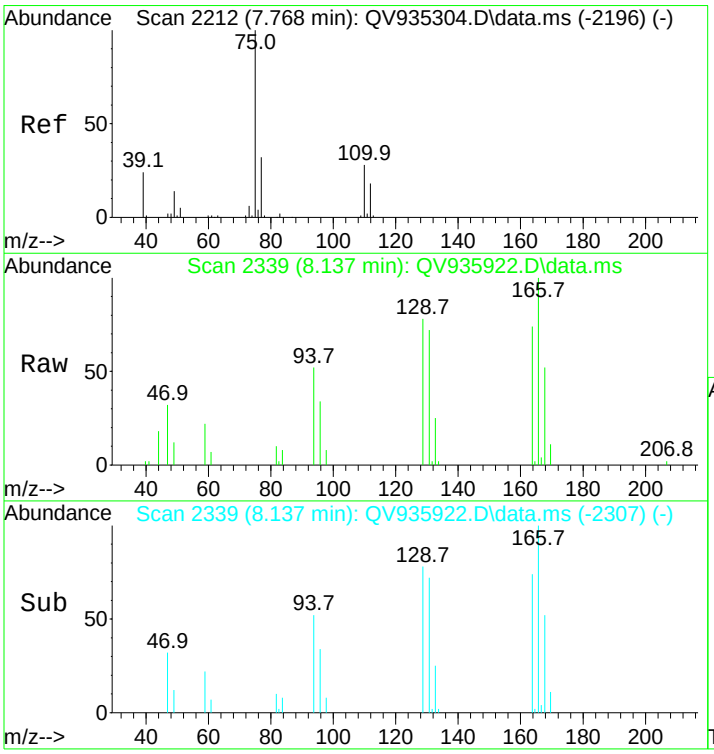


#42
Trichloroethylene
Concen: 1.11 ppb
RT: 6.332 min Scan# 1718
Delta R.T. 0.003 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion: 95 Resp: 16016

Ion	Ratio	Lower	Upper
95	100		
130	90.6	69.9	145.1
132	93.0	67.1	139.5
97	64.4	42.3	87.9

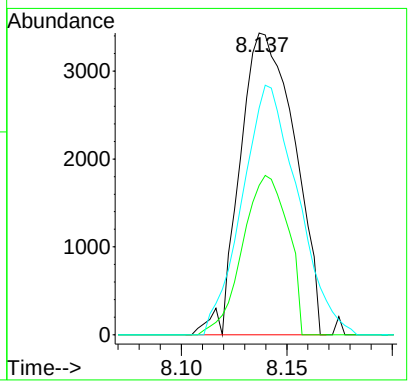




#59
Tetrachloroethylene
Concen: 0.43 ppb
RT: 8.137 min Scan# 2339
Delta R.T. -0.006 min
Lab File: QV935922.D
Acq: 2 Jun 2025 8:28 pm

Tgt Ion:166 Resp: 6176

Ion	Ratio	Lower	Upper
166	100		
168	43.8	31.0	64.4
129	84.3	47.4	98.6



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9 (20252305)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-01RE1	File ID:	QV935942.D
Sampled:	05/23/25 12:21	Prepared:	06/02/25 11:00	Analyzed:	06/03/25 17:58
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
156-59-2	cis-1,2-Dichloroethylene	10	412	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.9	119	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.33	93.3	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	684172	5.975	753228	5.975	
ISTD: Chlorobenzene-d5	452868	9.032	517071	9.032	
ISTD: 1,2-Dichlorobenzene-d4	92843	12.022	111735	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935942.D
Acq On : 3 Jun 2025 5:58 pm
Operator : AC
Sample : 25E1596-01RE1
Misc : QBQV9060325 10X
ALS Vial : 12 Sample Multiplier: 10

Quant Time: Jun 03 20:26:28 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

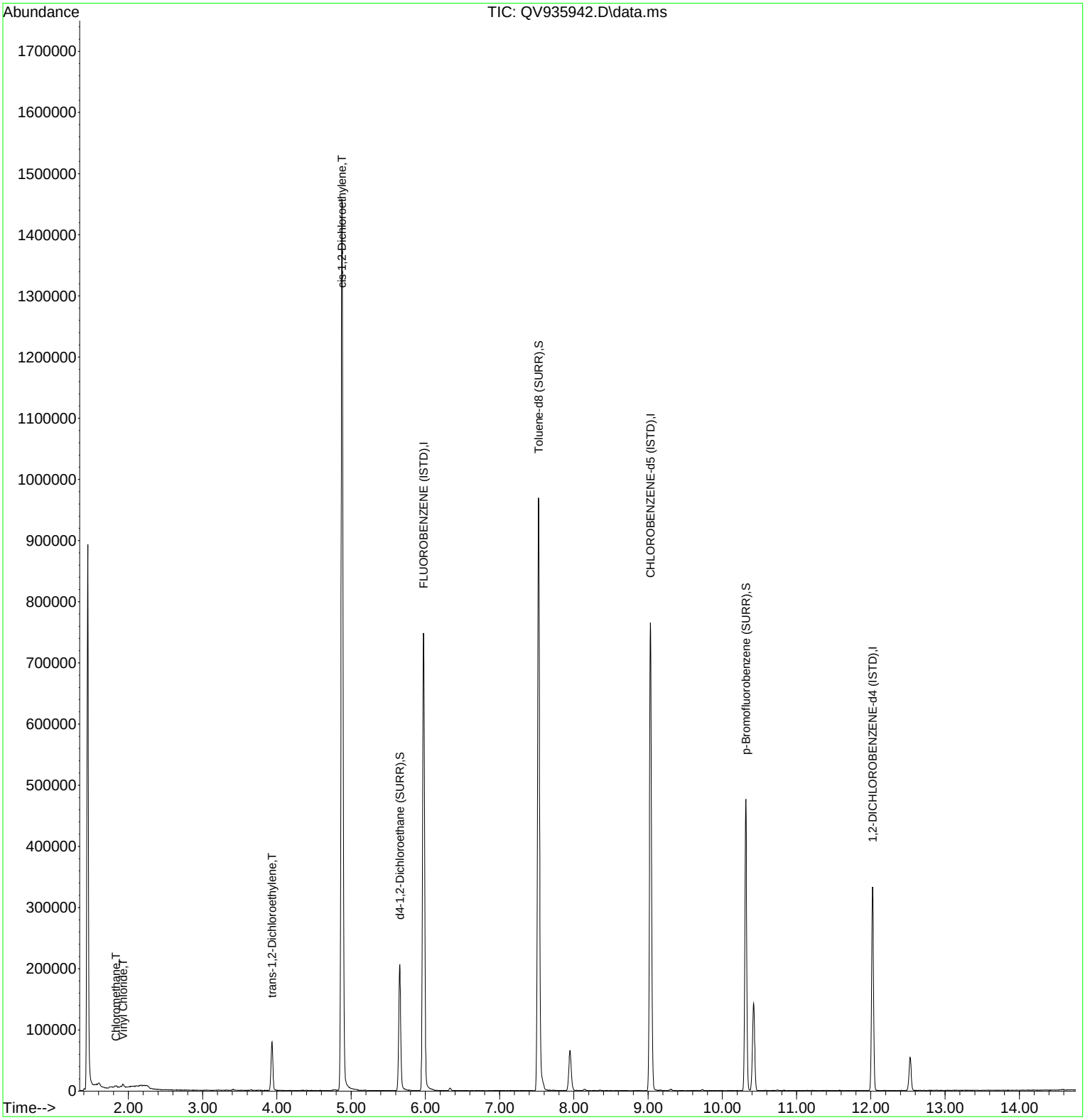
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.975	96	684172	10.00	ppb	0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	452868	10.00	ppb	# 0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	92843	10.00	ppb	# 0.00
System Monitoring Compounds						
35) d4-1,2-Dichloroethane ...	5.655	65	145884	11.90	ppb	0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 119.00%			
54) Toluene-d8 (SURR)	7.524	98	663631	10.13	ppb	0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.30%			
73) p-Bromofluorobenzene (...	10.316	95	193841	9.33	ppb	0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 93.30%			
Target Compounds						Qvalue
3) Chloromethane	1.831	50	3911	0.27	ppb	95
4) Vinyl Chloride	1.927	62	4804	0.36	ppb	95
20) trans-1,2-Dichloroethy...	3.935	61	43283	2.25	ppb	80
26) cis-1,2-Dichloroethylene	4.876	61	875912	41.17	ppb	86

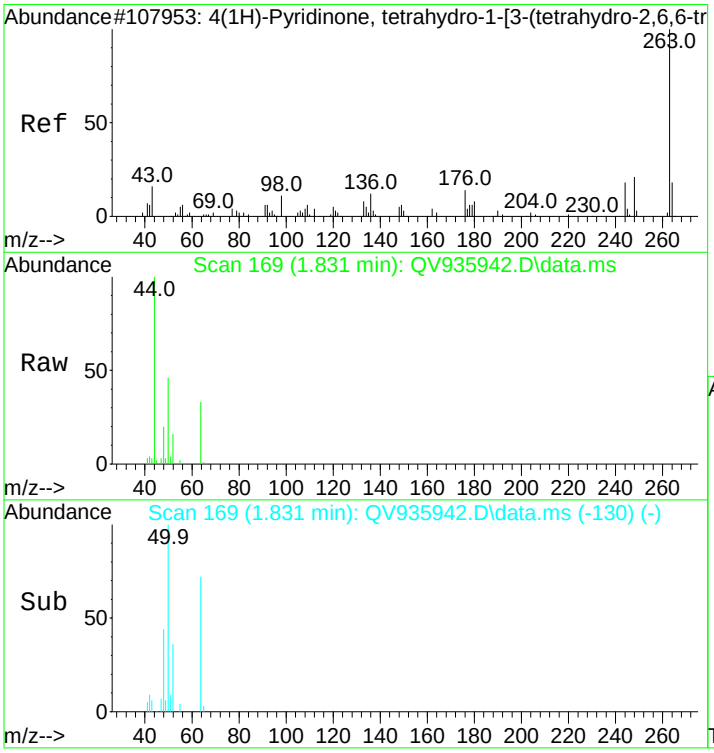
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935942.D
Acq On : 3 Jun 2025 5:58 pm
Operator : AC
Sample : 25E1596-01RE1
Misc : QBQV9060325 10X
ALS Vial : 12 Sample Multiplier: 10

Quant Time: Jun 03 20:26:28 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

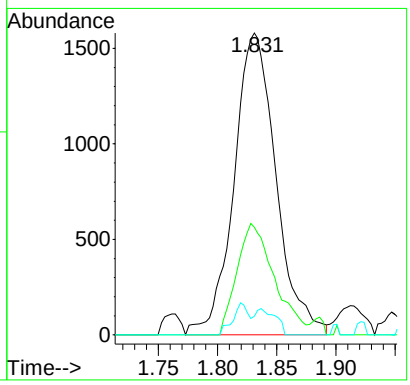


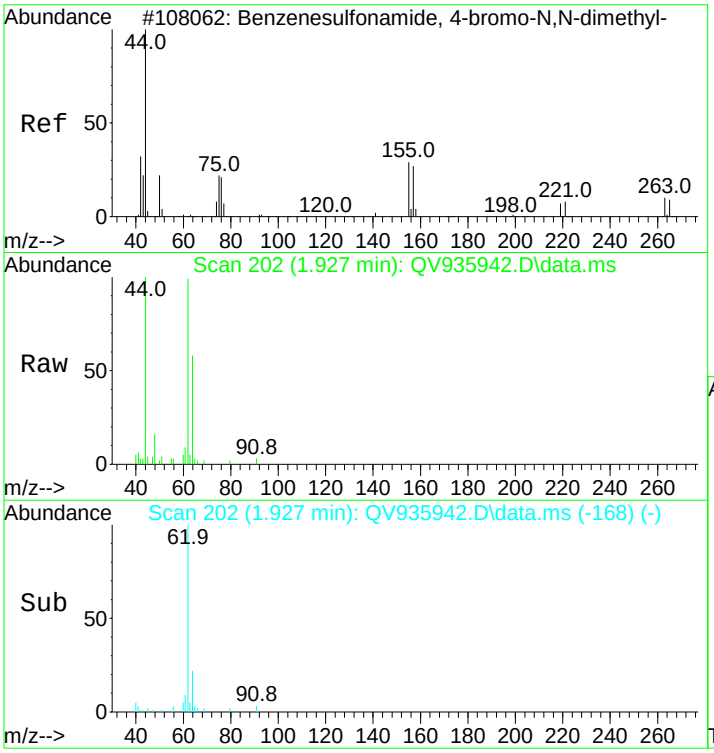


#3
Chloromethane
Concen: 0.27 ppb
RT: 1.831 min Scan# 169
Delta R.T. 0.015 min
Lab File: QV935942.D
Acq: 3 Jun 2025 5:58 pm

Tgt Ion: 50 Resp: 3911

Ion	Ratio	Lower	Upper
50	100		
52	32.6	16.9	50.6
49	4.3	2.0	18.0

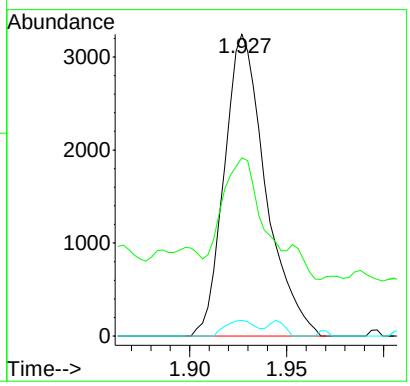


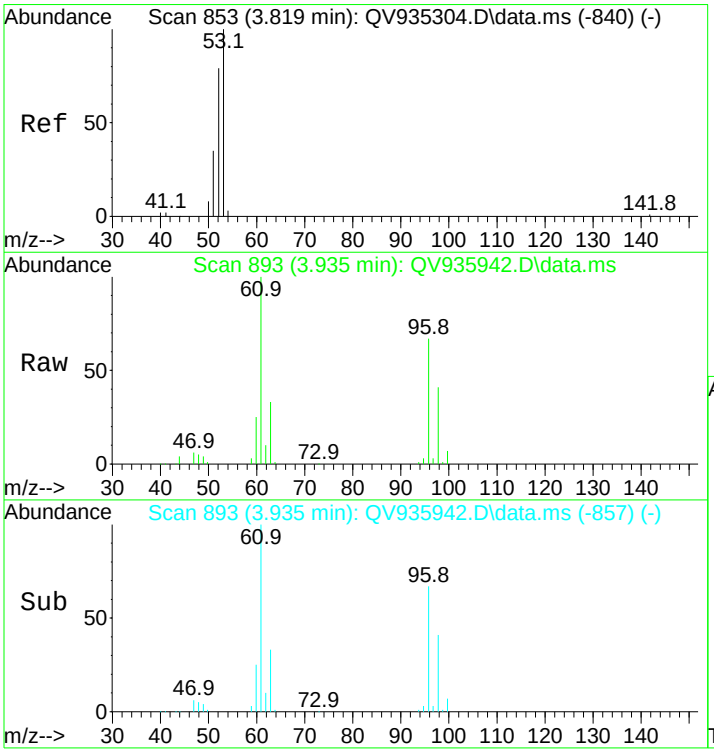


#4
Vinyl Chloride
Concen: 0.36 ppb
RT: 1.927 min Scan# 202
Delta R.T. 0.000 min
Lab File: QV935942.D
Acq: 3 Jun 2025 5:58 pm

Tgt Ion: 62 Resp: 4804

Ion	Ratio	Lower	Upper
62	100		
64	27.9	15.5	46.5
63	3.9	0.0	10.0

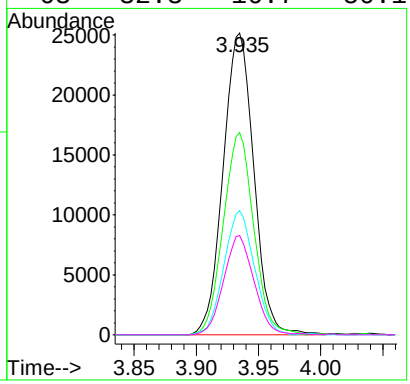


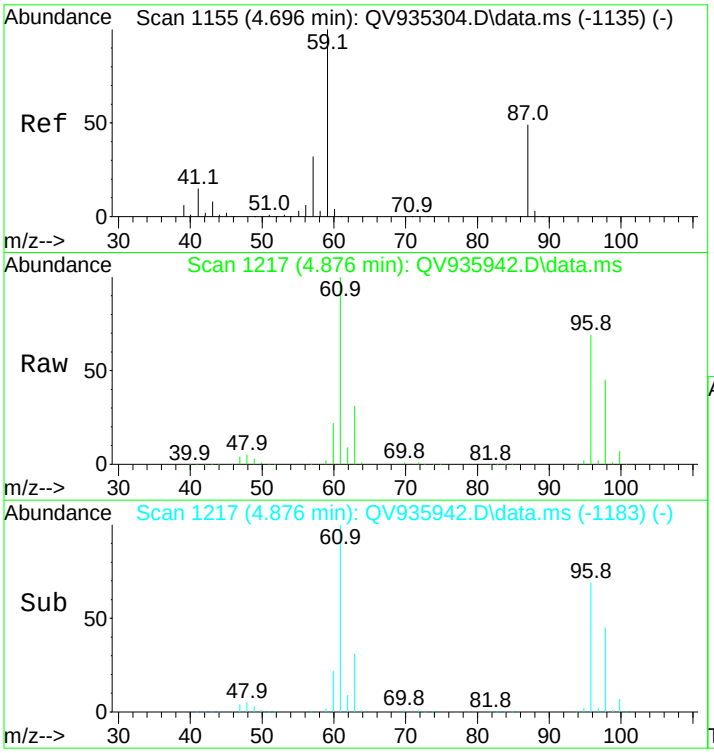


#20
trans-1,2-Dichloroethylene
Concen: 2.25 ppb
RT: 3.935 min Scan# 893
Delta R.T. 0.006 min
Lab File: QV935942.D
Acq: 3 Jun 2025 5:58 pm

Tgt Ion: 61 Resp: 43283

Ion	Ratio	Lower	Upper
61	100		
96	66.3	58.2	121.0
98	41.0	37.3	77.5
63	32.3	16.7	50.1

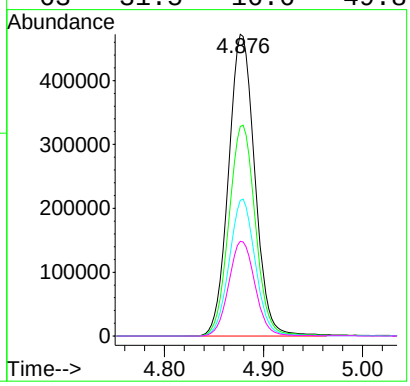




#26
cis-1,2-Dichloroethylene
Concen: 41.17 ppb
RT: 4.876 min Scan# 1217
Delta R.T. 0.000 min
Lab File: QV935942.D
Acq: 3 Jun 2025 5:58 pm

Tgt Ion: 61 Resp: 875912

Ion	Ratio	Lower	Upper
61	100		
96	70.4	56.4	117.2
98	44.9	28.1	84.4
63	31.5	16.6	49.8



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10 (20252305)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-02	File ID:	QV935923.D
Sampled:	05/23/25 11:42	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 20:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	1.26	
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	14.7	
74-87-3	Chloromethane	1	2.67	
156-59-2	cis-1,2-Dichloroethylene	1	1.24	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10 (20252305)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-02	File ID:	QV935923.D
Sampled:	05/23/25 11:42	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 20:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.3	113	69 - 130	
SURR: Toluene-d8	10.0	9.94	99.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.24	92.4	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	717559	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	467257	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	95582	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935923.D
Acq On : 2 Jun 2025 8:52 pm
Operator : AC
Sample : 25E1596-02
Misc : QBQV9060225
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 03 17:06:31 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

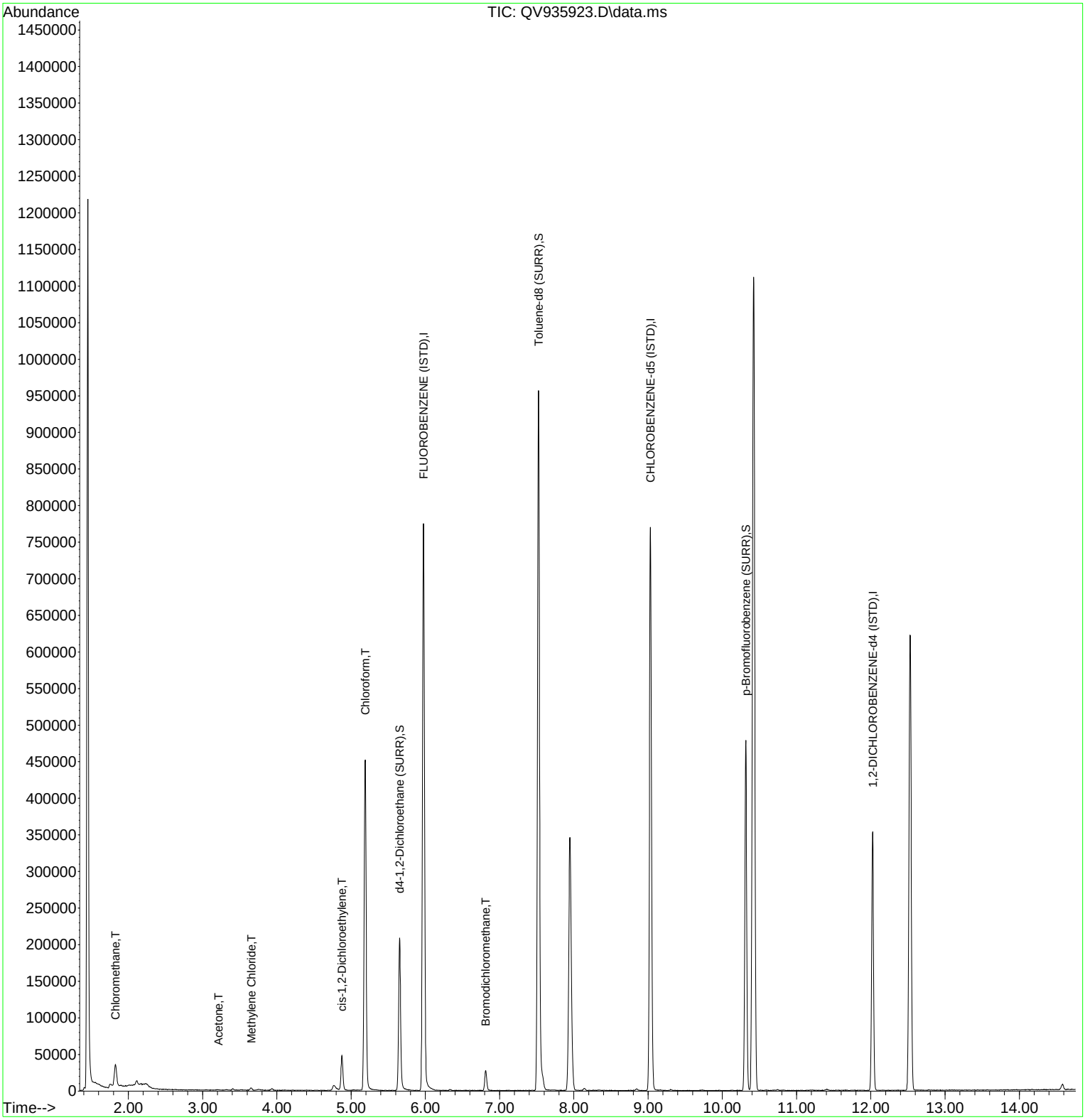
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	717559	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	467257	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	95582	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	145696	11.33	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 113.30%				
54) Toluene-d8 (SURR)	7.524	98	671823	9.94	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.40%				
73) p-Bromofluorobenzene (...	10.316	95	197627	9.24	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 92.40%				
Target Compounds							Qvalue
3) Chloromethane	1.825	50	39979	2.67	ppb		97
13) Acetone	3.211	43	462	0.33	ppb		61
18) Methylene Chloride	3.656	49	2130	0.12	ppb	#	64
26) cis-1,2-Dichloroethylene	4.876	61	27624	1.24	ppb		89
31) Chloroform	5.190	83	351211	14.74	ppb	#	94
46) Bromodichloromethane	6.812	83	19003	1.26	ppb	#	96

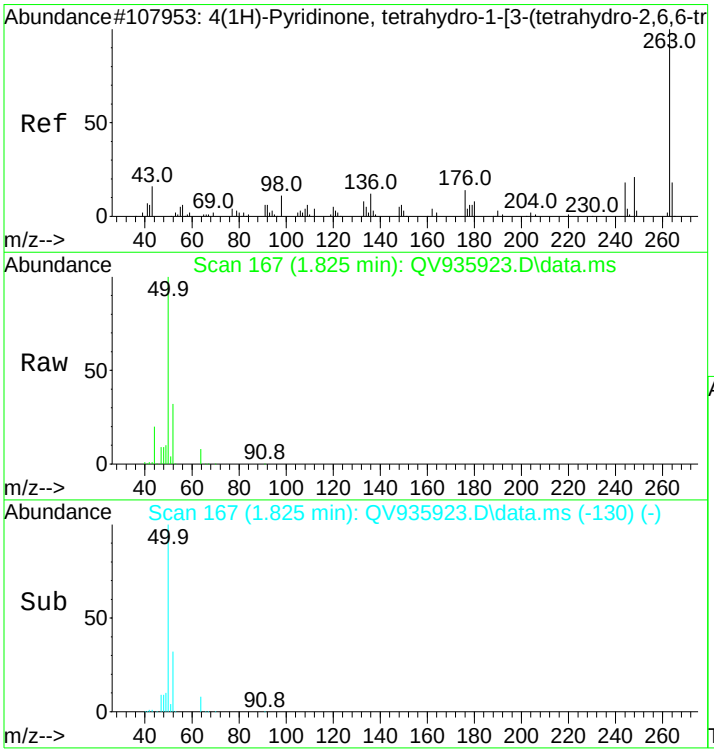
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935923.D
Acq On : 2 Jun 2025 8:52 pm
Operator : AC
Sample : 25E1596-02
Misc : QBQV9060225
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 03 17:06:31 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

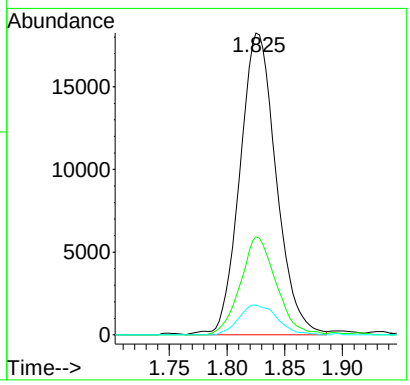


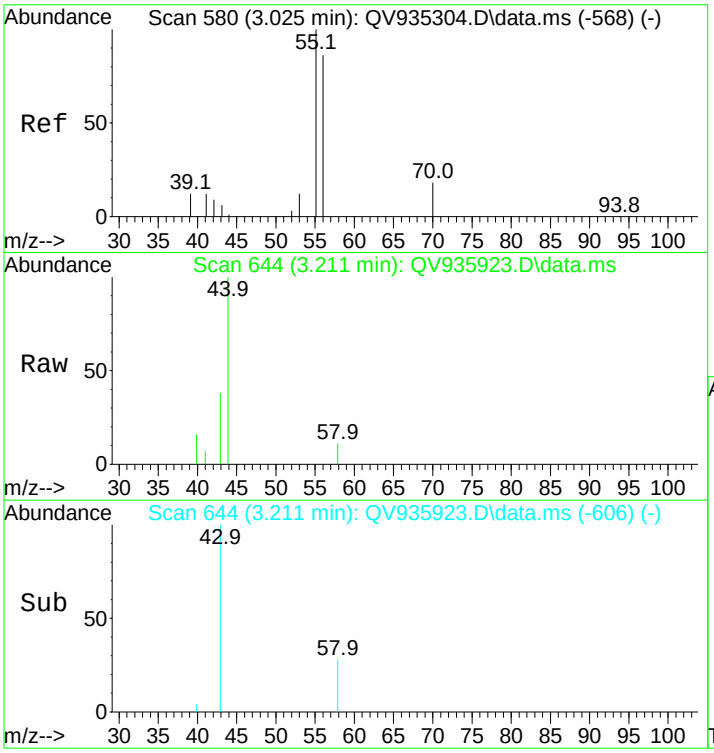


#3
Chloromethane
Concen: 2.67 ppb
RT: 1.825 min Scan# 167
Delta R.T. 0.009 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 50 Resp: 39979

Ion	Ratio	Lower	Upper
50	100		
52	31.8	16.9	50.6
49	10.4	2.0	18.0

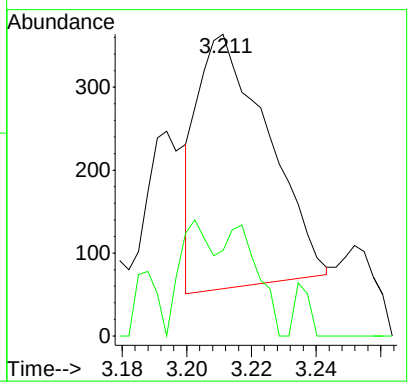


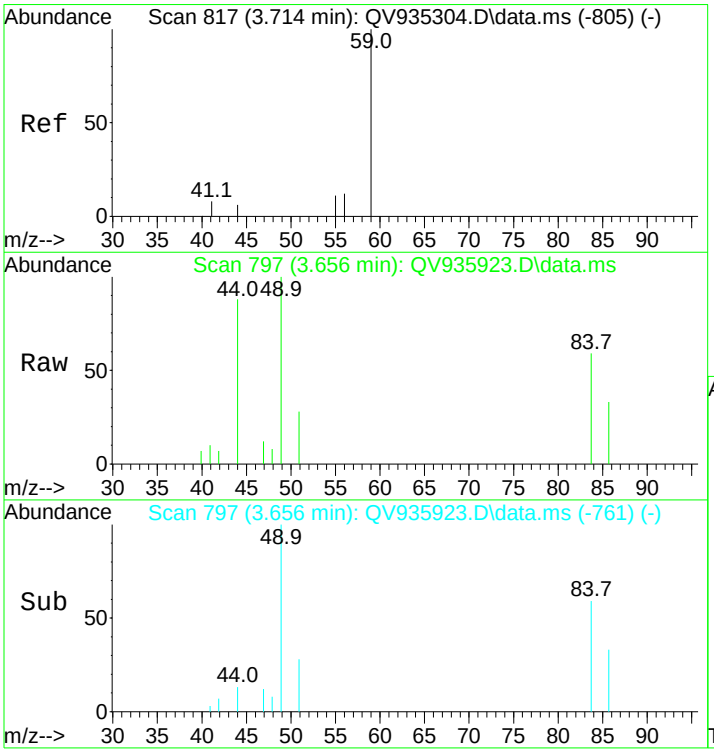


#13
Acetone
Concen: 0.33 ppb
RT: 3.211 min Scan# 644
Delta R.T. 0.012 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 43 Resp: 462

Ion	Ratio	Lower	Upper
43	100		
58	18.2	17.2	68.6

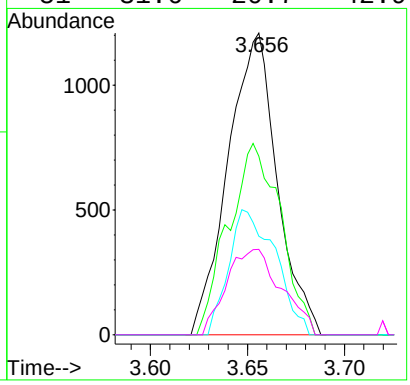


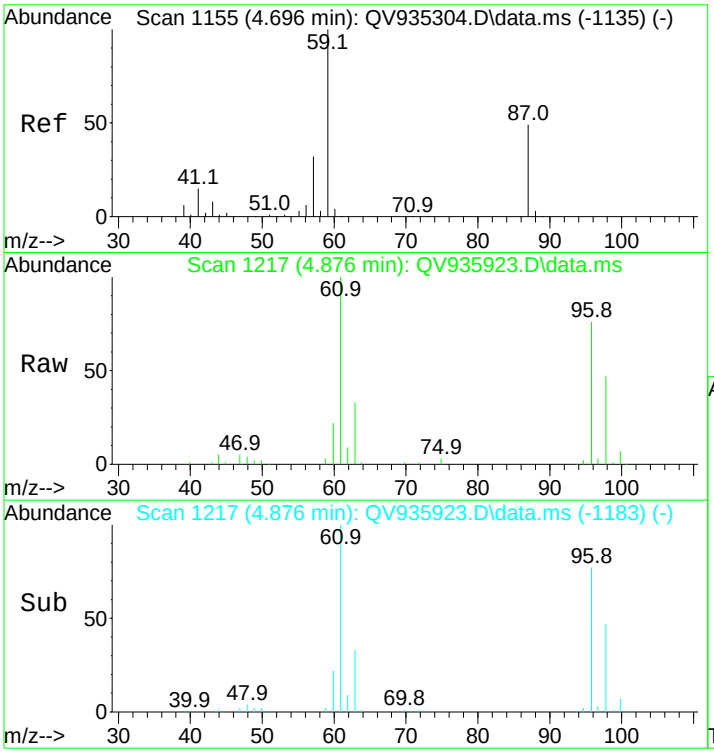


#18
Methylene Chloride
Concen: 0.12 ppb
RT: 3.656 min Scan# 797
Delta R.T. 0.006 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 49 Resp: 2130

Ion	Ratio	Lower	Upper
49	100		
84	67.1	73.3	152.1#
86	39.3	47.5	98.7#
51	31.6	20.7	42.9

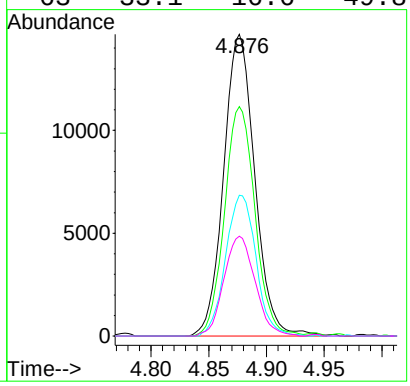


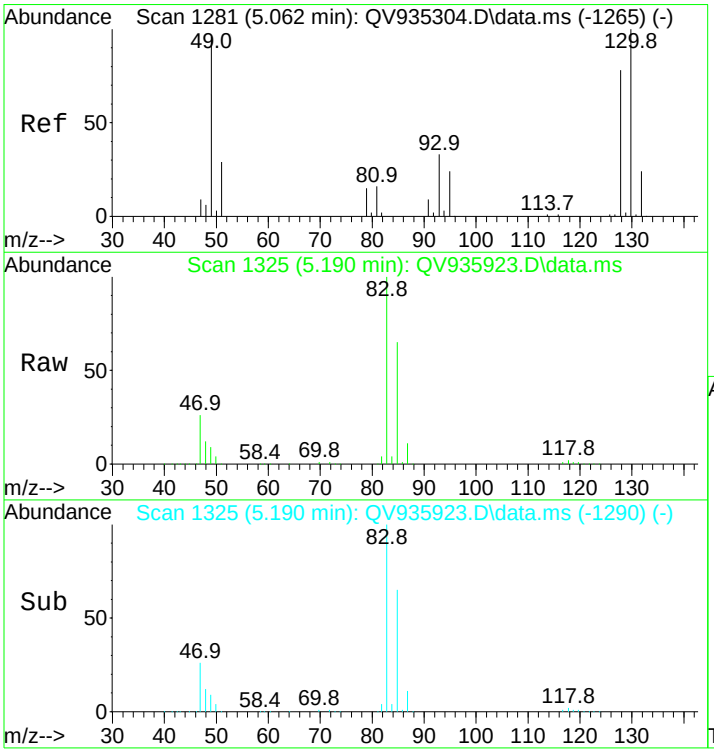


#26
cis-1,2-Dichloroethylene
Concen: 1.24 ppb
RT: 4.876 min Scan# 1217
Delta R.T. -0.000 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 61 Resp: 27624

Ion	Ratio	Lower	Upper
61	100		
96	74.4	56.4	117.2
98	45.6	28.1	84.4
63	33.1	16.6	49.8

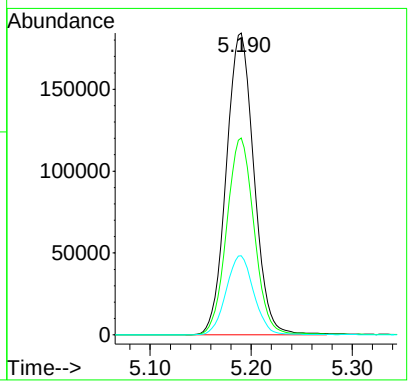


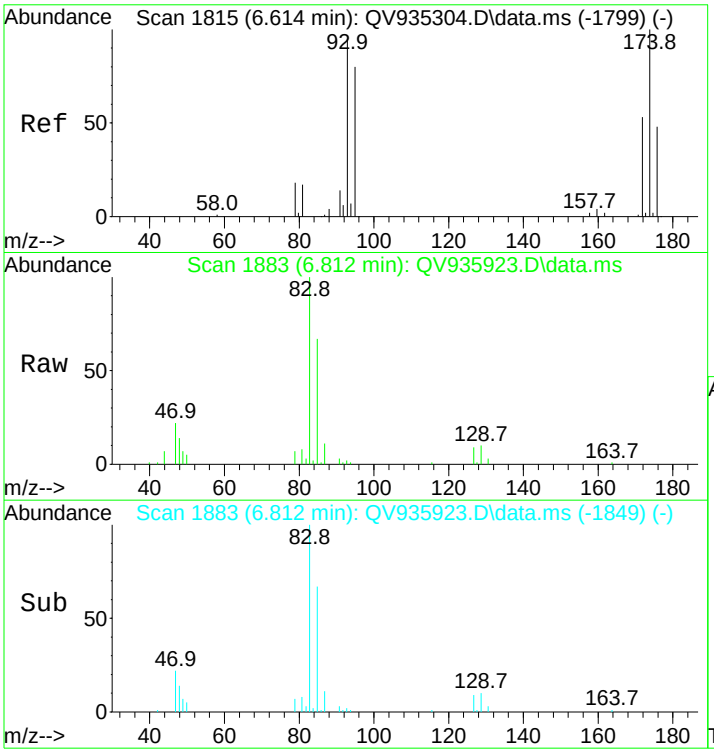


#31
Chloroform
Concen: 14.74 ppb
RT: 5.190 min Scan# 1325
Delta R.T. 0.003 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 83 Resp: 351211

Ion	Ratio	Lower	Upper
83	100		
85	64.7	42.5	88.3
47	26.3	10.1	20.9#

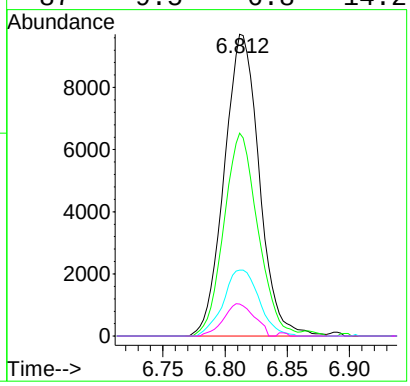




#46
Bromodichloromethane
Concen: 1.26 ppb
RT: 6.812 min Scan# 1883
Delta R.T. -0.000 min
Lab File: QV935923.D
Acq: 2 Jun 2025 8:52 pm

Tgt Ion: 83 Resp: 19003

Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.4	88.0
47	22.5	8.1	16.9#
87	9.5	6.8	14.2



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-11R

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-03	File ID:	QV935924.D
Sampled:	05/23/25 13:00	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 21:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	3.72	
156-59-2	cis-1,2-Dichloroethylene	1	4.06	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-11R

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-03	File ID:	QV935924.D
Sampled:	05/23/25 13:00	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 21:17
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.4	114	69 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.06	90.6	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	728643	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	471282	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	98648	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935924.D
Acq On : 2 Jun 2025 9:17 pm
Operator : AC
Sample : 25E1596-03
Misc : QBQV9060225
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 03 17:09:32 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

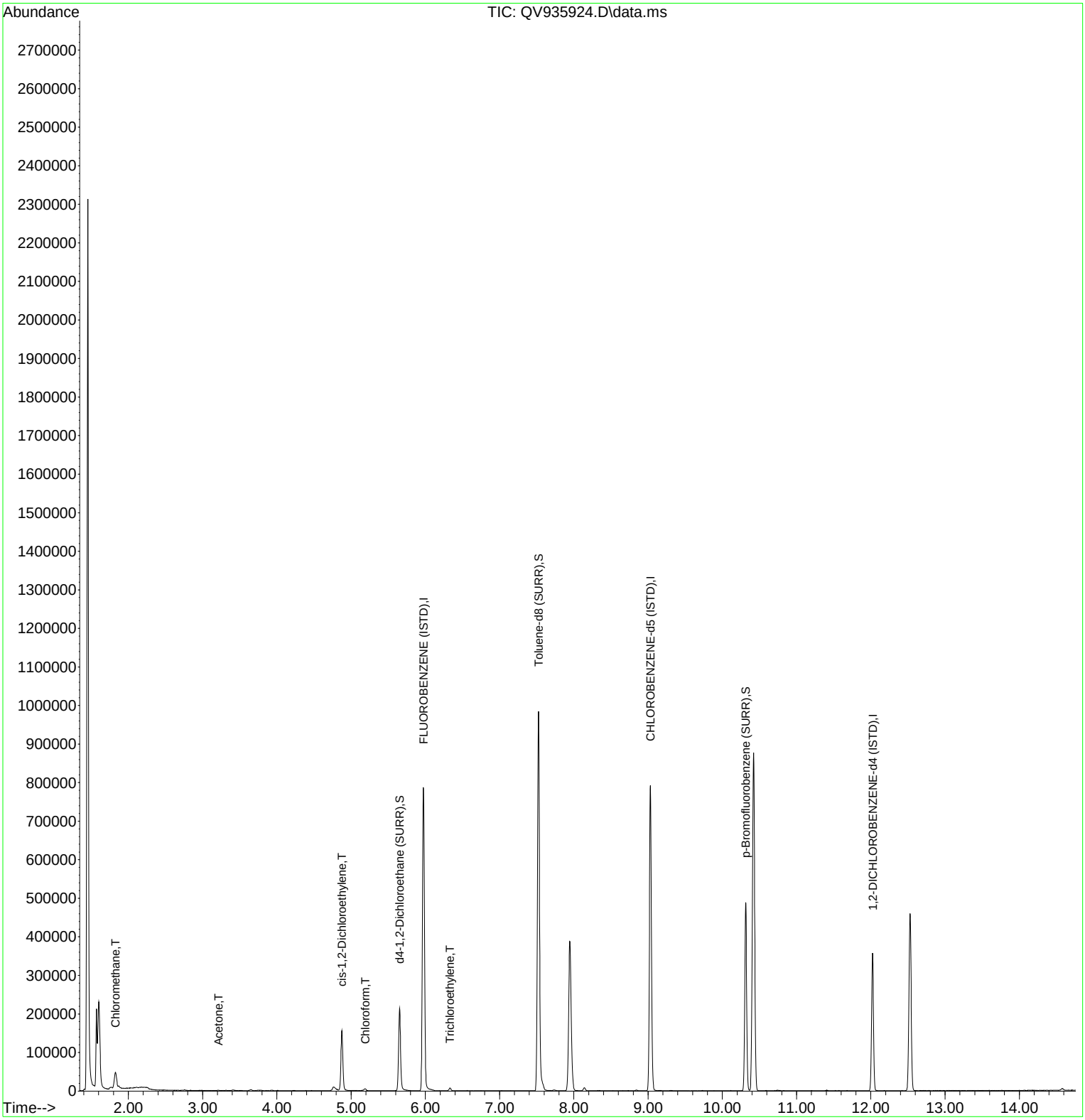
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	728643	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	471282	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	98648	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	149273	11.43	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 114.30%				
54) Toluene-d8 (SURR)	7.524	98	683109	10.02	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.20%				
73) p-Bromofluorobenzene (...	10.313	95	199868	9.06	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 90.60%				
Target Compounds							Qvalue
3) Chloromethane	1.825	50	56456	3.72	ppb		99
13) Acetone	3.214	43	1154	0.80	ppb		61
26) cis-1,2-Dichloroethylene	4.876	61	92081	4.06	ppb		86
31) Chloroform	5.190	83	3988	0.16	ppb	#	95
42) Trichloroethylene	6.329	95	2376	0.17	ppb		84

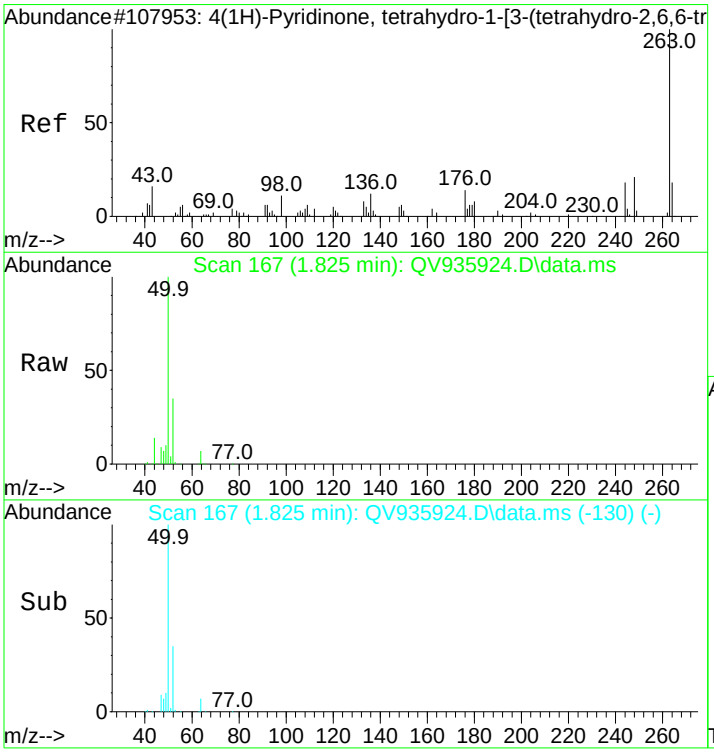
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935924.D
Acq On : 2 Jun 2025 9:17 pm
Operator : AC
Sample : 25E1596-03
Misc : QBQV9060225
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 03 17:09:32 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

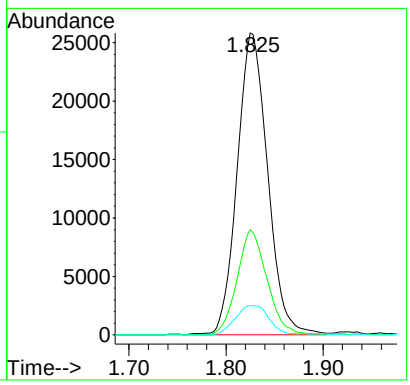


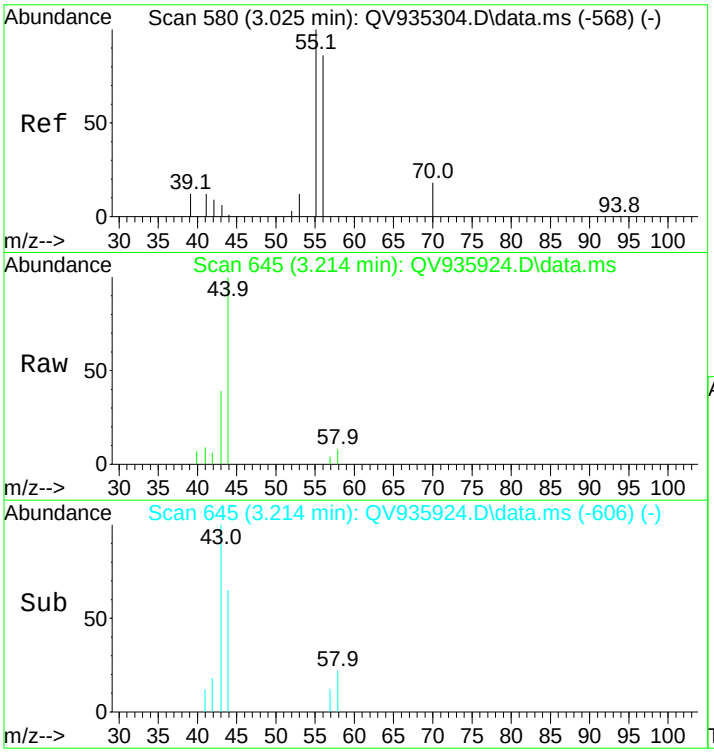


#3
Chloromethane
Concen: 3.72 ppb
RT: 1.825 min Scan# 167
Delta R.T. 0.009 min
Lab File: QV935924.D
Acq: 2 Jun 2025 9:17 pm

Tgt Ion: 50 Resp: 56456

Ion	Ratio	Lower	Upper
50	100		
52	34.0	16.9	50.6
49	10.8	2.0	18.0

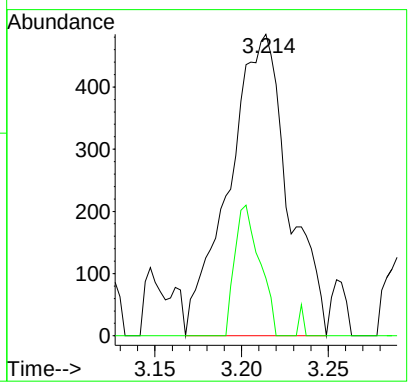


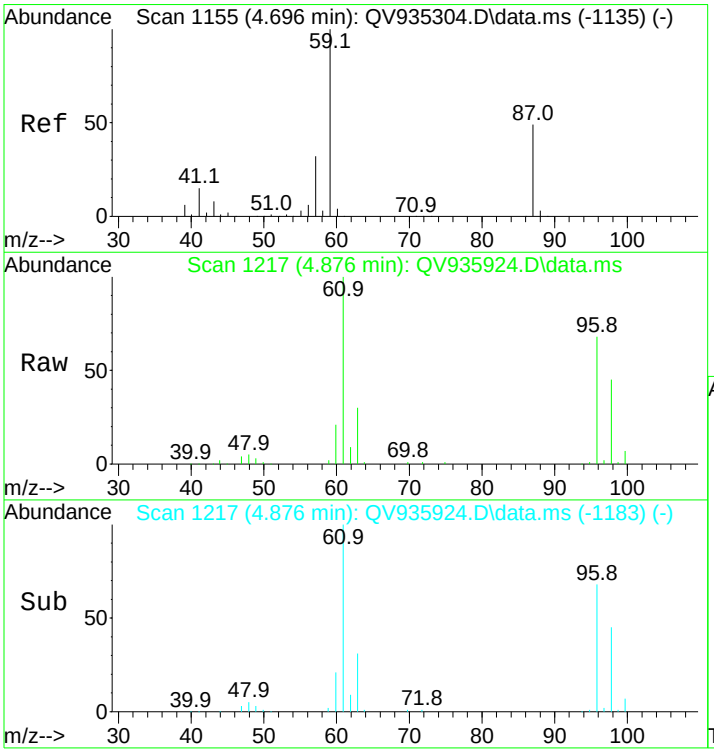


#13
Acetone
Concen: 0.80 ppb
RT: 3.214 min Scan# 645
Delta R.T. 0.014 min
Lab File: QV935924.D
Acq: 2 Jun 2025 9:17 pm

Tgt Ion: 43 Resp: 1154

Ion	Ratio	Lower	Upper
43	100		
58	18.3	17.2	68.6

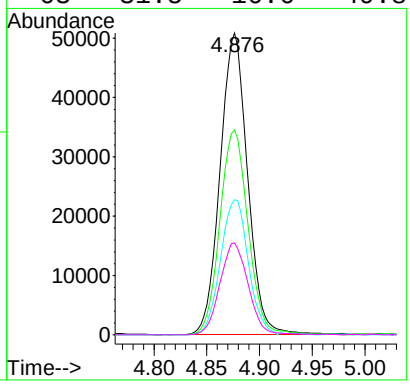


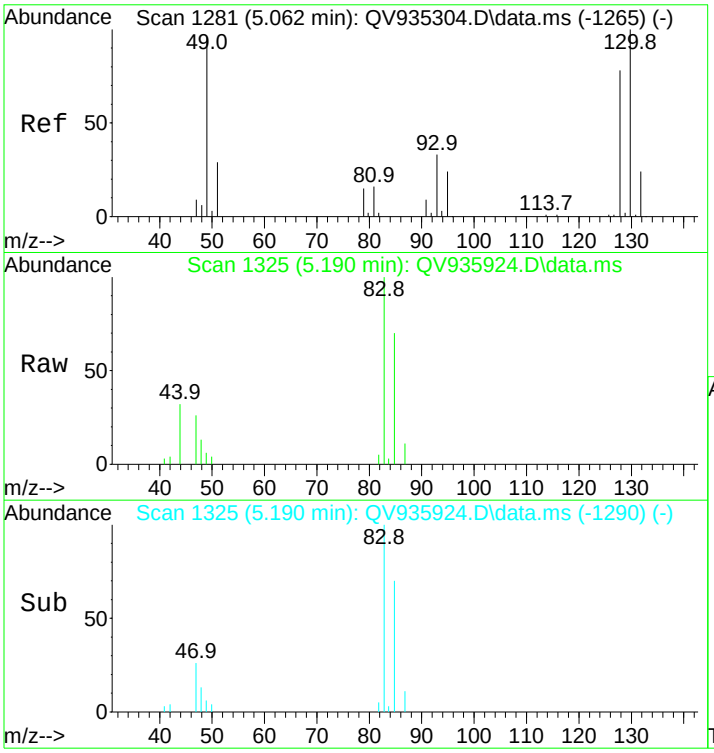


#26
cis-1,2-Dichloroethylene
Concen: 4.06 ppb
RT: 4.876 min Scan# 1217
Delta R.T. -0.000 min
Lab File: QV935924.D
Acq: 2 Jun 2025 9:17 pm

Tgt Ion: 61 Resp: 92081

Ion	Ratio	Lower	Upper
61	100		
96	69.9	56.4	117.2
98	45.4	28.1	84.4
63	31.5	16.6	49.8

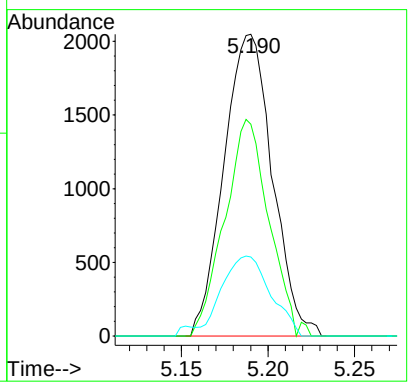


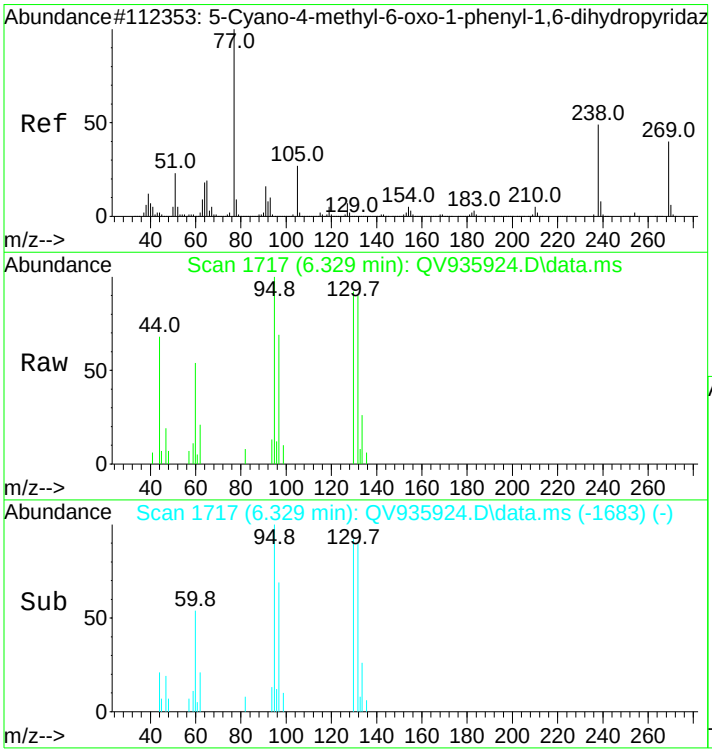


#31
Chloroform
Concen: 0.16 ppb
RT: 5.190 min Scan# 1325
Delta R.T. 0.003 min
Lab File: QV935924.D
Acq: 2 Jun 2025 9:17 pm

Tgt Ion: 83 Resp: 3988

Ion	Ratio	Lower	Upper
83	100		
85	65.6	42.5	88.3
47	26.6	10.1	20.9#

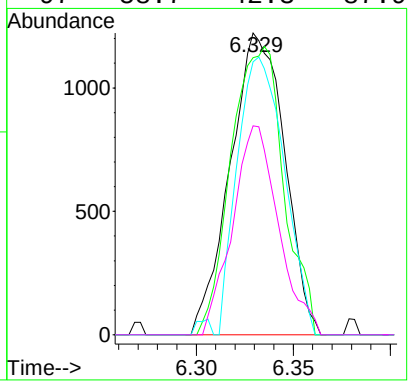




#42
Trichloroethylene
Concen: 0.17 ppb
RT: 6.329 min Scan# 1717
Delta R.T. -0.000 min
Lab File: QV935924.D
Acq: 2 Jun 2025 9:17 pm

Tgt Ion: 95 Resp: 2376

Ion	Ratio	Lower	Upper
95	100		
130	92.9	69.9	145.1
132	80.2	67.1	139.5
97	58.7	42.3	87.9



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-13R

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-04	File ID:	QV935925.D
Sampled:	05/23/25 09:37	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 21:42
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	1.47	J
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.360	J
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-13R

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-04	File ID:	QV935925.D
Sampled:	05/23/25 09:37	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 21:42
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.7	117	69 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.12	91.2	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	710703	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	460855	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	95907	12.022	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935925.D
Acq On : 2 Jun 2025 9:42 pm
Operator : AC
Sample : 25E1596-04
Misc : QBQV9060225
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 03 17:11:16 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

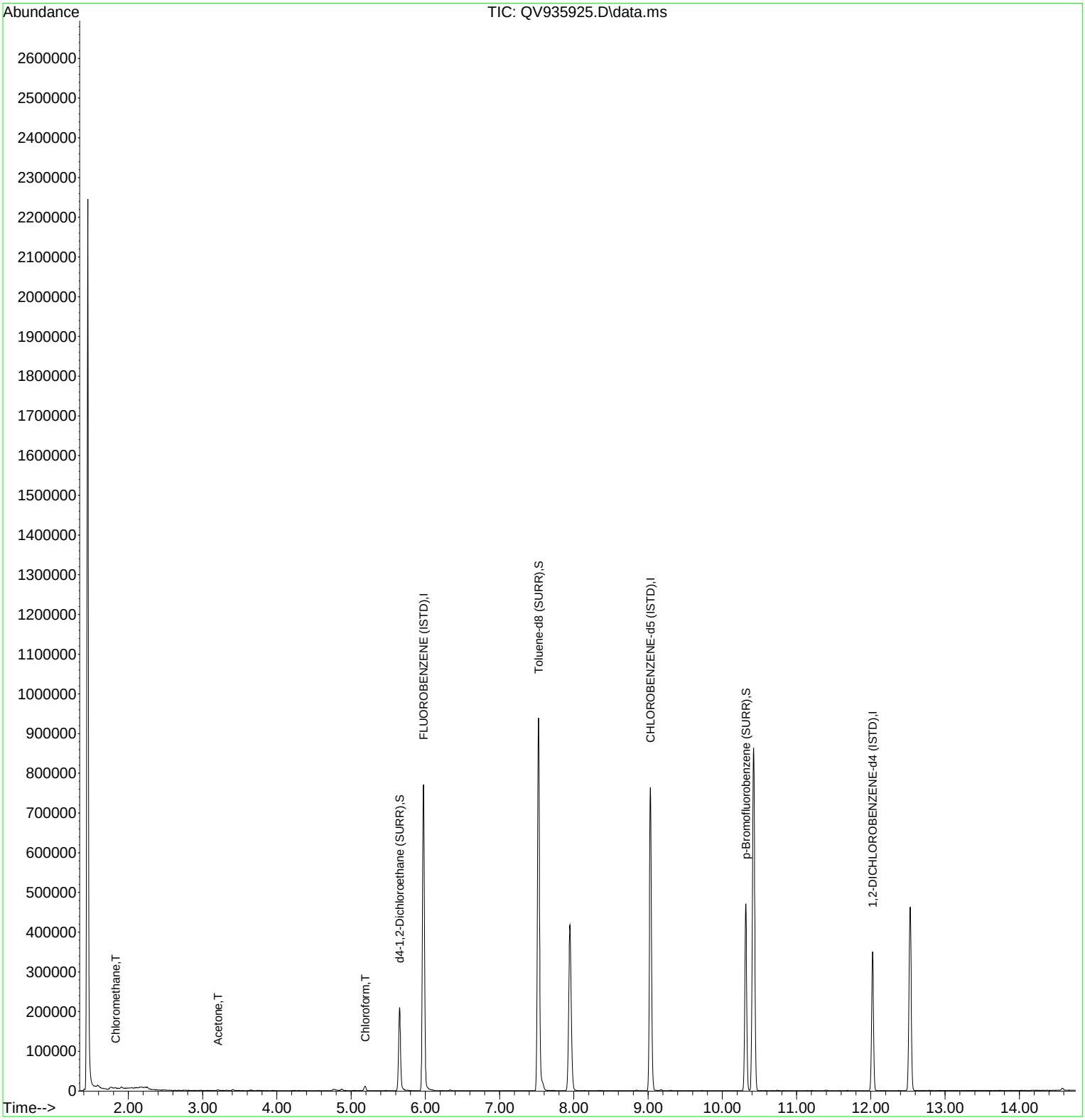
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.975	96	710703	10.00	ppb	0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	460855	10.00	ppb	# 0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	95907	10.00	ppb	# 0.00
System Monitoring Compounds						
35) d4-1,2-Dichloroethane ...	5.652	65	148761	11.68	ppb	0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 116.80%			
54) Toluene-d8 (SURR)	7.524	98	668135	10.02	ppb	0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.20%			
73) p-Bromofluorobenzene (...	10.316	95	195684	9.12	ppb	0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 91.20%			
Target Compounds						Qvalue
3) Chloromethane	1.828	50	1770	0.12	ppb	# 66
13) Acetone	3.205	43	2053	1.47	ppb	85
31) Chloroform	5.190	83	8413	0.36	ppb	# 89

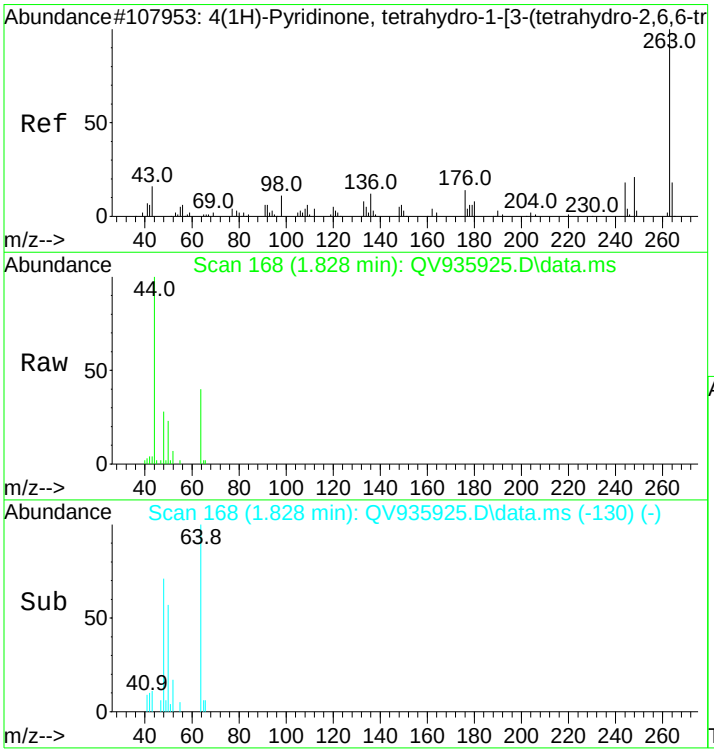
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935925.D
Acq On : 2 Jun 2025 9:42 pm
Operator : AC
Sample : 25E1596-04
Misc : QBQV9060225
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 03 17:11:16 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

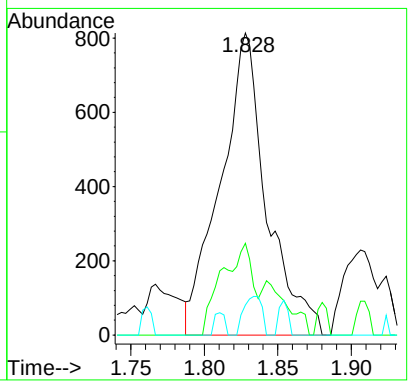


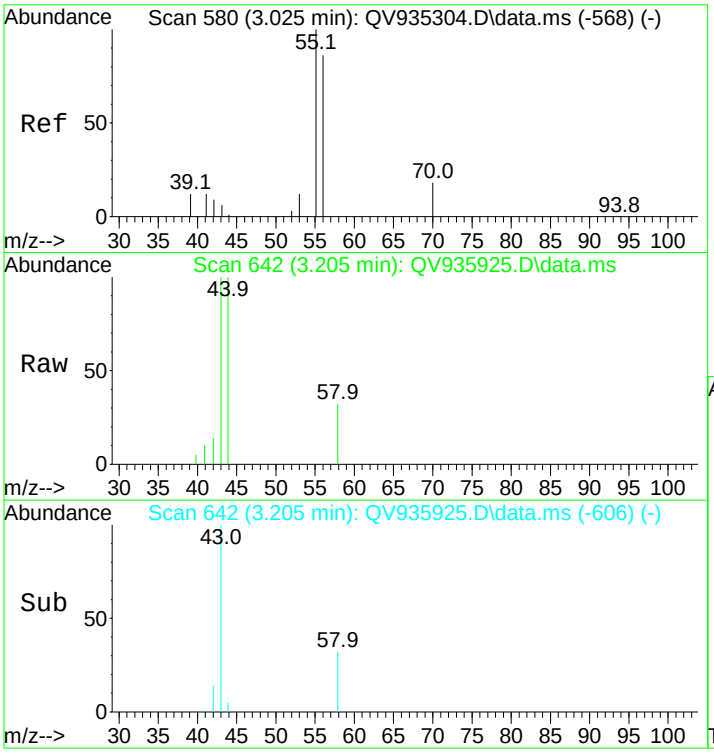


#3
Chloromethane
Concen: 0.12 ppb
RT: 1.828 min Scan# 168
Delta R.T. 0.011 min
Lab File: QV935925.D
Acq: 2 Jun 2025 9:42 pm

Tgt Ion: 50 Resp: 1770

Ion	Ratio	Lower	Upper
50	100		
52	10.7	16.9	50.6#
49	5.1	2.0	18.0

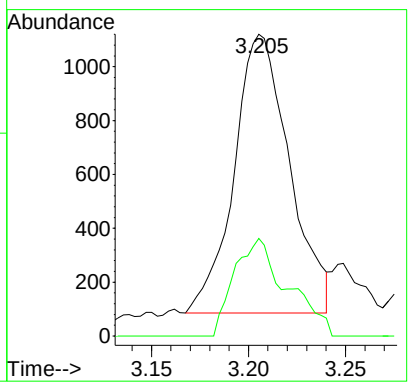


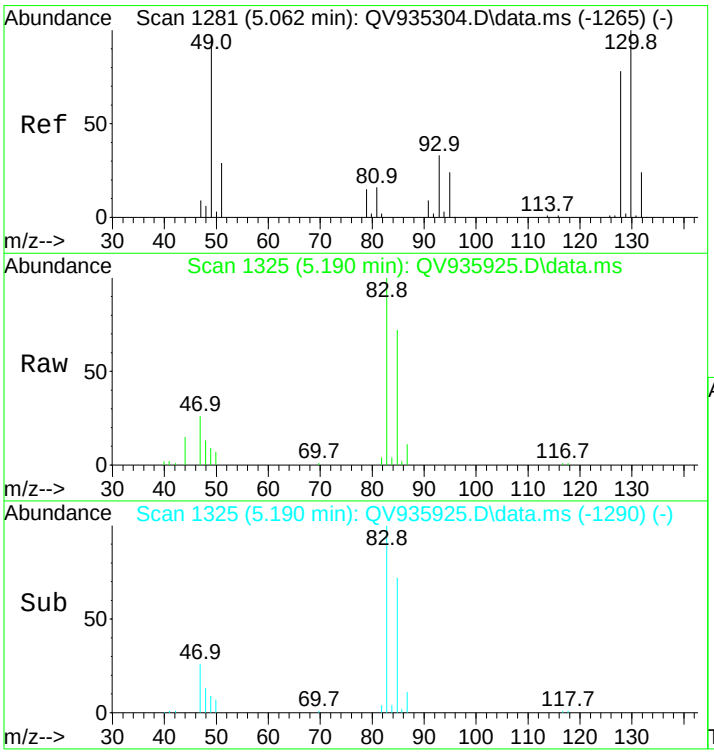


#13
Acetone
Concen: 1.47 ppb
RT: 3.205 min Scan# 642
Delta R.T. 0.006 min
Lab File: QV935925.D
Acq: 2 Jun 2025 9:42 pm

Tgt Ion: 43 Resp: 2053

Ion	Ratio	Lower	Upper
43	100		
58	33.6	17.2	68.6

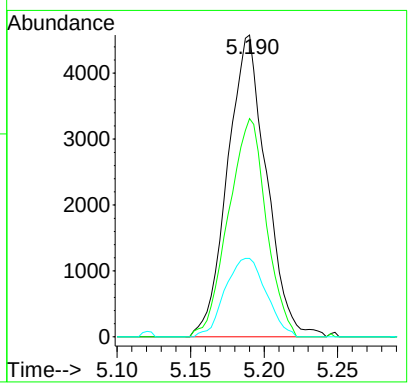




#31
Chloroform
Concen: 0.36 ppb
RT: 5.190 min Scan# 1325
Delta R.T. 0.003 min
Lab File: QV935925.D
Acq: 2 Jun 2025 9:42 pm

Tgt Ion: 83 Resp: 8413

Ion	Ratio	Lower	Upper
83	100		
85	70.5	42.5	88.3
47	27.6	10.1	20.9#



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-14

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-05	File ID:	QV935926.D
Sampled:	05/23/25 10:15	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 22:06
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-14

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-05	File ID:	QV935926.D
Sampled:	05/23/25 10:15	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 22:06
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.7	117	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.10	91.0	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	697542	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	457866	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	96310	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935926.D
Acq On : 2 Jun 2025 10:06 pm
Operator : AC
Sample : 25E1596-05
Misc : QBQV9060225
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 17:12:55 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

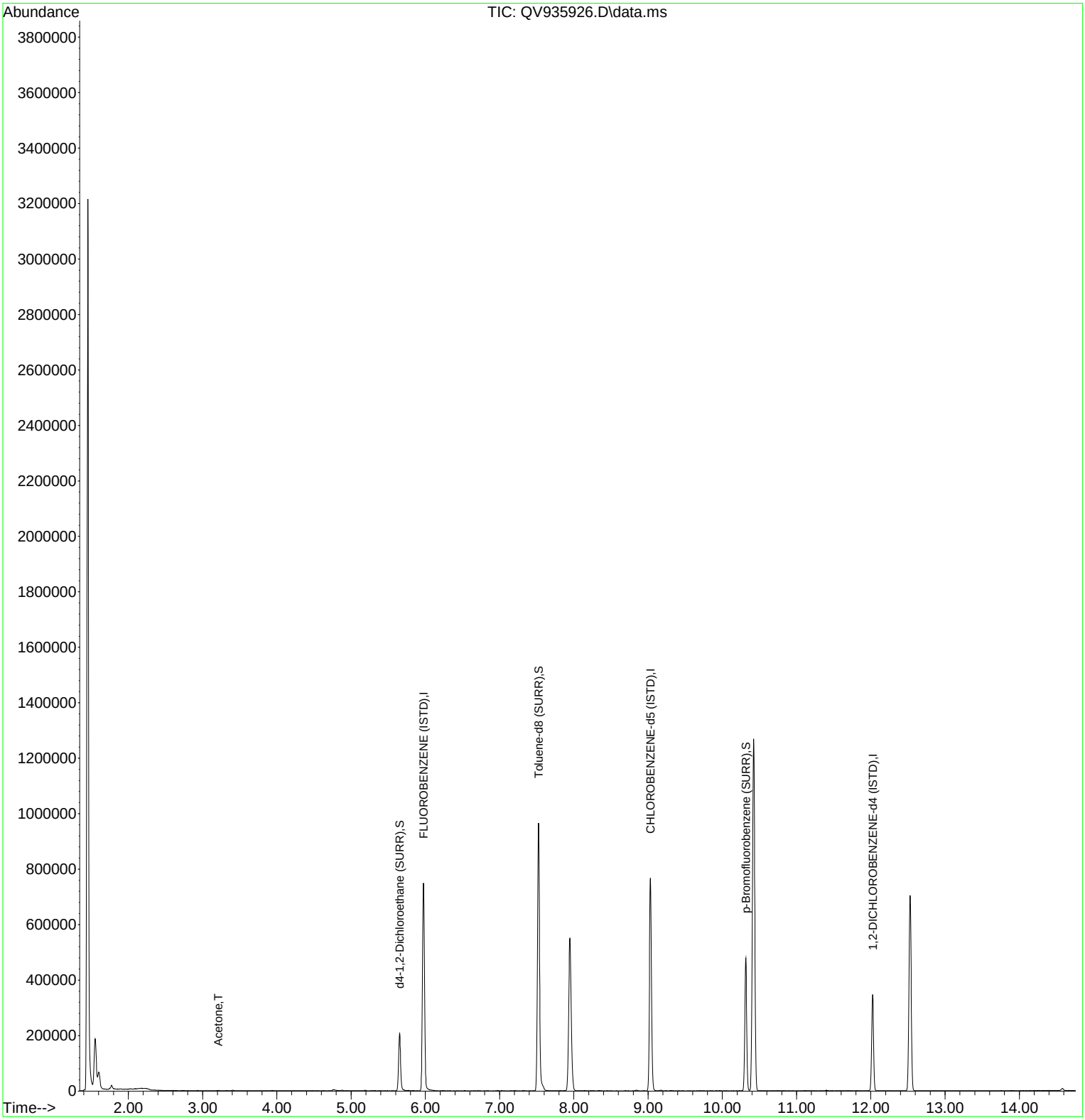
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.975	96	697542	10.00	ppb	0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	457866	10.00	ppb	# 0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	96310	10.00	ppb	# 0.00
System Monitoring Compounds						
35) d4-1,2-Dichloroethane ...	5.652	65	146015	11.68	ppb	0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 116.80%			
54) Toluene-d8 (SURR)	7.524	98	671324	10.14	ppb	0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.40%			
73) p-Bromofluorobenzene (...	10.316	95	196022	9.10	ppb	0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 91.00%			
Target Compounds						Qvalue
13) Acetone	3.208	43	1582	1.15	ppb	65

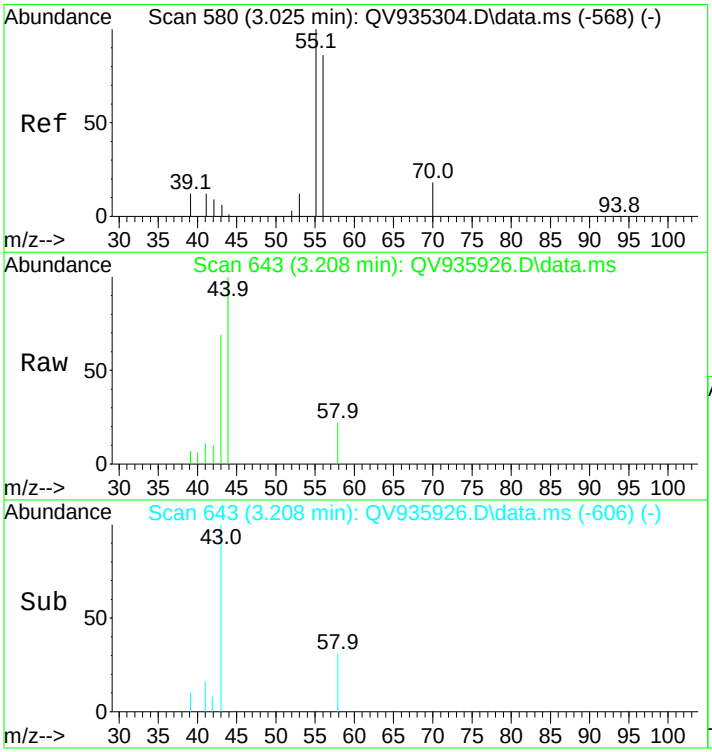
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935926.D
Acq On : 2 Jun 2025 10:06 pm
Operator : AC
Sample : 25E1596-05
Misc : QBQV9060225
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 17:12:55 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

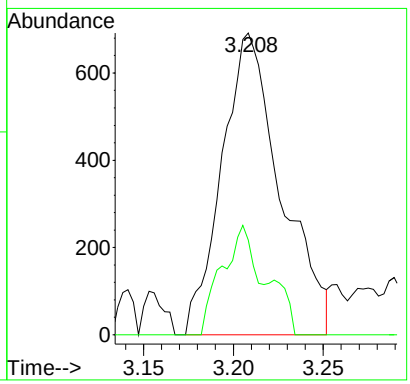




#13
Acetone
Concen: 1.15 ppb
RT: 3.208 min Scan# 643
Delta R.T. 0.009 min
Lab File: QV935926.D
Acq: 2 Jun 2025 10:06 pm

Tgt Ion: 43 Resp: 1582

Ion	Ratio	Lower	Upper
43	100		
58	20.8	17.2	68.6



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-15

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-06	File ID:	QV935927.D
Sampled:	05/23/25 11:05	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 22:31
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	4.49	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-15

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Ground Water	Laboratory ID:	25E1596-06	File ID:	QV935927.D
Sampled:	05/23/25 11:05	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 22:31
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	
SURR: Toluene-d8	10.0	10.2	102	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.41	94.1	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	694460	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	448102	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	89998	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935927.D
Acq On : 2 Jun 2025 10:31 pm
Operator : AC
Sample : 25E1596-06
Misc : QBQV9060225
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 17:14:12 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

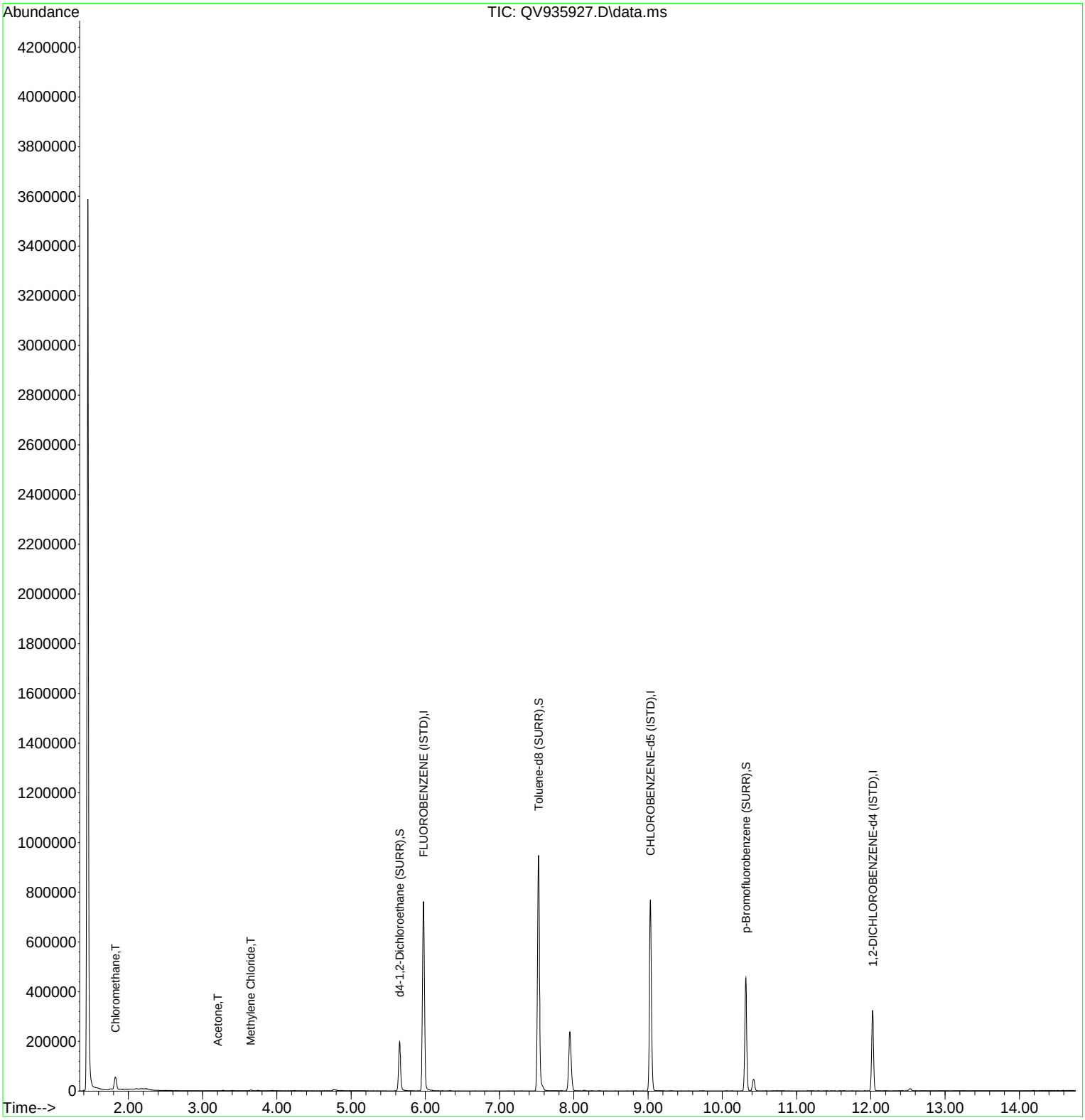
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.975	96	694460	10.00	ppb	0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	448102	10.00	ppb	# 0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	89998	10.00	ppb	# 0.00
System Monitoring Compounds						
35) d4-1,2-Dichloroethane ...	5.652	65	138796	11.15	ppb	0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 111.50%			
54) Toluene-d8 (SURR)	7.524	98	662004	10.21	ppb	0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 102.10%			
73) p-Bromofluorobenzene (...	10.316	95	189421	9.41	ppb	0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 94.10%			
Target Compounds						Qvalue
3) Chloromethane	1.825	50	64933	4.49	ppb	98
13) Acetone	3.202	43	1037m	0.76	ppb	
18) Methylene Chloride	3.647	49	2073	0.12	ppb #	60

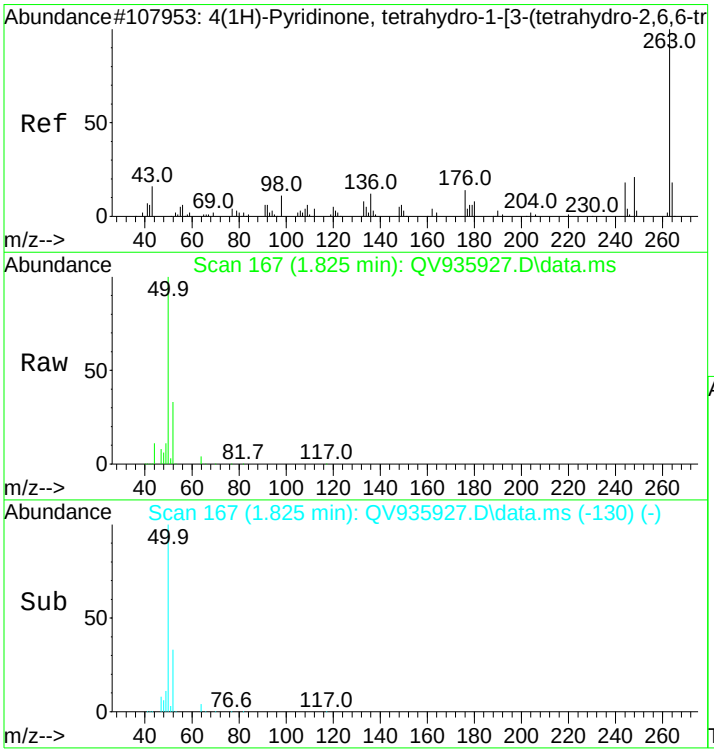
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935927.D
Acq On : 2 Jun 2025 10:31 pm
Operator : AC
Sample : 25E1596-06
Misc : QBQV9060225
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 17:14:12 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

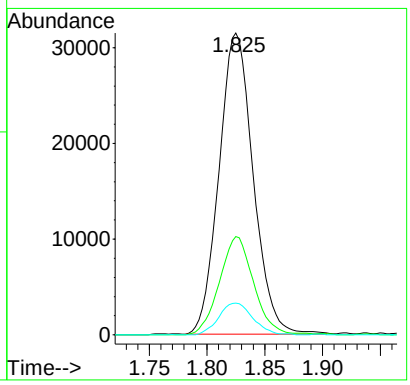


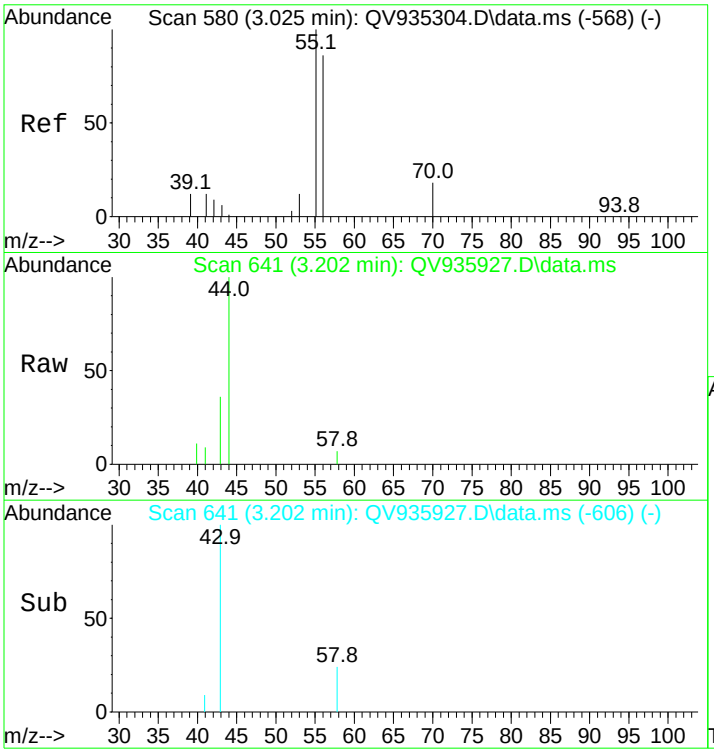


#3
Chloromethane
Concen: 4.49 ppb
RT: 1.825 min Scan# 167
Delta R.T. 0.008 min
Lab File: QV935927.D
Acq: 2 Jun 2025 10:31 pm

Tgt Ion: 50 Resp: 64933

Ion	Ratio	Lower	Upper
50	100		
52	32.6	16.9	50.6
49	10.4	2.0	18.0

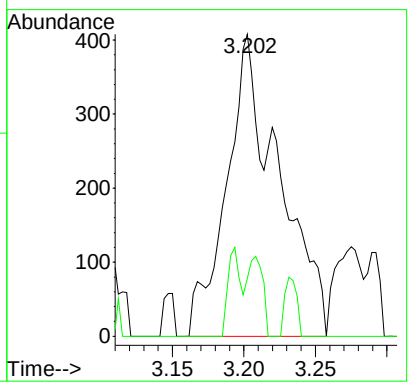


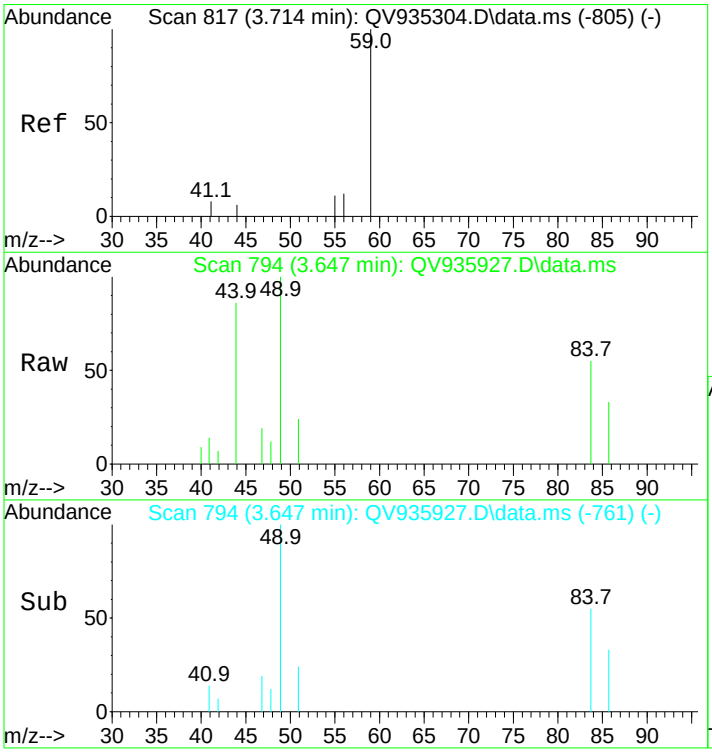


#13
Acetone
Concen: 0.76 ppb m
RT: 3.202 min Scan# 641
Delta R.T. 0.003 min
Lab File: QV935927.D
Acq: 2 Jun 2025 10:31 pm

Tgt Ion: 43 Resp: 1037

Ion	Ratio	Lower	Upper
43	100		
58	4.4	17.2	68.6#

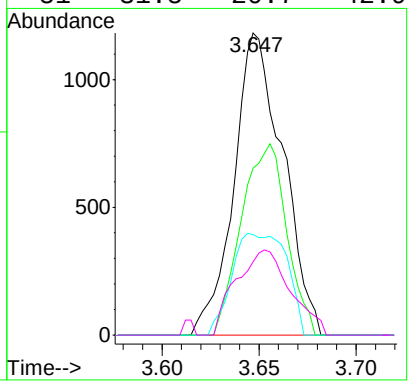




#18
Methylene Chloride
Concen: 0.12 ppb
RT: 3.647 min Scan# 794
Delta R.T. -0.003 min
Lab File: QV935927.D
Acq: 2 Jun 2025 10:31 pm

Tgt Ion: 49 Resp: 2073

Ion	Ratio	Lower	Upper
49	100		
84	58.6	73.3	152.1#
86	37.5	47.5	98.7#
51	31.5	20.7	42.9



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

FB

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water Laboratory ID: 25E1596-07 File ID: QV935921.D

Sampled: 05/23/25 11:02 Prepared: 06/02/25 12:00 Analyzed: 06/02/25 20:03

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BF50193 Sequence: S5F0335 Calibration: SE50045 Instrument: QVOA9

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	15.2	
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

FB

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	25E1596-07	File ID:	QV935921.D
Sampled:	05/23/25 11:02	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 20:03
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	0.510	J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.2	112	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.29	92.9	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	766298	5.975	799213	5.972	
ISTD: Chlorobenzene-d5	498816	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	100703	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935921.D
Acq On : 2 Jun 2025 8:03 pm
Operator : AC
Sample : 25E1596-07
Misc : QBQV9060225
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 03 16:53:41 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

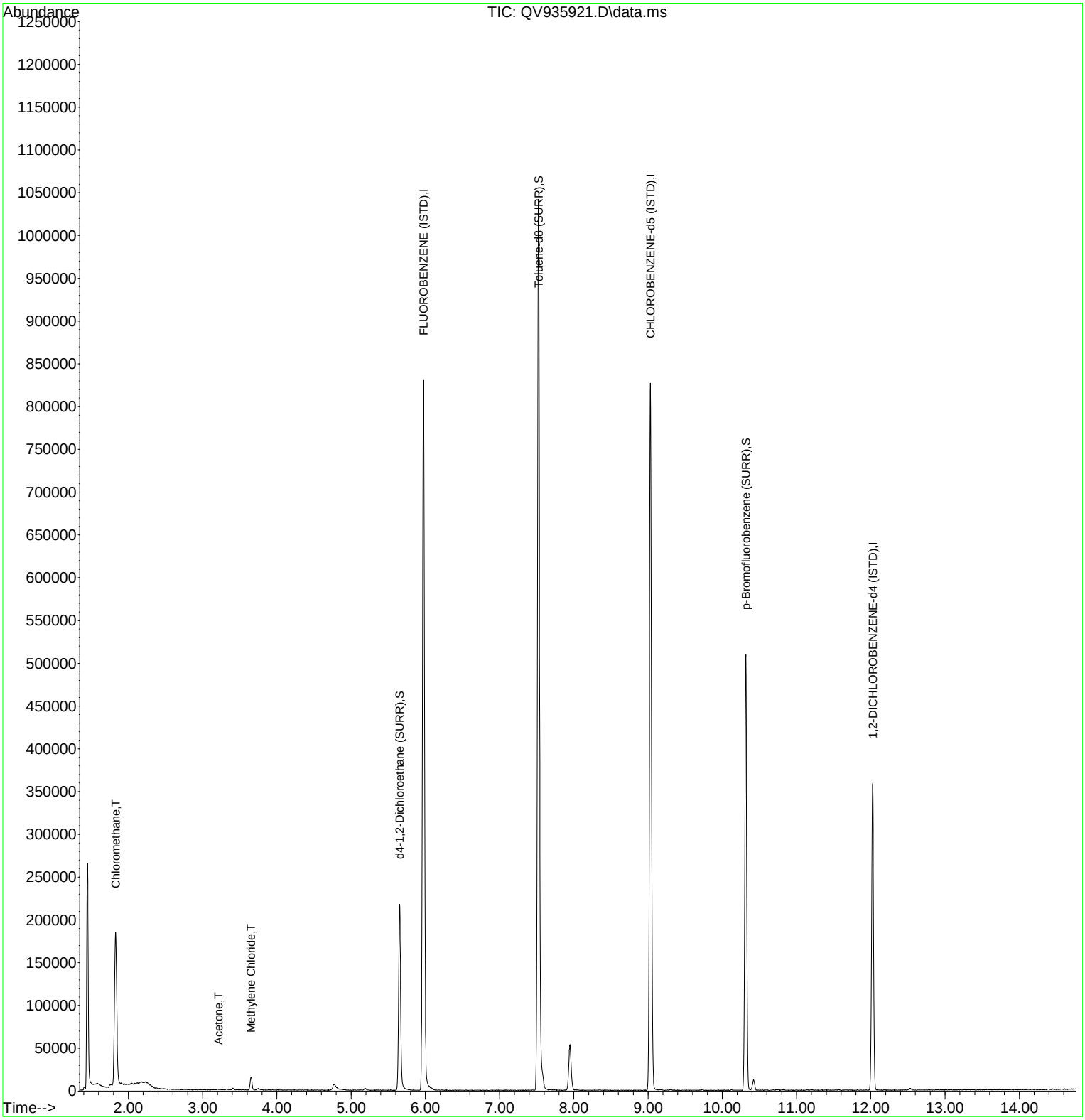
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	766298	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	498816	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	100703	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	154121	11.22	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 112.20%				
54) Toluene-d8 (SURR)	7.524	98	730640	10.13	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.30%				
73) p-Bromofluorobenzene (...	10.316	95	209232	9.29	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 92.90%				
Target Compounds							Qvalue
3) Chloromethane	1.828	50	241874	15.18	ppb		97
13) Acetone	3.214	43	916	0.61	ppb		67
18) Methylene Chloride	3.650	49	9528	0.51	ppb	#	63

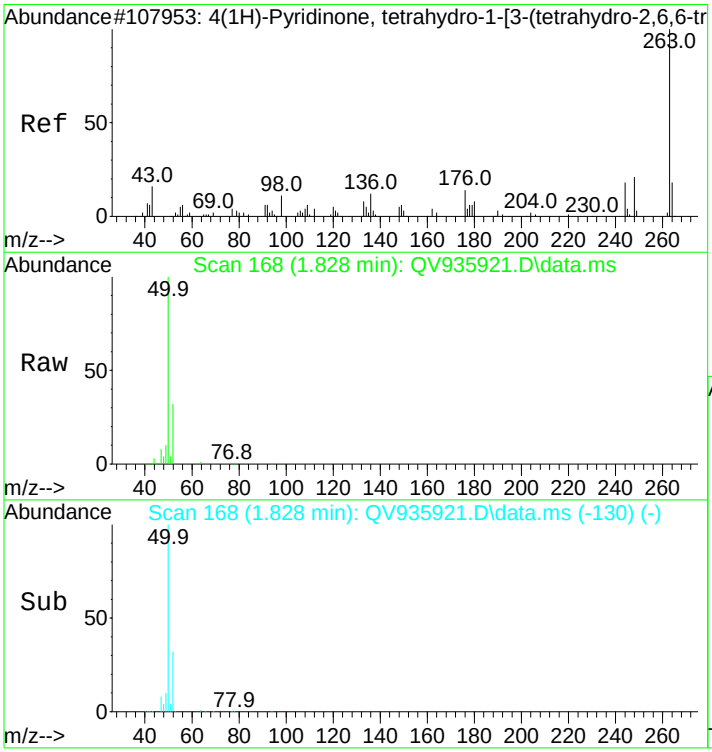
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935921.D
Acq On : 2 Jun 2025 8:03 pm
Operator : AC
Sample : 25E1596-07
Misc : QBQV9060225
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 03 16:53:41 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

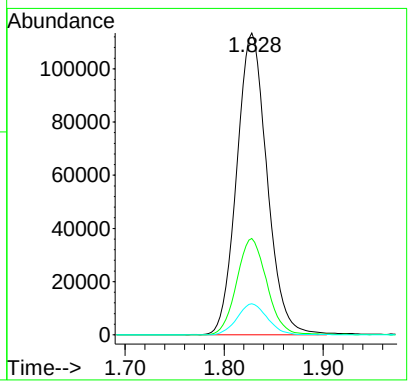


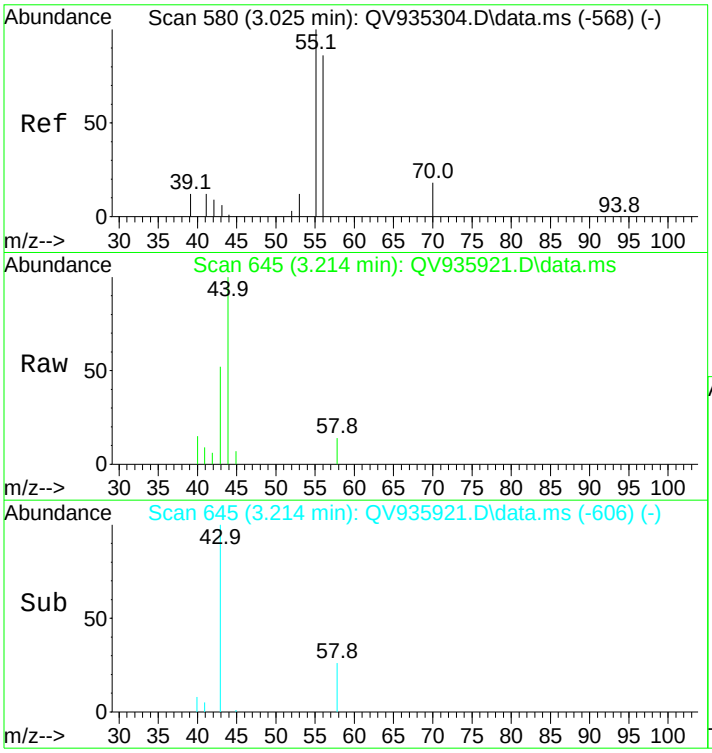


#3
Chloromethane
Concen: 15.18 ppb
RT: 1.828 min Scan# 168
Delta R.T. 0.011 min
Lab File: QV935921.D
Acq: 2 Jun 2025 8:03 pm

Tgt Ion: 50 Resp: 241874

Ion	Ratio	Lower	Upper
50	100		
52	31.9	16.9	50.6
49	10.4	2.0	18.0

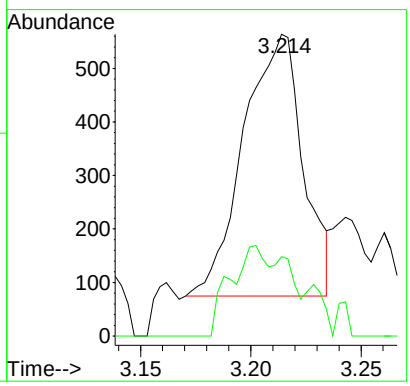


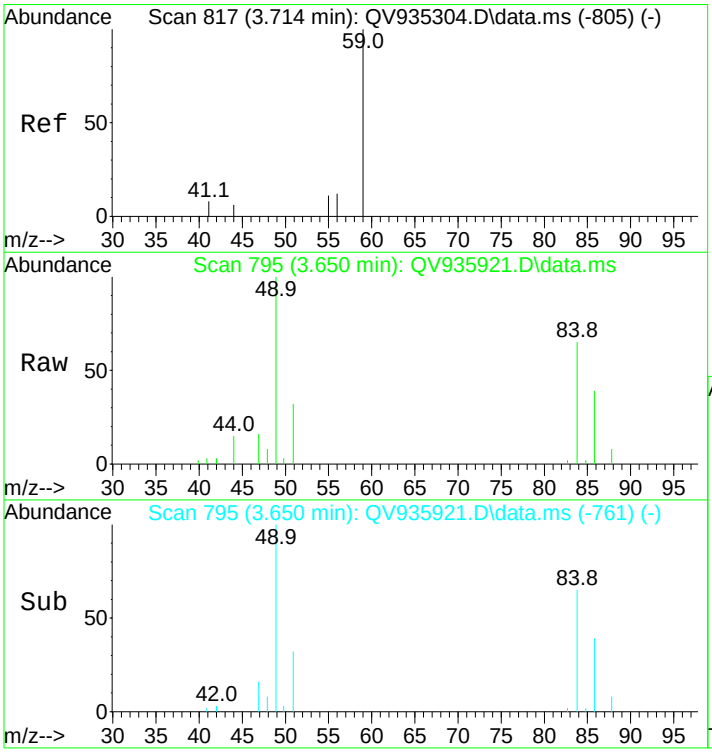


#13
Acetone
Concen: 0.61 ppb
RT: 3.214 min Scan# 645
Delta R.T. 0.014 min
Lab File: QV935921.D
Acq: 2 Jun 2025 8:03 pm

Tgt Ion: 43 Resp: 916

Ion	Ratio	Lower	Upper
43	100		
58	21.6	17.2	68.6

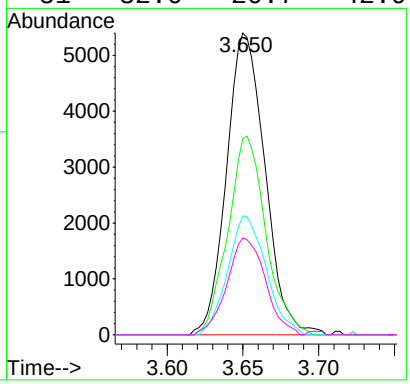




#18
Methylene Chloride
Concen: 0.51 ppb
RT: 3.650 min Scan# 795
Delta R.T. -0.000 min
Lab File: QV935921.D
Acq: 2 Jun 2025 8:03 pm

Tgt Ion: 49 Resp: 9528

Ion	Ratio	Lower	Upper
49	100		
84	64.9	73.3	152.1#
86	39.3	47.5	98.7#
51	32.0	20.7	42.9



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

TB

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water Laboratory ID: 25E1596-08 File ID: QV935920.D

Sampled: 05/23/25 11:02 Prepared: 06/02/25 12:00 Analyzed: 06/02/25 19:38

Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL

Batch: BF50193 Sequence: S5F0335 Calibration: SE50045 Instrument: QVOA9

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
123-91-1	1,4-Dioxane	1	80.0	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	1.95	J
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

TB

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	25E1596-08	File ID:	QV935920.D
Sampled:	05/23/25 11:02	Prepared:	06/02/25 12:00	Analyzed:	06/02/25 19:38
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045
Instrument:	QVOA9				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	10.7	
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
SURR: Toluene-d8	10.0	10.5	105	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.66	96.6	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	792475	5.972	799213	5.972	
ISTD: Chlorobenzene-d5	495150	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	90170	12.025	107401	12.022	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935920.D
Acq On : 2 Jun 2025 7:38 pm
Operator : AC
Sample : 25E1596-08
Misc : QBQV9060225
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 03 16:48:32 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

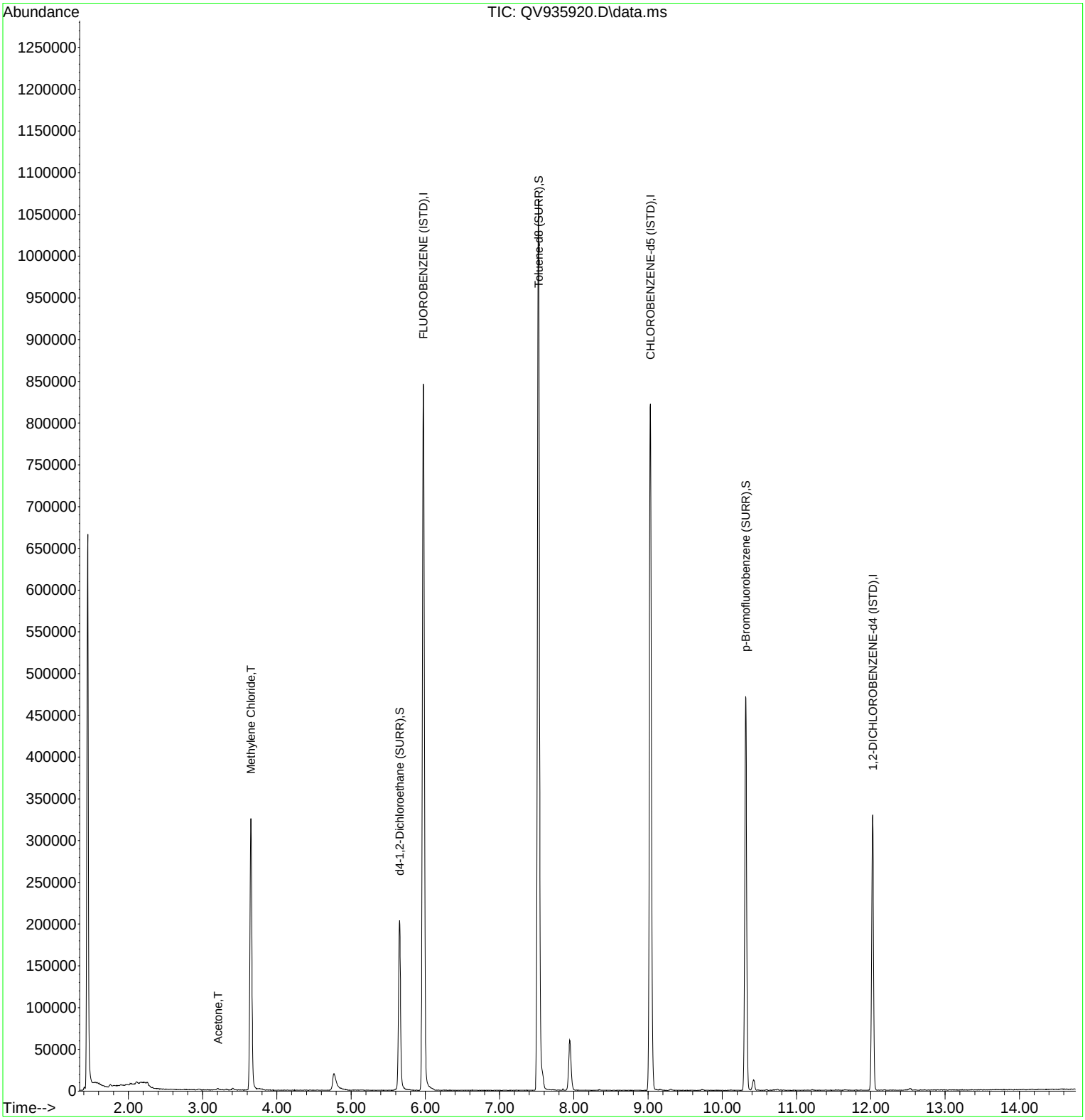
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	792475	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	495150	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	90170	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	146689	10.33	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 103.30%				
54) Toluene-d8 (SURR)	7.524	98	754853	10.54	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 105.40%				
73) p-Bromofluorobenzene (...	10.313	95	194922	9.66	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 96.60%				
Target Compounds							Qvalue
13) Acetone	3.205	43	3043	1.95	ppb		63
18) Methylene Chloride	3.650	49	205671	10.66	ppb	#	64

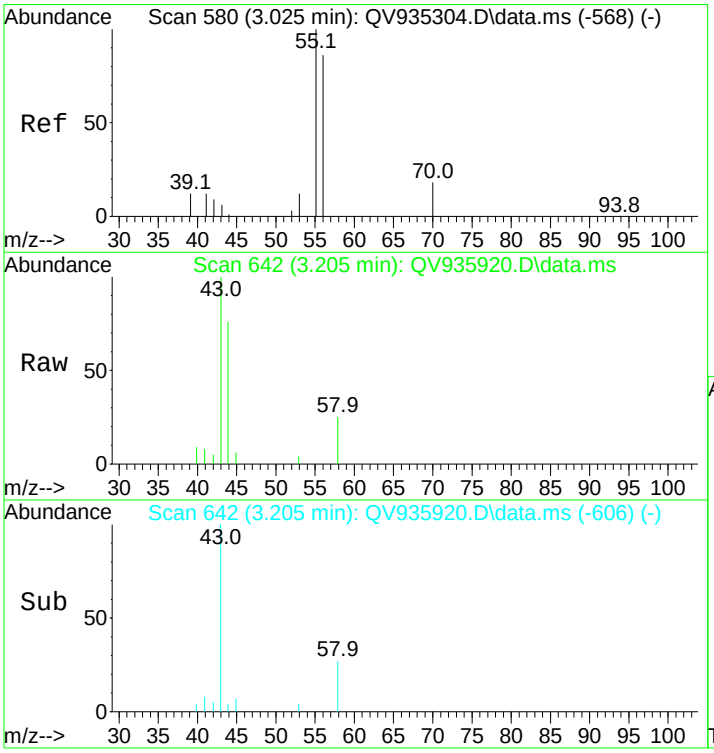
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935920.D
Acq On : 2 Jun 2025 7:38 pm
Operator : AC
Sample : 25E1596-08
Misc : QBQV9060225
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 03 16:48:32 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

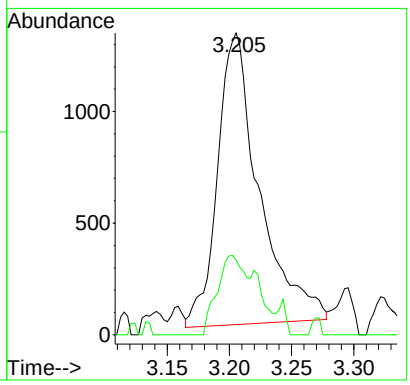


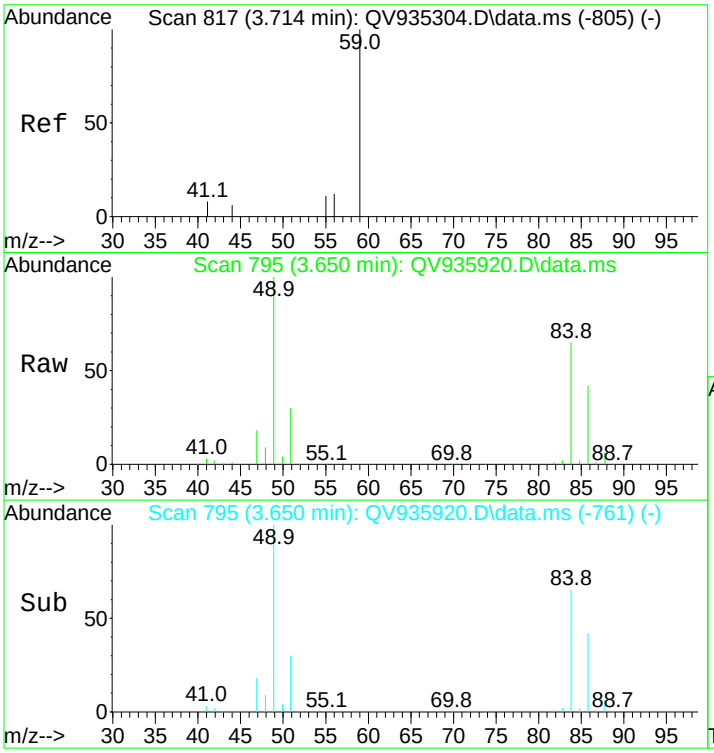


#13
Acetone
Concen: 1.95 ppb
RT: 3.205 min Scan# 642
Delta R.T. 0.006 min
Lab File: QV935920.D
Acq: 2 Jun 2025 7:38 pm

Tgt Ion: 43 Resp: 3043

Ion	Ratio	Lower	Upper
43	100		
58	19.0	17.2	68.6

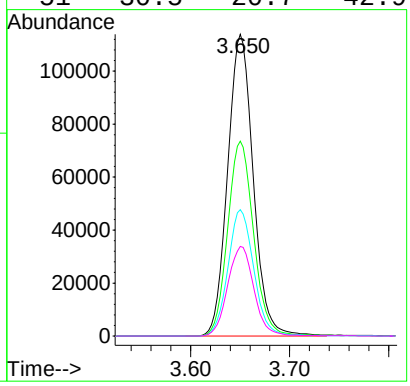




#18
Methylene Chloride
Concen: 10.66 ppb
RT: 3.650 min Scan# 795
Delta R.T. -0.000 min
Lab File: QV935920.D
Acq: 2 Jun 2025 7:38 pm

Tgt Ion: 49 Resp: 205671

Ion	Ratio	Lower	Upper
49	100		
84	65.3	73.3	152.1#
86	42.2	47.5	98.7#
51	30.5	20.7	42.9



FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.5	0.2229129	2	0.2050468	4	0.216431	10	0.2103585	20	0.2090819	40	0.2054285
1,1,1-Trichloroethane	0.5	0.3523536	2	0.3194717	4	0.3545406	10	0.3285592	20	0.3422344	40	0.3326003
1,1,2,2-Tetrachloroethane	0.5	0.5918881	2	0.5134401	4	0.5437537	10	0.5041392	20	0.495943	40	0.4982751
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	0.5	0.2193586	2	0.1931826	4	0.2116924	10	0.1935142	20	0.1904772	40	0.1840349
1,1,2-Trichloroethane	0.5	0.144593	2	0.1351951	4	0.1388365	10	0.1310468	20	0.1289661	40	0.1291766
1,1-Dichloroethane	0.5	0.3845139	2	0.3591847	4	0.3934595	10	0.3661349	20	0.3705948	40	0.3574044
1,1-Dichloroethylene	0.5	0.31809	2	0.291109	4	0.320997	10	0.2956176	20	0.2923833	40	0.2756774
1,1-Dichloropropylene	0.5	0.2595537	2	0.2489902	4	0.2781697	10	0.2601005	20	0.26241	40	0.2535953
1,2,3-Trichlorobenzene	0.5	0.4096664	2	0.340377	4	0.3541404	10	0.3436088	20	0.3547758	40	0.3570288
1,2,3-Trichloropropane	0.5	0.1852144	2	0.1555235	4	0.1609825	10	0.1540916	20	0.155092	40	0.1579644
1,2,3-Trimethylbenzene	0.5	5.482447	2	4.11102	4	4.216713	10	3.95384	20	3.892026	40	3.725672
1,2,4,5-Tetramethylbenzene	0.5	3.114728	2	2.669855	4	2.852064	10	2.778921	20	2.846434	40	2.776705
1,2,4-Trichlorobenzene	0.5	0.6000349	2	0.5060243	4	0.525904	10	0.5147293	20	0.5424298	40	0.5398278
1,2,4-Trimethylbenzene	0.5	4.625706	2	4.051569	4	4.313764	10	4.174608	20	4.242459	40	4.052301
1,2-Dibromo-3-chloropropane	0.5	4.755056E-02	2	0.1008216	4	0.0980787	10	9.181511E-02	20	8.856742E-02	40	8.865071E-02
1,2-Dibromoethane	0.5	0.1212505	2	0.114879	4	0.1177682	10	0.1122759	20	0.1115113	40	0.113888
1,2-Dichlorobenzene	0.5	1.529765	2	1.363841	4	1.406746	10	1.380522	20	1.357401	40	1.332341
1,2-Dichloroethane	0.5	0.1899748	2	0.185016	4	0.1963357	10	0.1870242	20	0.1876343	40	0.188191
1,2-Dichloropropane	0.5	0.2685532	2	0.2618428	4	0.2769837	10	0.2604103	20	0.2577629	40	0.2507769
1,3,5-Trimethylbenzene	0.5	5.22042	2	4.542428	4	4.950164	10	4.730658	20	4.700115	40	4.464587
1,3-Dichlorobenzene	0.5	2.056978	2	1.750587	4	1.844534	10	1.791006	20	1.790056	40	1.714484
1,3-Dichloropropane	0.5	0.2546457	2	0.2309721	4	0.2423683	10	0.233351	20	0.2284937	40	0.2302135
1,4-Dichlorobenzene	0.5	2.019569	2	1.717508	4	1.855021	10	1.743511	20	1.716842	40	1.698384
1,4-Dioxane	10		40		80		200		400		800	
2,2-Dichloropropane	0.5	0.326272	2	0.3110407	4	0.3375332	10	0.3112462	20	0.318728	40	0.3082425
2-Butanone	0.5	0.0252192	2	2.027906E-02	4	2.591842E-02	10	2.559546E-02	20	2.165917E-02	40	1.991747E-02
2-Chloroethylvinyl ether	0.5		2		4		10		20		40	
2-Chlorotoluene	0.5	1.366497	2	1.223441	4	1.333648	10	1.257249	20	1.260484	40	1.214613
2-Hexanone	0.5	7.606723E-02	2	5.642369E-02	4	5.513959E-02	10	5.495322E-02	20	4.981783E-02	40	4.766358E-02
4-Chlorotoluene	0.5	1.298164	2	1.188986	4	1.276932	10	1.199363	20	1.224724	40	1.179806
4-Methyl-2-pentanone	0.5	0.1192917	2	0.1048019	4	0.1064944	10	0.1024095	20	9.860616E-02	40	0.1005144

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Acetone	0.5	4.341319E-02	2	2.304793E-02	4	2.711916E-02	10	2.750189E-02	20	2.320006E-02	40	1.832889E-02
Acrolein	0.5	9.654388E-03	2	1.665465E-02	4	1.553242E-02	10	1.646516E-02	20	1.606013E-02	40	0.0169168
Acrylonitrile	0.5	1.846743E-02	2	2.123831E-02	4	2.286199E-02	10	2.034071E-02	20	1.968158E-02	40	2.100718E-02
Allyl chloride	0.5	0.3631859	2	0.3249991	4	0.3605416	10	0.3340401	20	0.3312874	40	0.3071157
Benzene	0.5	0.7951724	2	0.7250426	4	0.7898369	10	0.7289553	20	0.7391283	40	0.7126055
Bromobenzene	0.5	2.093555	2	1.866699	4	2.002035	10	1.883805	20	1.871647	40	1.88526
Bromochloromethane	0.5	0.1460989	2	0.1363483	4	0.1483221	10	0.1355414	20	0.1337104	40	0.1289686
Bromodichloromethane	0.5	0.3215391	2	0.3119451	4	0.3383588	10	0.3205468	20	0.3161585	40	0.3168264
Bromoform	0.5	4.511799E-02	2	5.435161E-02	4	6.039156E-02	10	6.053759E-02	20	6.025655E-02	40	6.502674E-02
Bromomethane	0.5	0.3108334	2	0.1316454	4	0.1166582	10	0.1047744	20	0.1046876	40	0.1046754
Carbon disulfide	0.5	0.5911682	2	0.4721273	4	0.5015554	10	0.4504514	20	0.4553477	40	0.423493
Carbon tetrachloride	0.5	0.2852777	2	0.2686885	4	0.296274	10	0.275095	20	0.2841331	40	0.2771379
Chlorobenzene	0.5	0.7147055	2	0.6386779	4	0.6861775	10	0.6452331	20	0.6489115	40	0.640448
Chlorodifluoromethane (Freon 22)	0.5		2		4		10		20		40	
Chloroethane	0.5	0.491911	2	0.2051188	4	0.1810908	10	0.1548204	20	0.1515087	40	0.139604
Chloroform	0.5	0.3464221	2	0.3273428	4	0.3501103	10	0.3344645	20	0.3362367	40	0.3290484
Chloromethane	0.5	0.7355844	2	0.2953816	4	0.2647619	10	0.2190861	20	0.2174494	40	0.2047135
cis-1,2-Dichloroethylene	0.5	0.3439612	2	0.3061408	4	0.3401663	10	0.3213251	20	0.320276	40	0.3077986
cis-1,3-Dichloropropylene	0.5	0.362968	2	0.3501895	4	0.3817006	10	0.3634021	20	0.3586957	40	0.3577892
cis-decahydronaphthalene	0.5		2		4		10		20		40	
Cyclohexane	0.5	0.9847055	2	0.9025765	4	1.000629	10	0.9076898	20	0.9170948	40	0.8683715
Dibromochloromethane	0.5	0.1520365	2	0.1493354	4	0.1600338	10	0.1537142	20	0.1568044	40	0.1573177
Dibromomethane	0.5	9.470859E-02	2	9.249891E-02	4	0.0980864	10	9.218699E-02	20	9.123707E-02	40	9.161177E-02
Dichlorodifluoromethane	0.5	0.4230683	2	0.2473465	4	0.2462849	10	0.2145425	20	0.2135479	40	0.2008251
Diisopropyl ether (DIPE)	0.5	0.5916099	2	0.5599013	4	0.6066215	10	0.585151	20	0.5950294	40	0.5878145
Ethanol	25	1.483284E-03	100	1.448519E-03	200	1.541207E-03	500	1.460272E-03	1000	1.461825E-03	2000	1.476464E-03
Ethyl Benzene	0.5	2.181269	2	1.885697	4	2.029056	10	1.893841	20	1.911607	40	1.827224
Ethyl Ether	0.5		2		4		10		20		40	
Ethyl Methacrylate	0.5	0.1429607	2	0.1238877	4	0.1309122	10	0.1226517	20	0.1216809	40	0.1268789
Ethyl tert-butyl ether (ETBE)	0.5	0.4571216	2	0.4285203	4	0.4663638	10	0.4513034	20	0.4559569	40	0.4657716
Hexachlorobutadiene	0.5	0.2690098	2	0.2335144	4	0.2604036	10	0.2474185	20	0.2674757	40	0.2564813

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SE50045

SDG: 25E1596

Project: 230051 - 170 Freeman Street, Brooklyn

Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Hexachloroethane	0.5	0.7100995	2	0.6126785	4	0.6750147	10	0.6702447	20	0.6995543	40	0.6930377
Iodomethane	0.5	0.8276271	2	0.337319	4	0.2919237	10	0.2306233	20	0.2221527	40	0.196836
Isopropylbenzene	0.5	6.483337	2	5.704876	4	6.228983	10	5.865385	20	5.940836	40	5.686472
Limonene	0.5		2		4		10		20		40	
Methyl acetate	0.5	3.668247E-02	2	4.098331E-02	4	4.562281E-02	10	4.322607E-02	20	4.317023E-02	40	4.348963E-02
Methyl Methacrylate	0.5	0.0271622	2	3.029606E-02	4	2.916594E-02	10	2.797295E-02	20	2.751935E-02	40	2.810087E-02
Methyl tert-butyl ether (MTBE)	0.5	0.2877176	2	0.2750766	4	0.3020195	10	0.2855839	20	0.2863952	40	0.293631
Methylcyclohexane	0.5	0.6114434	2	0.5552363	4	0.5983008	10	0.5396318	20	0.531521	40	0.5171114
Methylene chloride	0.5	0.2816179	2	0.2476991	4	0.2664499	10	0.2438871	20	0.2400824	40	0.2329679
Naphthalene	0.5	1.366331	2	1.003383	4	1.036559	10	1.002144	20	1.010543	40	1.014428
n-butyl acetate	0.5		2		4		10		20		40	
n-Butylbenzene	0.5	4.690547	2	3.988076	4	4.345331	10	4.220064	20	4.29077	40	4.201454
n-Decane	0.5		2		4		10		20		40	
n-Hexane	0.5		2		4		10		20		40	
Nitrobenzene	0.5	0.3172254	2	0.2272235	4	0.2463713	10	0.2454268	20	0.2495056	40	0.2455187
n-Nonane	0.5		2		4		10		20		40	
n-octane	0.5		2		4		10		20		40	
n-Propylbenzene	0.5	7.307325	2	6.385005	4	7.03205	10	6.653144	20	6.750942	40	6.512785
n-undecane	0.5		2		4		10		20		40	
o-Xylene	0.5	1.038889	2	0.9263651	4	0.9861361	10	0.9273815	20	0.9249569	40	0.8940858
p- & m- Xylenes	1	1.090634	4	0.9428487	8	1.014528	20	0.9469206	40	0.9558033	80	0.9136122
p-Diethylbenzene	0.5	2.403465	2	2.173996	4	2.352043	10	2.279373	20	2.316164	40	2.257026
p-Ethyltoluene	0.5	5.22042	2	4.542428	4	4.950164	10	4.730658	20	4.700115	40	4.464587
p-Isopropyltoluene	0.5	4.804436	2	4.177054	4	4.523009	10	4.344993	20	4.35086	40	4.20639
sec-Butylbenzene	0.5	5.759437	2	5.092906	4	5.455743	10	5.317462	20	5.448464	40	5.18656
Styrene	0.5	0.6722645	2	0.595229	4	0.6437467	10	0.6269732	20	0.6176491	40	0.6096553
SURR: 1,2-Dichloroethane-d4	10	0.1766332	10	0.176418	10	0.1822005	10	0.1769586	10	0.1781253	10	0.1817698
SURR: p-Bromofluorobenzene	10	2.129908	10	2.167364	10	2.148133	10	2.200267	10	2.230166	10	2.240059
SURR: Toluene-d8	10	1.459025	10	1.460257	10	1.437494	10	1.437696	10	1.4223	10	1.431398
tert-Amyl alcohol (TAA)	5	1.203118E-03	20	2.361829E-03	40	6.842356E-05	100	1.756483E-03	200	1.995141E-03	400	2.043939E-03

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Amyl methyl ether (TAME)	0.5	0.2892741	2	0.2701041	4	0.2997485	10	0.286923	20	0.2906832	40	0.307118
tert-Butyl alcohol (TBA)	0.5	4.77461E-03	2	1.794057E-03	4	2.710319E-03	10	3.523037E-03	20	3.39878E-03	40	3.725892E-03
tert-Butylbenzene	0.5	4.552717	2	4.18772	4	4.453834	10	4.172896	20	4.2646	40	4.138862
Tetrachloroethylene	0.5	0.3243141	2	0.289484	4	0.3184271	10	0.294841	20	0.3047235	40	0.2927688
Tetrahydrofuran	0.5	1.638512E-02	2	1.167174E-02	4	1.360218E-02	10	1.286813E-02	20	1.308842E-02	40	0.0130786
Toluene	0.5	1.322133	2	1.162558	4	1.218924	10	1.142075	20	1.12947	40	1.093273
trans-1,2-Dichloroethylene	0.5	0.304271	2	0.2847987	4	0.309823	10	0.2875222	20	0.2931827	40	0.2756195
trans-1,3-Dichloropropylene	0.5	0.2701856	2	0.2475568	4	0.265327	10	0.2546633	20	0.254824	40	0.2624076
trans-1,4-dichloro-2-butene	0.5	3.907127E-02	2	5.403536E-02	4	6.072238E-02	10	6.613183E-02	20	6.861983E-02	40	7.555434E-02
trans-decahydronaphthalene	0.5		2		4		10		20		40	
Trichloroethylene	0.5	0.3336837	2	0.2978695	4	0.3249769	10	0.295778	20	0.2974187	40	0.290184
Trichlorofluoromethane	0.5	0.9244444	2	0.4520608	4	0.4166968	10	0.3525062	20	0.3481282	40	0.3254263
Vinyl acetate	0.5	0.1898276	2	0.1689058	4	0.1861121	10	0.1786513	20	0.17705	40	0.1801945
Vinyl Chloride	0.5	0.6369372	2	0.2695804	4	0.2472806	10	0.2048583	20	0.2012462	40	0.1862996

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	80	0.2060519	120	0.1986046	160	0.1902382						
1,1,1-Trichloroethane	80	0.3410286	120	0.3343196	160	0.3212845						
1,1,2,2-Tetrachloroethane	80	0.5364205	120	0.5386158	160	0.5350666						
1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	80	0.1864496	120	0.1765573	160	0.1683045						
1,1,2-Trichloroethane	80	0.1330668	120	0.1314687	160	0.1278291						
1,1-Dichloroethane	80	0.3499656	120	0.3265576	160	0.3081251						
1,1-Dichloroethylene	80	0.2779548	120	0.2603269	160	0.2459294						
1,1-Dichloropropylene	80	0.2543466	120	0.2403558	160	0.2259097						
1,2,3-Trichlorobenzene	80	0.398213	120	0.4073542	160	0.4089456						
1,2,3-Trichloropropane	80	0.1688443	120	0.1703991	160	0.1702506						
1,2,3-Trimethylbenzene	80	3.880681	120	3.87597	160	3.917042						
1,2,4,5-Tetramethylbenzene	80	2.977886	120	3.00605	160	3.059897						
1,2,4-Trichlorobenzene	80	0.5883421	120	0.605497	160	0.6208288						
1,2,4-Trimethylbenzene	80	4.259302	120	4.185564	160	4.211677						
1,2-Dibromo-3-chloropropane	80	0.0947234	120	9.633976E-02	160	9.722446E-02						
1,2-Dibromoethane	80	0.1189869	120	0.11776	160	0.1151716						
1,2-Dichlorobenzene	80	1.373069	120	1.348808	160	1.352542						
1,2-Dichloroethane	80	0.1951667	120	0.1897717	160	0.1823102						
1,2-Dichloropropane	80	0.244313	120	0.239775	160	0.232641						
1,3,5-Trimethylbenzene	80	4.675393	120	4.507328	160	4.508421						
1,3-Dichlorobenzene	80	1.765666	120	1.734256	160	1.727556						
1,3-Dichloropropane	80	0.2370735	120	0.2328541	160	0.227078						
1,4-Dichlorobenzene	80	1.768979	120	1.765352	160	1.784217						
1,4-Dioxane	1600		2400		3200							
2,2-Dichloropropane	80	0.3153153	120	0.3001196	160	0.2798309						
2-Butanone	80	1.952257E-02	120	1.955665E-02	160	1.928578E-02						
2-Chloroethylvinyl ether	80		120		160							
2-Chlorotoluene	80	1.241868	120	1.228043	160	1.223323						
2-Hexanone	80	4.869045E-02	120	0.0492086	160	4.987277E-02						
4-Chlorotoluene	80	1.193064	120	1.178804	160	1.170073						
4-Methyl-2-pentanone	80	0.1063867	120	0.1082857	160	0.1072101						

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25E1596
Client: Hydro Tech Environmental
Project: 230051 - 170 Freeman Street, Brooklyn
Calibration: SE50045
Instrument: QVOA9
Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Acetone	80	1.711604E-02	120	1.576563E-02	160	1.515049E-02						
Acrolein	80	1.772457E-02	120	1.763979E-02	160	1.776246E-02						
Acrylonitrile	80	2.191913E-02	120	2.161833E-02	160	2.116111E-02						
Allyl chloride	80	0.3004478	120	0.2797182	160	0.2620392						
Benzene	80	0.7100474	120	0.6679855	160	0.632216						
Bromobenzene	80	1.968395	120	1.960079	160	1.959056						
Bromochloromethane	80	0.1300801	120	0.1234193	160	0.1183371						
Bromodichloromethane	80	0.3265788	120	0.3295246	160	0.3272696						
Bromoform	80	6.656252E-02	120	6.745075E-02	160	6.532481E-02						
Bromomethane	80	0.1122718	120	0.1126868	160	0.1125743						
Carbon disulfide	80	0.4410149	120	0.4167701	160	0.3996682						
Carbon tetrachloride	80	0.2841577	120	0.2751943	160	0.260361						
Chlorobenzene	80	0.6428312	120	0.6207981	160	0.6005084						
Chlorodifluoromethane (Freon 22)	80		120		160							
Chloroethane	80	0.1416179	120	0.1328168	160	0.1268164						
Chloroform	80	0.3363452	120	0.3234908	160	0.3047619						
Chloromethane	80	0.2073132	120	0.1986758	160	0.2012528						
cis-1,2-Dichloroethylene	80	0.3040133	120	0.2852663	160	0.2696345						
cis-1,3-Dichloropropylene	80	0.3726529	120	0.3677977	160	0.3606576						
cis-decahydronaphthalene	80		120		160							
Cyclohexane	80	0.8621578	120	0.799603	160	0.7402191						
Dibromochloromethane	80	0.1648152	120	0.163999	160	0.1616543						
Dibromomethane	80	9.571153E-02	120	9.446642E-02	160	9.115226E-02						
Dichlorodifluoromethane	80	0.2119889	120	0.2017088	160	0.1918085						
Diisopropyl ether (DIPE)	80	0.6003376	120	0.5801415	160	0.5436267						
Ethanol	4000	1.545969E-03	6000	1.497483E-03	8000	1.434711E-03						
Ethyl Benzene	80	1.769446	120	1.653731	160	1.558956						
Ethyl Ether	80		120		160							
Ethyl Methacrylate	80	0.1347415	120	0.1357044	160	0.1364692						
Ethyl tert-butyl ether (ETBE)	80	0.4906958	120	0.4761315	160	0.4549278						
Hexachlorobutadiene	80	0.2895368	120	0.3065666	160	0.325941						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Hexachloroethane	80	0.7453415	120	0.7582614	160	0.7744659						
Iodomethane	80	0.1944606	120	0.1778662	160	0.1667915						
Isopropylbenzene	80	5.85615	120	5.659686	160	5.604424						
Limonene	80		120		160							
Methyl acetate	80	4.569728E-02	120	4.428158E-02	160	4.340961E-02						
Methyl Methacrylate	80	2.889976E-02	120	2.926114E-02	160	2.941671E-02						
Methyl tert-butyl ether (MTBE)	80	0.3057942	120	0.2950557	160	0.2808993						
Methylcyclohexane	80	0.5102832	120	0.4901278	160	0.4744637						
Methylene chloride	80	0.2363166	120	0.2261272	160	0.2166589						
Naphthalene	80	1.106336	120	1.135883	160	1.140536						
n-butyl acetate	80		120		160							
n-Butylbenzene	80	4.344832	120	4.341188	160	4.33792						
n-Decane	80		120		160							
n-Hexane	80		120		160							
Nitrobenzene	80	0.2623229	120	0.2677375	160	0.2711214						
n-Nonane	80		120		160							
n-octane	80		120		160							
n-Propylbenzene	80	6.618204	120	6.527195	160	6.346081						
n-undecane	80		120		160							
o-Xylene	80	0.8703695	120	0.8188039	160	0.7840199						
p- & m- Xylenes	160	0.8847231	240	0.8268655	320	0.779478						
p-Diethylbenzene	80	2.360679	120	2.350944	160	2.365884						
p-Ethyltoluene	80	4.675393	120	4.507328	160	4.508421						
p-Isopropyltoluene	80	4.369045	120	4.335726	160	4.36999						
sec-Butylbenzene	80	5.340763	120	5.310319	160	5.270511						
Styrene	80	0.5922835	120	0.5593363	160	0.5363978						
SURR: 1,2-Dichloroethane-d4	10	0.1816479	10	0.1828918	10	0.1759747						
SURR: p-Bromofluorobenzene	10	2.285459	10	2.334712	10	2.400809						
SURR: Toluene-d8	10	1.43644	10	1.451999	10	1.480139						
tert-Amyl alcohol (TAA)	800	1.777741E-03	1200	1.720146E-03	1600	1.630151E-03						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
tert-Amyl methyl ether (TAME)	80	0.3295966	120	0.3254062	160	0.3126904						
tert-Butyl alcohol (TBA)	80	3.762843E-03	120	4.20109E-03	160	4.355555E-03						
tert-Butylbenzene	80	4.231728	120	4.150515	160	4.176942						
Tetrachloroethylene	80	0.2944818	120	0.2973311	160	0.2834876						
Tetrahydrofuran	80	0.0136094	120	0.0134406	160	1.357941E-02						
Toluene	80	1.087321	120	1.060487	160	1.01644						
trans-1,2-Dichloroethylene	80	0.2770166	120	0.2583459	160	0.2446638						
trans-1,3-Dichloropropylene	80	0.27705	120	0.2759263	160	0.2714608						
trans-1,4-dichloro-2-butene	80	8.808507E-02	120	9.119118E-02	160	0.0929918						
trans-decahydronaphthalene	80		120		160							
Trichloroethylene	80	0.292344	120	0.2925575	160	0.2852632						
Trichlorofluoromethane	80	0.3339844	120	0.3196842	160	0.3042941						
Vinyl acetate	80	0.1893602	120	0.1799646	160	0.1714354						
Vinyl Chloride	80	0.1932029	120	0.1840295	160	0.1823639						

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2071283	4.568245	9.151333	1.218962E-02			20	
1,1,1-Trichloroethane	0.3362658	3.693721	5.366222	2.521805E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5286158	5.69587	10.442	1.378902E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1915079	8.326795	3.197	1.438085E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1333532	4.072504	8.003	0.0155248			SPCC (0.1)	
1,1-Dichloroethane	0.3573267	7.485509	4.336	2.606355E-03			SPCC (0.2)	
1,1-Dichloroethylene	0.2864539	8.593813	3.179	2.025328E-02			SPCC (0.1)	
1,1-Dichloropropylene	0.2537146	5.784056	5.518	2.643255E-02			20	
1,2,3-Trichlorobenzene	0.3749011	8.052458	14.44033	8.864221E-03			20	
1,2,3-Trichloropropane	0.1642625	6.267162	10.507	0.0204001			20	
1,2,3-Trimethylbenzene	4.117268	12.90557	11.67433	0.0167212			20	
1,2,4,5-Tetramethylbenzene	2.89806	5.131824	12.897	2.011879E-02			20	
1,2,4-Trichlorobenzene	0.560402	7.730883	13.889	1.413645E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	4.235217	4.030955	11.21044	1.041139E-02			20	
1,2-Dibromo-3-chloropropane	8.930797E-02	18.14967	12.92467	1.745833E-02			SPCC (0.05)	
1,2-Dibromoethane	0.1159435	2.779871	8.536333	1.710956E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.382782	4.270255	12.048	1.419057E-02			SPCC (0.4)	
1,2-Dichloroethane	0.1890472	2.368693	5.725	1.418856E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2547843	5.574963	6.559667	1.942048E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	4.699946	5.260564	10.724	1.414283E-02			20	
1,3-Dichlorobenzene	1.797236	5.856704	11.53333	2.280416E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2352278	3.668198	8.174889	1.145513E-02			20	
1,4-Dichlorobenzene	1.785487	5.565283	11.64567	1.146212E-02			SPCC (0.5)	
1,4-Dioxane							20	
2,2-Dichloropropane	0.3120365	5.196609	4.886333	3.375277E-02			20	
2-Butanone	2.188375E-02	13.06661	4.852667	0.1294616			SPCC (0.1)	
2-Chloroethylvinyl ether							20	
2-Chlorotoluene	1.261018	4.238702	10.69133	1.318737E-02			20	
2-Hexanone	5.420411E-02	16.24768	8.224666	5.069622E-02			SPCC (0.1)	
4-Chlorotoluene	1.212213	3.774253	10.823	1.665218E-02			20	
4-Methyl-2-pentanone	0.1060001	5.609438	7.378889	9.179896E-02			SPCC (0.1)	
Acetone	2.340481E-02	37.70128	3.198889	0.169187		0.9971437	SPCC (0.1)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrolein	0.0160456	15.69316	3.055	6.928837E-02			20	
Acrylonitrile	2.092175E-02	6.164873	3.845889	6.518244E-02			20	
Allyl chloride	0.3181528	10.74995	3.529	4.381336E-02			20	
Benzene	0.7223322	7.179549	5.699	5.995702E-03			SPCC (0.5)	
Bromobenzene	1.943392	3.863331	10.476	1.924752E-02			20	
Bromochloromethane	0.1334251	7.278413	5.093	3.244803E-02			20	
Bromodichloromethane	0.3231942	2.505194	6.811666	1.460858E-02			SPCC (0.2)	
Bromoform	6.055779E-02	11.72446	9.934222	2.077204E-02			SPCC (0.1)	
Bromomethane	0.1345341	49.53765	2.272333	4.666514E-02		0.9997387	SPCC (0.1)	
Carbon disulfide	0.4612885	12.44832	3.408333	0.0396154			SPCC (0.1)	
Carbon tetrachloride	0.2784799	3.756026	5.527667	3.324464E-02			SPCC (0.1)	
Chlorobenzene	0.648699	5.19266	9.064	0.0113399			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)							20	
Chloroethane	0.1917005	60.1293	2.385	6.234762E-02		0.9996639	SPCC (0.1)	
Chloroform	0.3320247	4.017708	5.186666	1.189617E-02			SPCC (0.2)	
Chloromethane	0.282691	61.18708	1.814111	0.1047671		0.9995591	SPCC (0.1)	
cis-1,2-Dichloroethylene	0.3109536	7.699536	4.875667	2.071401E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.3639837	2.51924	7.242	1.949125E-02			SPCC (0.2)	
cis-decahydronaphthalene							20	
Cyclohexane	0.8870052	9.277985	5.465	3.091547E-02			SPCC (0.1)	
Dibromochloromethane	0.1577456	3.4009	8.407333	1.491048E-02			SPCC (0.1)	
Dibromomethane	9.351777E-02	2.542891	6.646333	1.766093E-02			20	
Dichlorodifluoromethane	0.2390135	29.97179	1.619667	7.922068E-02		0.9994835	SPCC (0.1)	
Diisopropyl ether (DIPE)	0.5833593	3.426294	4.386	3.537445E-02			20	
Ethanol	1.483304E-03	2.620874	2.943667	7.922556E-02			20	
Ethyl Benzene	1.856759	10.05085	9.306667	2.135246E-02			SPCC (0.1)	
Ethyl Ether							20	
Ethyl Methacrylate	0.1306541	5.625262	7.862333	2.378981E-02			20	
Ethyl tert-butyl ether (ETBE)	0.4607547	3.749824	4.729667	4.320952E-02			20	
Hexachlorobutadiene	0.2729275	10.75612	14.071	1.011035E-02			20	
Hexachloroethane	0.7042998	7.119537	12.37911	1.546699E-02			20	
Iodomethane	0.2939556	70.62837	3.319	1.856394E-02		0.9993759	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25E1596

Client: Hydro Tech Environmental Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 Instrument: QVOA9

Calibration Date: 05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Isopropylbenzene	5.892239	4.953601	10.12467	8.142046E-03			SPCC (0.1)	
Limonene							20	
Methyl acetate	4.295144E-02	6.388878	3.515556	9.631764E-02			SPCC (0.1)	
Methyl Methacrylate	2.864389E-02	3.545488	6.607	3.297941E-02			20	
Methyl tert-butyl ether (MTBE)	0.2902414	3.391981	3.931333	7.427342E-02			SPCC (0.1)	
Methylcyclohexane	0.5364577	8.563515	6.58	2.107893E-02			SPCC (0.1)	
Methylene chloride	0.2435341	8.204581	3.65	1.986468E-02			SPCC (0.1)	
Naphthalene	1.090683	10.81844	14.178	1.592236E-02			20	
n-butyl acetate							20	
n-Butylbenzene	4.306687	4.287833	12.03367	1.797359E-02			20	
n-Decane							20	
n-Hexane							20	
Nitrobenzene	0.2591615	9.884358	12.897	2.011879E-02			20	
n-Nonane							20	
n-octane							20	
n-Propylbenzene	6.681415	4.663997	10.58844	1.613127E-02			20	
n-undecane							20	
o-Xylene	0.9078898	8.635569	9.722555	6.437933E-03			SPCC (0.3)	
p- & m- Xylenes	0.9283793	10.05084	9.306667	2.135246E-02			SPCC (0.1)	
p-Diethylbenzene	2.31773	3.036056	12.005	0.0128428			20	
p-Ethyltoluene	4.699946	5.260564	10.724	1.414283E-02			20	
p-Isopropyltoluene	4.386834	4.232218	11.57067	2.023596E-02			20	
sec-Butylbenzene	5.353574	3.557906	11.39767	1.983242E-02			20	
Styrene	0.6059484	6.837037	9.738667	1.819566E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	0.17918	1.60463	5.652	1.622777E-02			20	
SURR: p-Bromofluorobenzene	2.237431	4.008411	10.31533	5.802912E-03			20	
SURR: Toluene-d8	1.446305	1.241907	7.523667	1.117864E-02			20	
tert-Amyl alcohol (TAA)	1.617441E-03	40.92638	5.698333	0.3787605			20	*
tert-Amyl methyl ether (TAME)	0.3012827	6.411427	5.827667	2.745308E-02			20	
tert-Butyl alcohol (TBA)	3.582909E-03	25.06297	3.761778	0.2489619		0.9995826	0.99	
tert-Butylbenzene	4.258868	3.427228	11.14533	1.424454E-02			20	
Tetrachloroethylene	0.2999843	4.49216	8.142333	4.807124E-03			SPCC (0.2)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Calibration:	SE50045	Instrument:	QVOA9
		Calibration Date:	05/28/25 17:54

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Tetrahydrofuran	0.0134804	9.250983	5.143889	0.1015051			20	
Toluene	1.136965	8.018394	7.592667	1.432501E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	0.2816937	7.373854	3.929667	0.0353881			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.2643779	3.90167	7.802	2.534832E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	7.071145E-02	25.7167	10.48167	1.923422E-02		0.9991064	0.99	
trans-decahydronaphthalene							20	
Trichloroethylene	0.3011195	5.511797	6.329667	0.018989			SPCC (0.2)	
Trichlorofluoromethane	0.4196917	46.52503	2.659667	4.926397E-02		0.9996816	SPCC (0.1)	
Vinyl acetate	0.1801668	4.061186	4.329333	4.829597E-02			20	
Vinyl Chloride	0.2561998	56.96377	1.927	1.737578E-02		0.9996208	SPCC (0.1)	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935792.D
Acq On : 28 May 2025 6:19 pm
Operator : BMC
Sample : SEQ-CAL1
Misc : QBQV9052825
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 29 14:42:41 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	950863	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	612616	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	120293	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	167954	9.86	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 98.60%				
54) Toluene-d8 (SURR)	7.524	98	893822	10.09	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.90%				
73) p-Bromofluorobenzene (...	10.313	95	256213	9.52	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 95.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.622	85	20114	0.95	ppb		95
3) Chloromethane	1.816	50	34972	1.76	ppb		98
4) Vinyl Chloride	1.927	62	30282	1.61	ppb		92
5) Bromomethane	2.272	94	14778	1.43	ppb		91
6) Allyl Chloride	3.528	41	17267	0.57	ppb	#	47
7) Chloroethane	2.383	64	23387	1.62	ppb		98
8) Trichlorofluoromethane	2.659	101	43951	1.30	ppb		99
9) Ethanol	2.947	45	3526	25.00	ppb		98
10) Freon-113	3.197	101	10429	0.57	ppb	#	86
11) 1,1-Dichloroethylene	3.179	61	15123	0.56	ppb		83
12) Acrolein	3.057	56	459	0.30	ppb	#	1
13) Acetone	3.208	43	2064m	1.10	ppb		
14) Iodomethane	3.319	142	39348	1.91	ppb		99
15) Methyl Acetate	3.516	43	1744	0.43	ppb		80
16) Carbon disulfide	3.406	76	28106	0.64	ppb	#	90
17) tert-Butyl Alcohol (TBA)	3.775	59	227m	0.74	ppb		
18) Methylene Chloride	3.650	49	13389	0.58	ppb	#	65
19) Acrylonitrile	3.847	53	878	0.43	ppb	#	66
20) trans-1,2-Dichloroethy...	3.929	61	14466	0.54	ppb		81
21) tert-Butyl Methyl Ethe...	3.935	73	13679	0.50	ppb	#	81
22) 1,1-Dichloroethane	4.336	63	18281	0.54	ppb		96
23) Vinyl Acetate	4.330	43	9025	0.53	ppb		84
24) Diisopropyl ether (DIPE)	4.388	45	28127	0.51	ppb		86
25) Ethyl-tert-Butyl ether...	4.734	59	21733	0.50	ppb		87
26) cis-1,2-Dichloroethylene	4.876	61	16353	0.55	ppb		79
27) 2-Butanone	4.865	43	1199m	0.57	ppb		
28) 2,2-Dichloropropane	4.888	77	15512	0.52	ppb	#	84
29) Tetrahydrofuran	5.152	42	779m	0.59	ppb		
30) Bromochloromethane	5.091	49	6946	0.55	ppb	#	63
31) Chloroform	5.184	83	16470	0.52	ppb	#	95
32) 1,1,1-Trichloroethane	5.364	97	16752	0.52	ppb		95
33) Cyclohexane	5.466	56	46816	0.56	ppb	#	82
34) 1,1-Dichloropropylene	5.518	75	12340	0.51	ppb	#	92
36) Carbon Tetrachloride	5.527	117	13563	0.51	ppb		97
37) tert-Amyl alcohol (TAA)	5.719	59	572	3.26	ppb	#	24
38) 1,2-Dichloroethane	5.725	62	9032	0.50	ppb	#	88
39) Benzene	5.699	78	37805	0.55	ppb	#	1
40) tert-Amyl methyl ether...	5.829	73	13753	0.48	ppb	#	86
42) Trichloroethylene	6.329	95	10221	0.55	ppb		91
43) Methyl Cyclohexane	6.579	83	18729	0.57	ppb	#	76
44) Methyl Methacrylate	6.608	100	832	0.47	ppb	#	1
45) Dibromomethane	6.646	93	2901	0.51	ppb		84
46) Bromodichloromethane	6.809	83	9849	0.50	ppb	#	95

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935792.D
Acq On : 28 May 2025 6:19 pm
Operator : BMC
Sample : SEQ-CAL1
Misc : QBQV9052825
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 29 14:42:41 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

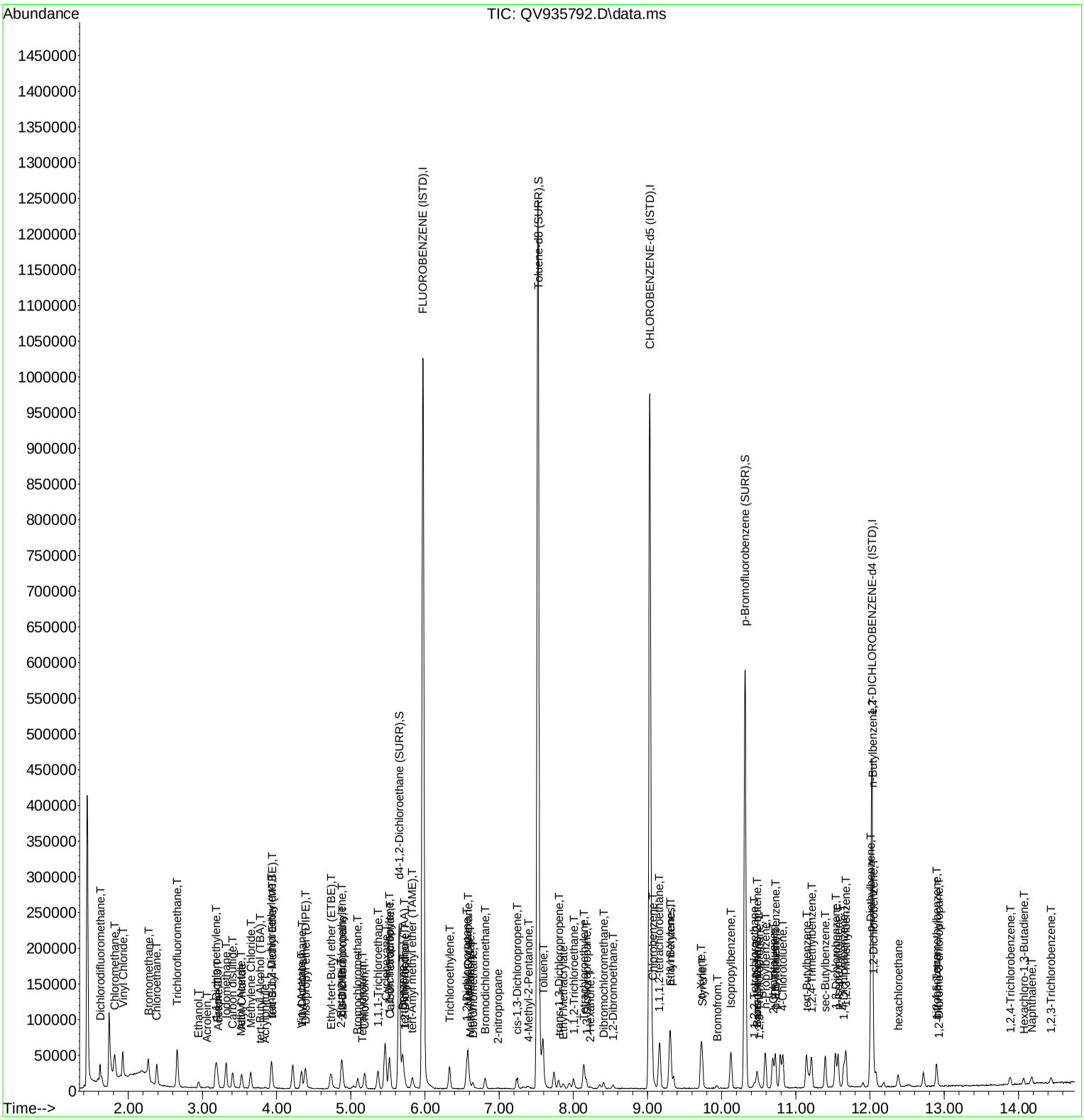
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	8226	0.53	ppb		95
50) 2-nitropropane	6.980	43	464	0.25	ppb		86
51) cis-1,3-Dichloropropene	7.242	75	11118	0.50	ppb	#	87
52) Ethyl Methacrylate	7.864	69	4379	0.55	ppb	#	59
53) 4-Methyl-2-Pentanone	7.393	43	3654	0.56	ppb	#	65
55) Toluene	7.590	91	40498	0.58	ppb		99
56) trans-1,3-Dichloropropene	7.803	75	8276	0.51	ppb		99
57) 1,1,2-Trichloroethane	8.003	97	4429	0.54	ppb		91
58) 1,3-Dichloropropane	8.174	76	7800	0.54	ppb	#	77
59) Tetrachloroethylene	8.140	166	9934	0.54	ppb		93
60) 2-Hexanone	8.227	43	2330	0.70	ppb	#	1
61) Dibromochloromethane	8.407	129	4657	0.48	ppb	#	93
62) 1,2-Dibromoethane	8.535	107	3714	0.52	ppb		97
63) Chlorobenzene	9.064	112	21892	0.55	ppb	#	42
64) 1,1,1,2-tetrachloroethane	9.151	131	6828	0.54	ppb		97
65) Ethyl Benzene	9.305	91	66814	0.59	ppb		95
66) p- & m-Xylenes	9.305	91	66814	1.17	ppb		96
67) o-Xylene	9.723	91	31822	0.57	ppb		96
68) Styrene	9.738	104	20592	0.55	ppb		90
69) Bromofrom	9.935	173	1382	0.37	ppb	#	74
71) p-Ethyltoluene	10.723	105	31399	0.56	ppb	#	54
72) Isopropylbenzene	10.124	105	38995	0.55	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	3560	0.56	ppb		89
75) Bromobenzene	10.473	77	12592	0.54	ppb	#	79
76) trans-1,4-Dichloro-2-b...	10.479	89	235	0.25	ppb	#	82
77) 1,2,3-Trichloropropane	10.508	110	1114	0.56	ppb		89
78) n-Propylbenzene	10.586	91	43951	0.55	ppb		96
79) 2-Chlorotoluene	10.691	126	8219	0.54	ppb		81
80) 4-Chlorotoluene	10.822	126	7808	0.54	ppb	#	72
81) 1,3,5-Trimethylbenzene	10.723	105	31399	0.56	ppb	#	42
82) tert-Butylbenzene	11.144	119	27383	0.53	ppb	#	90
83) 1,2,4-Trimethylbenzene	11.208	105	27822	0.55	ppb		93
84) sec-Butylbenzene	11.394	105	34641	0.54	ppb		95
85) hexachloroethane	12.377	117	4271	0.50	ppb		96
86) 1,3-Dichlorobenzene	11.534	146	12372	0.57	ppb	#	94
87) p-Isopropyltoluene	11.569	119	28897	0.55	ppb		96
88) 1,4-Dichlorobenzene	11.647	146	12147	0.57	ppb	#	90
89) 1,2,3-Trimethylbenzene	11.673	105	32975	0.67	ppb		95
90) nitrobenzene	12.897	77	1908	0.61	ppb	#	74
91) p-Diethylbenzene	12.005	105	14456	0.52	ppb		90
92) 1,2-Dichlorobenzene	12.048	146	9201	0.55	ppb	#	23
93) n-Butylbenzene	12.034	91	28212	0.54	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.920	75	286	0.25	ppb	#	81
95) 1,2,4,5-Tetramethylben...	12.897	119	18734	0.54	ppb		97
96) 1,2,4-Trichlorobenzene	13.891	180	3609	0.54	ppb		95
97) Hexachloro-1,3-Butadiene	14.071	225	1618	0.49	ppb	#	79
98) Naphthalene	14.178	128	8218	0.63	ppb		97
99) 1,2,3-Trichlorobenzene	14.437	180	2464	0.55	ppb	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935792.D
Acq On : 28 May 2025 6:19 pm
Operator : BMC
Sample : SEQ-CAL1
Misc : QBQV9052825
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 29 14:42:41 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935793.D
Acq On : 28 May 2025 6:43 pm
Operator : BMC
Sample : SEQ-CAL2
Misc : QBQV9052825
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 29 14:42:45 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	964295	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	617737	10.00	ppb		# 0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	120014	10.00	ppb		# 0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	170119	9.85	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 98.50%				
54) Toluene-d8 (SURR)	7.524	98	902055	10.10	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.00%				
73) p-Bromofluorobenzene (...	10.316	95	260114	9.69	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	47703	2.23	ppb		95
3) Chloromethane	1.816	50	56967	2.83	ppb		99
4) Vinyl Chloride	1.927	62	51991	2.73	ppb		91
5) Bromomethane	2.270	94	25389	2.42	ppb		99
6) Allyl Chloride	3.528	41	62679	2.04	ppb	#	67
7) Chloroethane	2.386	64	39559	2.70	ppb		100
8) Trichlorofluoromethane	2.659	101	87184	2.55	ppb		98
9) Ethanol	2.947	45	13968	97.65	ppb		100
10) Freon-113	3.197	101	37257	2.02	ppb	#	85
11) 1,1-Dichloroethylene	3.179	61	56143	2.03	ppb		81
12) Acrolein	3.057	56	3212m	2.07	ppb		
13) Acetone	3.203	43	4445	2.35	ppb		93
14) Iodomethane	3.319	142	65055	3.11	ppb		97
15) Methyl Acetate	3.522	43	7904	1.91	ppb		80
16) Carbon disulfide	3.409	76	91054	2.05	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.766	59	346	1.11	ppb	#	48
18) Methylene Chloride	3.650	49	47771	2.03	ppb	#	65
19) Acrylonitrile	3.848	53	4096	1.97	ppb		97
20) trans-1,2-Dichloroethy...	3.929	61	54926	2.02	ppb		80
21) tert-Butyl Methyl Ethe...	3.935	73	53051	1.90	ppb	#	82
22) 1,1-Dichloroethane	4.336	63	69272	2.01	ppb		97
23) Vinyl Acetate	4.330	43	32575	1.87	ppb		85
24) Diisopropyl ether (DIPE)	4.388	45	107982	1.92	ppb		84
25) Ethyl-tert-Butyl ether...	4.731	59	82644	1.86	ppb		88
26) cis-1,2-Dichloroethylene	4.876	61	59042	1.97	ppb		82
27) 2-Butanone	4.856	43	3911	1.82	ppb	#	57
28) 2,2-Dichloropropane	4.885	77	59987	1.99	ppb		88
29) Tetrahydrofuran	5.147	42	2251	1.69	ppb	#	64
30) Bromochloromethane	5.091	49	26296	2.04	ppb	#	59
31) Chloroform	5.187	83	63131	1.97	ppb	#	94
32) 1,1,1-Trichloroethane	5.368	97	61613	1.90	ppb		95
33) Cyclohexane	5.463	56	174070	2.04	ppb	#	83
34) 1,1-Dichloropropylene	5.519	75	48020	1.96	ppb	#	88
36) Carbon Tetrachloride	5.524	117	51819	1.93	ppb		97
37) tert-Amyl alcohol (TAA)	5.719	59	4555m	25.61	ppb		
38) 1,2-Dichloroethane	5.725	62	35682	1.96	ppb		93
39) Benzene	5.699	78	139831	2.01	ppb	#	84
40) tert-Amyl methyl ether...	5.830	73	52092	1.79	ppb	#	86
42) Trichloroethylene	6.329	95	36801	1.98	ppb		92
43) Methyl Cyclohexane	6.579	83	68598	2.07	ppb	#	74
44) Methyl Methacrylate	6.611	100	3743	2.12	ppb	#	1
45) Dibromomethane	6.649	93	11428	1.98	ppb		90
46) Bromodichloromethane	6.812	83	38540	1.93	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935793.D
Acq On : 28 May 2025 6:43 pm
Operator : BMC
Sample : SEQ-CAL2
Misc : QBQV9052825
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 29 14:42:45 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

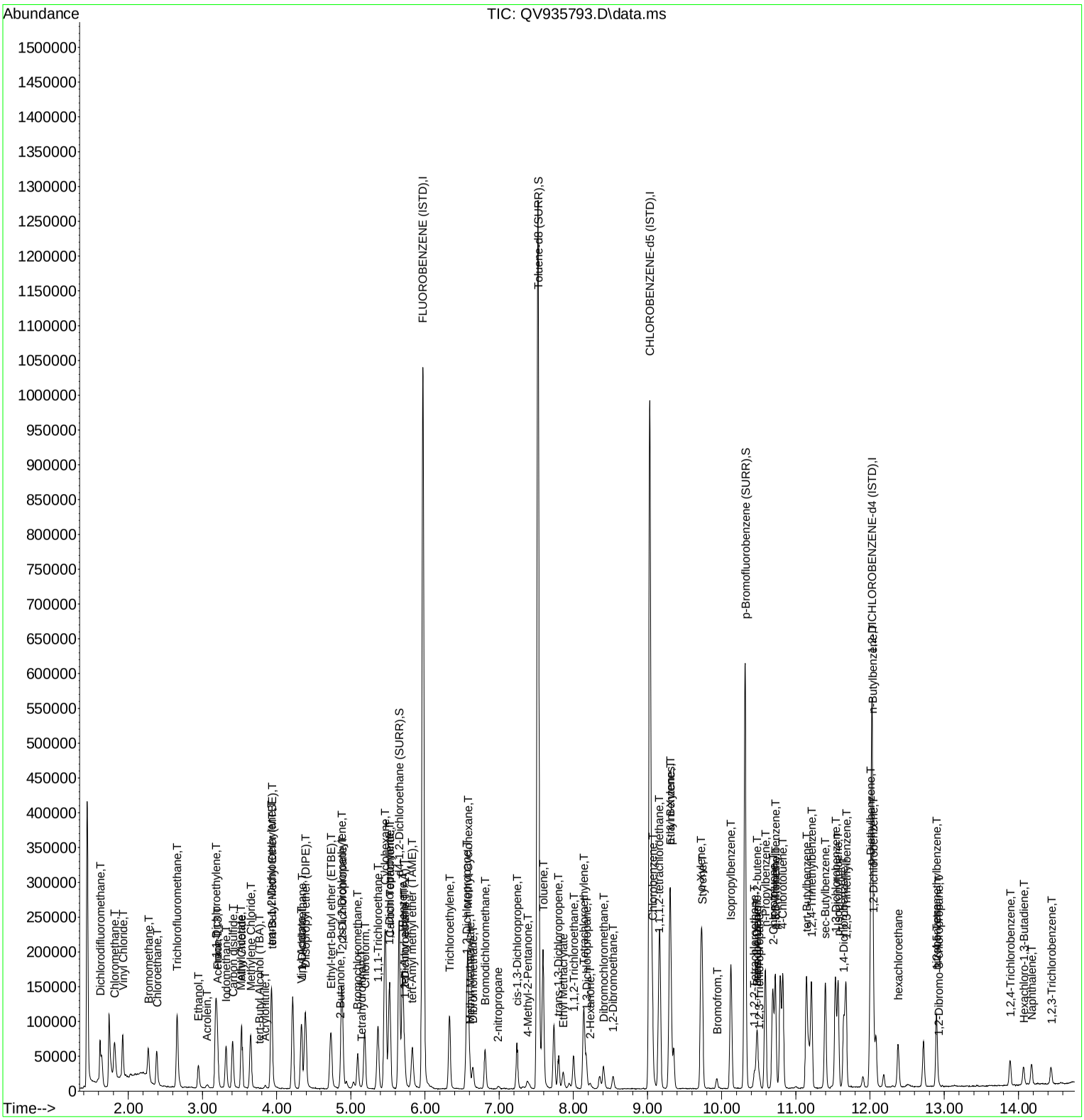
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	32350	2.06	ppb		97
50) 2-nitropropane	6.986	43	3407	1.83	ppb		96
51) cis-1,3-Dichloropropene	7.242	75	43265	1.92	ppb	#	89
52) Ethyl Methacrylate	7.864	69	15306	1.90	ppb	#	50
53) 4-Methyl-2-Pentanone	7.381	43	12948	1.98	ppb	#	55
55) Toluene	7.593	91	143631	2.05	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	30585	1.87	ppb		99
57) 1,1,2-Trichloroethane	8.003	97	16703	2.03	ppb		92
58) 1,3-Dichloropropane	8.175	76	28536	1.96	ppb	#	76
59) Tetrachloroethylene	8.140	166	35765	1.93	ppb		94
60) 2-Hexanone	8.230	43	6971	2.08	ppb	#	1
61) Dibromochloromethane	8.407	129	18450	1.89	ppb		99
62) 1,2-Dibromoethane	8.535	107	14193	1.98	ppb		96
63) Chlorobenzene	9.064	112	78907	1.97	ppb	#	86
64) 1,1,1,2-tetrachloroethane	9.151	131	25333	1.98	ppb		98
65) Ethyl Benzene	9.305	91	232973	2.03	ppb		95
66) p- & m-Xylenes	9.305	91	232973	4.06	ppb		96
67) o-Xylene	9.724	91	114450	2.04	ppb		96
68) Styrene	9.738	104	73539	1.96	ppb		91
69) Bromofrom	9.939	173	6715	1.80	ppb		97
71) p-Ethyltoluene	10.723	105	109031	1.93	ppb	#	54
72) Isopropylbenzene	10.125	105	136933	1.94	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	12324	1.94	ppb		97
75) Bromobenzene	10.479	77	44806	1.92	ppb	#	79
76) trans-1,4-Dichloro-2-b...	10.479	89	1297	1.39	ppb		93
77) 1,2,3-Trichloropropane	10.508	110	3733	1.89	ppb	#	87
78) n-Propylbenzene	10.587	91	153258	1.91	ppb		97
79) 2-Chlorotoluene	10.691	126	29366	1.94	ppb		86
80) 4-Chlorotoluene	10.822	126	28539	1.96	ppb		82
81) 1,3,5-Trimethylbenzene	10.723	105	109031	1.93	ppb	#	41
82) tert-Butylbenzene	11.145	119	100517	1.97	ppb		92
83) 1,2,4-Trimethylbenzene	11.209	105	97249	1.91	ppb		95
84) sec-Butylbenzene	11.397	105	122244	1.90	ppb		96
85) hexachloroethane	12.377	117	14706	1.74	ppb		95
86) 1,3-Dichlorobenzene	11.534	146	42019	1.95	ppb	#	92
87) p-Isopropyltoluene	11.569	119	100261	1.90	ppb		97
88) 1,4-Dichlorobenzene	11.644	146	41225	1.92	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.676	105	98676	2.00	ppb		96
90) nitrobenzene	12.897	77	5454	1.75	ppb	#	42
91) p-Diethylbenzene	12.005	105	52182	1.88	ppb		91
92) 1,2-Dichlorobenzene	12.048	146	32736	1.97	ppb	#	74
93) n-Butylbenzene	12.034	91	95725	1.85	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.926	75	2420	2.12	ppb	#	64
95) 1,2,4,5-Tetramethylben...	12.897	119	64084	1.84	ppb		97
96) 1,2,4-Trichlorobenzene	13.891	180	12146	1.81	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	5605	1.71	ppb		97
98) Naphthalene	14.178	128	24084	1.84	ppb		97
99) 1,2,3-Trichlorobenzene	14.443	180	8170	1.82	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935793.D
Acq On : 28 May 2025 6:43 pm
Operator : BMC
Sample : SEQ-CAL2
Misc : QBQV9052825
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 29 14:42:45 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935794.D
Acq On : 28 May 2025 7:07 pm
Operator : BMC
Sample : SEQ-CAL3
Misc : QBQV9052825
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 29 14:42:49 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	939004	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	620244	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	119190	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	171087	10.17	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 101.70%				
54) Toluene-d8 (SURR)	7.524	98	891597	9.94	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.40%				
73) p-Bromofluorobenzene (...	10.316	95	256036	9.60	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	92505	4.44	ppb		95
3) Chloromethane	1.816	50	99445	5.08	ppb		98
4) Vinyl Chloride	1.927	62	92879	5.02	ppb		99
5) Bromomethane	2.273	94	43817	4.29	ppb		99
6) Allyl Chloride	3.528	41	135420	4.53	ppb	#	73
7) Chloroethane	2.386	64	68018	4.78	ppb		97
8) Trichlorofluoromethane	2.659	101	156512	4.71	ppb		100
9) Ethanol	2.944	45	28944	207.81	ppb		98
10) Freon-113	3.197	101	79512	4.42	ppb		89
11) 1,1-Dichloroethylene	3.179	61	120567	4.48	ppb		82
12) Acrolein	3.054	56	5834	3.86	ppb	#	64
13) Acetone	3.203	43	10186	5.55	ppb		90
14) Iodomethane	3.319	142	109647	5.41	ppb		97
15) Methyl Acetate	3.519	43	17136	4.25	ppb		80
16) Carbon disulfide	3.409	76	188385	4.35	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.772	59	1018	3.35	ppb	#	44
18) Methylene Chloride	3.650	49	100079	4.38	ppb	#	66
19) Acrylonitrile	3.851	53	8587	4.24	ppb		97
20) trans-1,2-Dichloroethy...	3.929	61	116370	4.40	ppb		82
21) tert-Butyl Methyl Ethe...	3.935	73	113439	4.16	ppb	#	81
22) 1,1-Dichloroethane	4.336	63	147784	4.40	ppb		96
23) Vinyl Acetate	4.333	43	69904	4.13	ppb		83
24) Diisopropyl ether (DIPE)	4.388	45	227848	4.16	ppb		84
25) Ethyl-tert-Butyl ether...	4.731	59	175167	4.05	ppb		88
26) cis-1,2-Dichloroethylene	4.876	61	127767	4.38	ppb		81
27) 2-Butanone	4.856	43	9735	4.66	ppb	#	73
28) 2,2-Dichloropropane	4.888	77	126778	4.33	ppb	#	87
29) Tetrahydrofuran	5.147	42	5109	3.94	ppb	#	68
30) Bromochloromethane	5.091	49	55710	4.45	ppb	#	61
31) Chloroform	5.187	83	131502	4.22	ppb	#	96
32) 1,1,1-Trichloroethane	5.365	97	133166	4.22	ppb		94
33) Cyclohexane	5.463	56	375838	4.51	ppb	#	82
34) 1,1-Dichloropropylene	5.519	75	104481	4.39	ppb	#	4
36) Carbon Tetrachloride	5.527	117	111281	4.26	ppb		99
37) tert-Amyl alcohol (TAA)	5.652	59	257	1.48	ppb	#	22
38) 1,2-Dichloroethane	5.725	62	73744	4.15	ppb		92
39) Benzene	5.699	78	296664	4.37	ppb	#	85
40) tert-Amyl methyl ether...	5.830	73	112586	3.98	ppb	#	86
42) Trichloroethylene	6.332	95	80626	4.32	ppb		89
43) Methyl Cyclohexane	6.579	83	148437	4.46	ppb	#	75
44) Methyl Methacrylate	6.608	100	7236	4.07	ppb		63
45) Dibromomethane	6.646	93	24335	4.20	ppb		90
46) Bromodichloromethane	6.812	83	83946	4.19	ppb	#	95

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935794.D
Acq On : 28 May 2025 7:07 pm
Operator : BMC
Sample : SEQ-CAL3
Misc : QBQV9052825
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 29 14:42:49 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

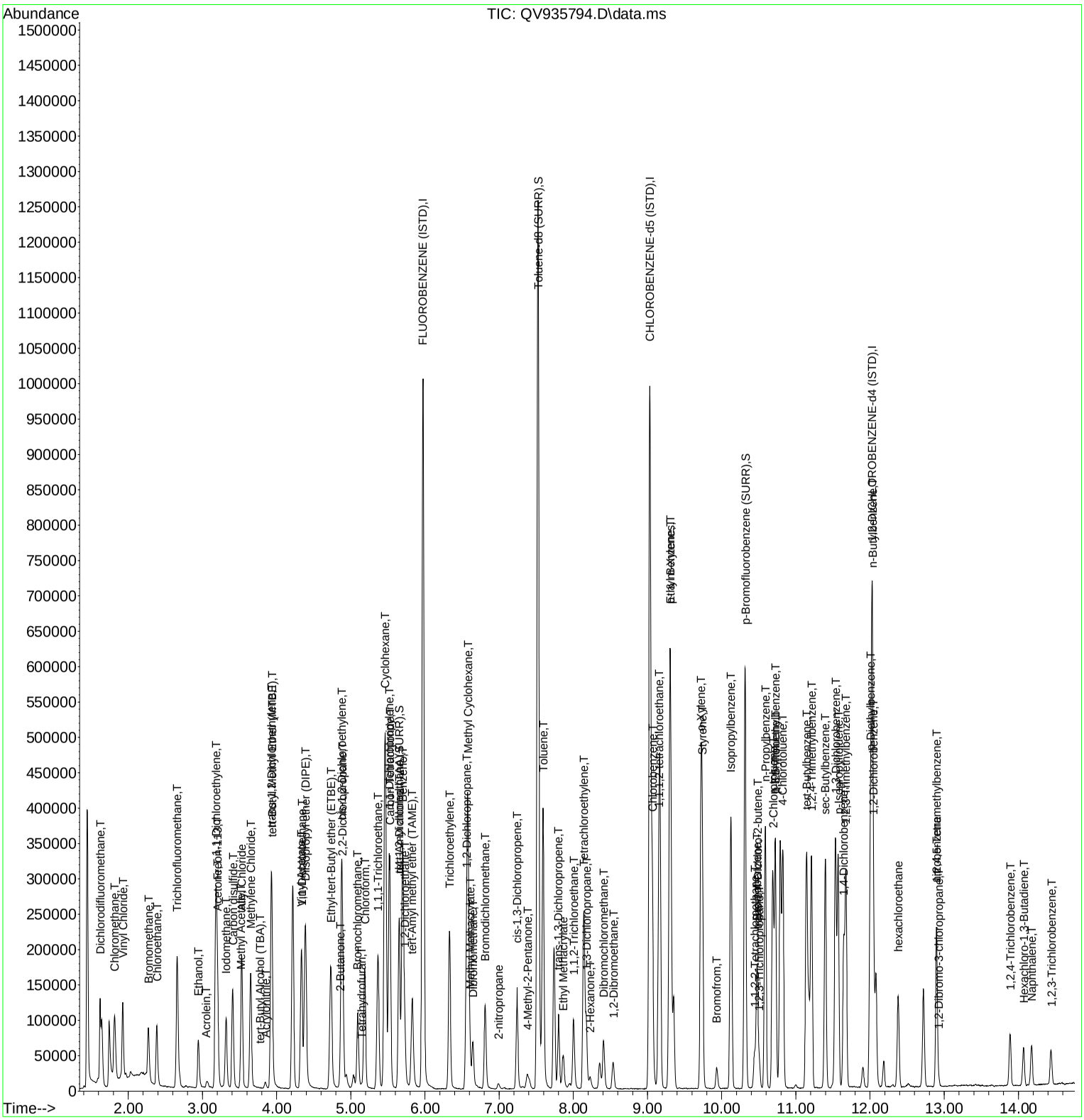
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	68719	4.35	ppb		98
50) 2-nitropropane	6.989	43	7218	3.87	ppb		95
51) cis-1,3-Dichloropropene	7.242	75	94699	4.19	ppb	#	82
52) Ethyl Methacrylate	7.864	69	32479	4.01	ppb	#	52
53) 4-Methyl-2-Pentanone	7.384	43	26421	4.02	ppb	#	73
55) Toluene	7.593	91	302412	4.29	ppb		99
56) trans-1,3-Dichloropropene	7.800	75	65827	4.01	ppb		99
57) 1,1,2-Trichloroethane	8.003	97	34445	4.16	ppb	#	92
58) 1,3-Dichloropropane	8.175	76	60131	4.12	ppb	#	74
59) Tetrachloroethylene	8.143	166	79001	4.25	ppb		96
60) 2-Hexanone	8.230	43	13680	4.07	ppb	#	1
61) Dibromochloromethane	8.410	129	39704	4.06	ppb		99
62) 1,2-Dibromoethane	8.538	107	29218	4.06	ppb		100
63) Chlorobenzene	9.064	112	170239	4.23	ppb	#	89
64) 1,1,1,2-tetrachloroethane	9.151	131	53696	4.18	ppb		98
65) Ethyl Benzene	9.305	91	503404	4.37	ppb		95
66) p- & m-Xylenes	9.305	91	503404	8.74	ppb		96
67) o-Xylene	9.721	91	244658	4.34	ppb		97
68) Styrene	9.738	104	159712	4.25	ppb		92
69) Bromofrom	9.933	173	14983	3.99	ppb		96
71) p-Ethyltoluene	10.723	105	236004	4.21	ppb	#	54
72) Isopropylbenzene	10.125	105	296973	4.23	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.444	83	25924	4.11	ppb		99
75) Bromobenzene	10.476	77	95449	4.12	ppb	#	78
76) trans-1,4-Dichloro-2-b...	10.482	89	2895	3.12	ppb		96
77) 1,2,3-Trichloropropane	10.508	110	7675	3.92	ppb	#	85
78) n-Propylbenzene	10.589	91	335260	4.21	ppb		96
79) 2-Chlorotoluene	10.691	126	63583	4.23	ppb		90
80) 4-Chlorotoluene	10.822	126	60879	4.21	ppb		79
81) 1,3,5-Trimethylbenzene	10.723	105	236004	4.21	ppb	#	42
82) tert-Butylbenzene	11.145	119	212341	4.18	ppb		92
83) 1,2,4-Trimethylbenzene	11.211	105	205663	4.07	ppb		96
84) sec-Butylbenzene	11.397	105	260108	4.08	ppb		97
85) hexachloroethane	12.380	117	32182	3.83	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	87940	4.11	ppb	#	92
87) p-Isopropyltoluene	11.572	119	215639	4.12	ppb		97
88) 1,4-Dichlorobenzene	11.644	146	88440	4.16	ppb	#	93
89) 1,2,3-Trimethylbenzene	11.673	105	201036	4.10	ppb		96
90) nitrobenzene	12.897	77	11746	3.80	ppb	#	64
91) p-Diethylbenzene	12.005	105	112136	4.06	ppb		90
92) 1,2-Dichlorobenzene	12.048	146	67068	4.07	ppb	#	83
93) n-Butylbenzene	12.034	91	207168	4.04	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.926	75	4676	4.13	ppb	#	69
95) 1,2,4,5-Tetramethylben...	12.897	119	135975	3.94	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	25073	3.75	ppb		96
97) Hexachloro-1,3-Butadiene	14.071	225	12415	3.82	ppb		95
98) Naphthalene	14.178	128	49419	3.80	ppb		98
99) 1,2,3-Trichlorobenzene	14.443	180	16884	3.78	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935794.D
Acq On : 28 May 2025 7:07 pm
Operator : BMC
Sample : SEQ-CAL3
Misc : QBQV9052825
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 29 14:42:49 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935795.D
Acq On : 28 May 2025 7:32 pm
Operator : BMC
Sample : SEQ-CAL4
Misc : QBQV9052825
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 29 14:42:53 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	973024	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	645731	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	125023	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	172185	9.88	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 98.80%				
54) Toluene-d8 (SURR)	7.524	98	928365	9.94	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.40%				
73) p-Bromofluorobenzene (...	10.316	95	275084	9.83	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 98.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	208755	9.72	ppb		96
3) Chloromethane	1.816	50	213176	10.53	ppb		98
4) Vinyl Chloride	1.927	62	199332	10.43	ppb		99
5) Bromomethane	2.273	94	101948	9.63	ppb		98
6) Allyl Chloride	3.528	41	325029	10.50	ppb	#	81
7) Chloroethane	2.386	64	150644	10.28	ppb		95
8) Trichlorofluoromethane	2.659	101	342997	10.02	ppb		99
9) Ethanol	2.944	45	71044	492.24	ppb		99
10) Freon-113	3.197	101	188294	10.10	ppb		88
11) 1,1-Dichloroethylene	3.179	61	287643	10.32	ppb		81
12) Acrolein	3.057	56	16021	10.23	ppb	#	75
13) Acetone	3.200	43	26760	14.26	ppb		78
14) Iodomethane	3.319	142	224402	10.76	ppb		96
15) Methyl Acetate	3.516	43	42060	10.06	ppb		80
16) Carbon disulfide	3.409	76	438300	9.77	ppb	#	93
17) tert-Butyl Alcohol (TBA)	3.769	59	3428	10.88	ppb	#	34
18) Methylene Chloride	3.650	49	237308	10.01	ppb	#	65
19) Acrylonitrile	3.845	53	19792	9.43	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	279766	10.21	ppb		80
21) tert-Butyl Methyl Ethe...	3.932	73	277880	9.84	ppb	#	82
22) 1,1-Dichloroethane	4.336	63	356258	10.25	ppb		96
23) Vinyl Acetate	4.330	43	173832	9.92	ppb		81
24) Diisopropyl ether (DIPE)	4.385	45	569366	10.03	ppb		84
25) Ethyl-tert-Butyl ether...	4.731	59	439129	9.79	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	312657	10.33	ppb		80
27) 2-Butanone	4.856	43	24905	11.51	ppb		74
28) 2,2-Dichloropropane	4.885	77	302850	9.97	ppb	#	87
29) Tetrahydrofuran	5.147	42	12521	9.31	ppb	#	69
30) Bromochloromethane	5.094	49	131885	10.16	ppb	#	61
31) Chloroform	5.187	83	325442	10.07	ppb	#	95
32) 1,1,1-Trichloroethane	5.365	97	319696	9.77	ppb		95
33) Cyclohexane	5.463	56	883204	10.23	ppb	#	82
34) 1,1-Dichloropropylene	5.516	75	253084	10.25	ppb	#	87
36) Carbon Tetrachloride	5.527	117	267674	9.88	ppb		99
37) tert-Amyl alcohol (TAA)	5.716	59	17091	95.22	ppb	#	82
38) 1,2-Dichloroethane	5.725	62	181979	9.89	ppb		92
39) Benzene	5.699	78	709291	10.09	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	279183	9.52	ppb	#	87
42) Trichloroethylene	6.329	95	190993	9.82	ppb		91
43) Methyl Cyclohexane	6.579	83	348457	10.06	ppb	#	74
44) Methyl Methacrylate	6.608	100	18063	9.77	ppb	#	1
45) Dibromomethane	6.646	93	59528	9.86	ppb		90
46) Bromodichloromethane	6.812	83	206987	9.92	ppb	#	96

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935795.D
Acq On : 28 May 2025 7:32 pm
Operator : BMC
Sample : SEQ-CAL4
Misc : QBQV9052825
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 29 14:42:53 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

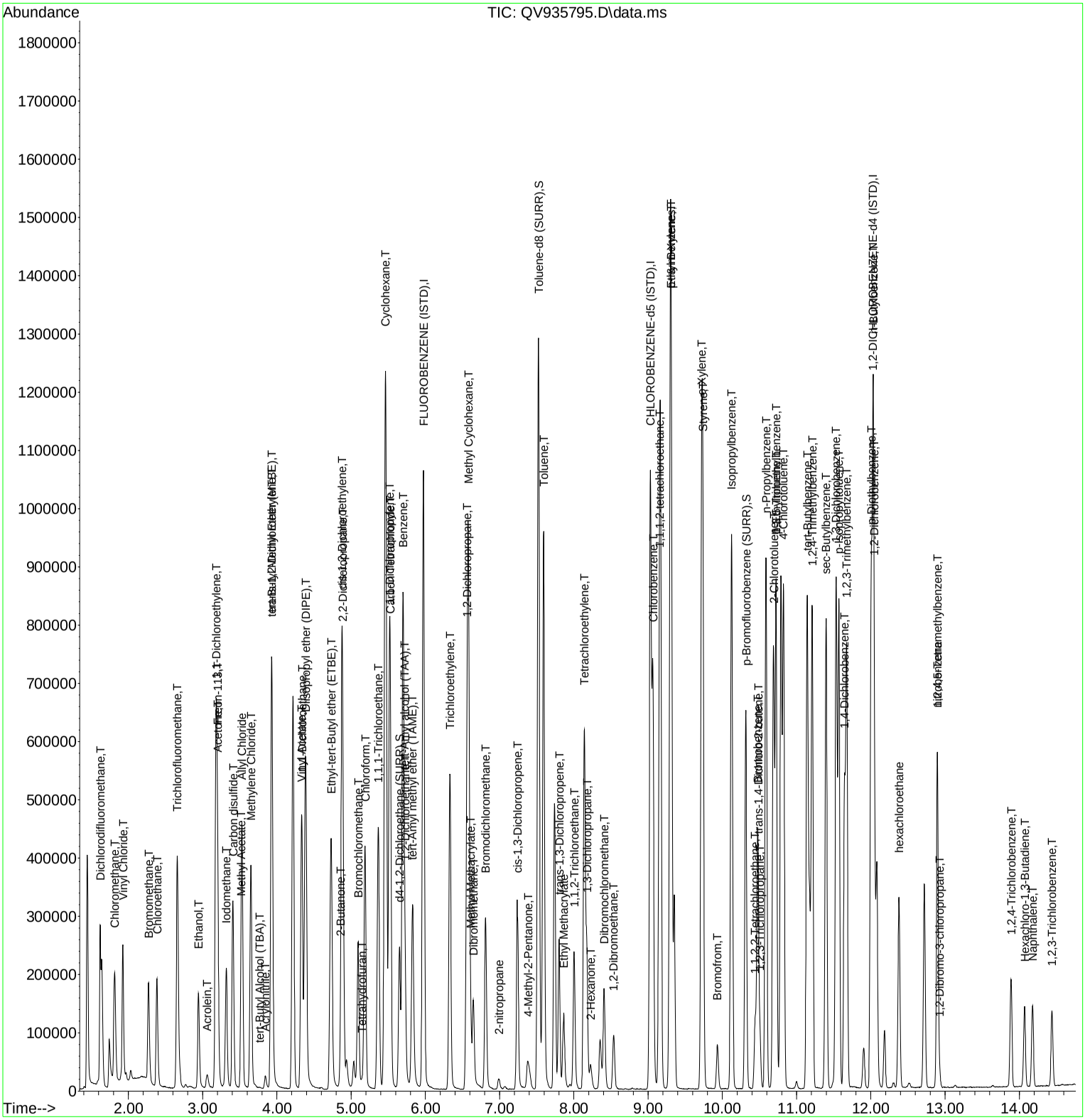
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.562	63	168155	10.22	ppb		96
50) 2-nitropropane	6.989	43	17421	8.97	ppb		96
51) cis-1,3-Dichloropropene	7.242	75	234660	9.98	ppb	#	89
52) Ethyl Methacrylate	7.864	69	79200	9.39	ppb	#	49
53) 4-Methyl-2-Pentanone	7.381	43	66129	9.66	ppb	#	71
55) Toluene	7.593	91	737473	10.04	ppb		100
56) trans-1,3-Dichloropropene	7.803	75	164444	9.63	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	84621	9.83	ppb		94
58) 1,3-Dichloropropane	8.175	76	150682	9.92	ppb	#	76
59) Tetrachloroethylene	8.143	166	190388	9.83	ppb		95
60) 2-Hexanone	8.227	43	35485	10.14	ppb		80
61) Dibromochloromethane	8.407	129	99258	9.74	ppb		98
62) 1,2-Dibromoethane	8.535	107	72500	9.68	ppb		98
63) Chlorobenzene	9.064	112	416647	9.95	ppb	#	89
64) 1,1,1,2-tetrachloroethane	9.151	131	135835	10.16	ppb		99
65) Ethyl Benzene	9.305	91	1222912	10.20	ppb		95
66) p- & m-Xylenes	9.305	91	1222912	20.40	ppb		95
67) o-Xylene	9.721	91	598839	10.21	ppb		97
68) Styrene	9.738	104	404856	10.35	ppb		94
69) Bromofrom	9.933	173	39091	10.00	ppb		99
71) p-Ethyltoluene	10.723	105	591441	10.07	ppb	#	54
72) Isopropylbenzene	10.125	105	733308	9.95	ppb		97
74) 1,1,2,2-Tetrachloroethane	10.441	83	63029	9.54	ppb		99
75) Bromobenzene	10.476	77	235519	9.69	ppb	#	79
76) trans-1,4-Dichloro-2-b...	10.485	89	8268	8.42	ppb		95
77) 1,2,3-Trichloropropane	10.505	110	19265	9.38	ppb	#	89
78) n-Propylbenzene	10.587	91	831796	9.96	ppb		96
79) 2-Chlorotoluene	10.691	126	157185	9.97	ppb		89
80) 4-Chlorotoluene	10.822	126	149948	9.89	ppb		79
81) 1,3,5-Trimethylbenzene	10.723	105	591441	10.07	ppb	#	42
82) tert-Butylbenzene	11.145	119	521708	9.80	ppb		92
83) 1,2,4-Trimethylbenzene	11.211	105	521922	9.86	ppb		96
84) sec-Butylbenzene	11.397	105	664805	9.93	ppb		96
85) hexachloroethane	12.380	117	83796	9.52	ppb		96
86) 1,3-Dichlorobenzene	11.531	146	223917	9.97	ppb	#	92
87) p-Isopropyltoluene	11.569	119	543224	9.90	ppb		96
88) 1,4-Dichlorobenzene	11.647	146	217979	9.76	ppb	#	93
89) 1,2,3-Trimethylbenzene	11.673	105	494321	9.60	ppb		96
90) nitrobenzene	12.897	77	30684	9.47	ppb	#	69
91) p-Diethylbenzene	12.005	105	284974	9.83	ppb		92
92) 1,2-Dichlorobenzene	12.045	146	172597	9.98	ppb	#	88
93) n-Butylbenzene	12.034	91	527605	9.80	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.926	75	11479	9.66	ppb	#	69
95) 1,2,4,5-Tetramethylben...	12.897	119	347429	9.59	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	64353	9.19	ppb		96
97) Hexachloro-1,3-Butadiene	14.071	225	30933	9.07	ppb		95
98) Naphthalene	14.178	128	125291	9.19	ppb		99
99) 1,2,3-Trichlorobenzene	14.440	180	42959	9.17	ppb		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935795.D
Acq On : 28 May 2025 7:32 pm
Operator : BMC
Sample : SEQ-CAL4
Misc : QBQV9052825
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 29 14:42:53 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935796.D
Acq On : 28 May 2025 7:56 pm
Operator : BMC
Sample : SEQ-CAL5
Misc : QBQV9052825
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 29 14:42:57 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	985795	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	661480	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	127434	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	175595	9.94	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 99.40%				
54) Toluene-d8 (SURR)	7.524	98	940823	9.83	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 98.30%				
73) p-Bromofluorobenzene (...	10.313	95	284199	9.97	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 99.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	421029	19.50	ppb		95
3) Chloromethane	1.813	50	428721	20.95	ppb		99
4) Vinyl Chloride	1.927	62	396775	20.59	ppb		100
5) Bromomethane	2.273	94	206401	19.19	ppb		99
6) Allyl Chloride	3.528	41	653163	20.83	ppb	#	81
7) Chloroethane	2.386	64	298713	20.34	ppb		96
8) Trichlorofluoromethane	2.659	101	686366	19.96	ppb		99
9) Ethanol	2.944	45	144106	985.52	ppb		99
10) Freon-113	3.197	101	375543	19.89	ppb		89
11) 1,1-Dichloroethylene	3.179	61	576460	20.41	ppb		81
12) Acrolein	3.057	56	31664	19.95	ppb	#	74
13) Acetone	3.200	43	45741	24.44	ppb		83
14) Iodomethane	3.319	142	437994	21.06	ppb		97
15) Methyl Acetate	3.516	43	85114	20.10	ppb		79
16) Carbon disulfide	3.409	76	897759	19.74	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.763	59	6701	21.00	ppb	#	29
18) Methylene Chloride	3.650	49	473344	19.72	ppb	#	66
19) Acrylonitrile	3.845	53	38804	18.26	ppb		97
20) trans-1,2-Dichloroethy...	3.929	61	578036	20.82	ppb		80
21) tert-Butyl Methyl Ethe...	3.929	73	564654	19.73	ppb	#	81
22) 1,1-Dichloroethane	4.336	63	730661	20.74	ppb		96
23) Vinyl Acetate	4.330	43	349070	19.65	ppb		81
24) Diisopropyl ether (DIPE)	4.385	45	1173154	20.40	ppb		84
25) Ethyl-tert-Butyl ether...	4.728	59	898960	19.79	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	631453	20.60	ppb		79
27) 2-Butanone	4.853	43	42703	19.47	ppb		80
28) 2,2-Dichloropropane	4.885	77	628401	20.43	ppb	#	86
29) Tetrahydrofuran	5.147	42	25805	18.93	ppb	#	64
30) Bromochloromethane	5.094	49	263622	20.04	ppb	#	61
31) Chloroform	5.187	83	662921	20.25	ppb	#	96
32) 1,1,1-Trichloroethane	5.367	97	674746	20.35	ppb		95
33) Cyclohexane	5.466	56	1808135	20.68	ppb	#	82
34) 1,1-Dichloropropylene	5.519	75	517365	20.69	ppb	#	2
36) Carbon Tetrachloride	5.527	117	560194	20.41	ppb		98
37) tert-Amyl alcohol (TAA)	5.713	59	39336	216.32	ppb		94
38) 1,2-Dichloroethane	5.725	62	369938	19.85	ppb		93
39) Benzene	5.699	78	1457258	20.47	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	573108	19.30	ppb	#	86
42) Trichloroethylene	6.329	95	393473	19.75	ppb		92
43) Methyl Cyclohexane	6.579	83	703181	19.82	ppb	#	74
44) Methyl Methacrylate	6.608	100	36407	19.21	ppb	#	1
45) Dibromomethane	6.646	93	120703	19.51	ppb		90
46) Bromodichloromethane	6.812	83	418265	19.56	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935796.D
Acq On : 28 May 2025 7:56 pm
Operator : BMC
Sample : SEQ-CAL5
Misc : QBQV9052825
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 29 14:42:57 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

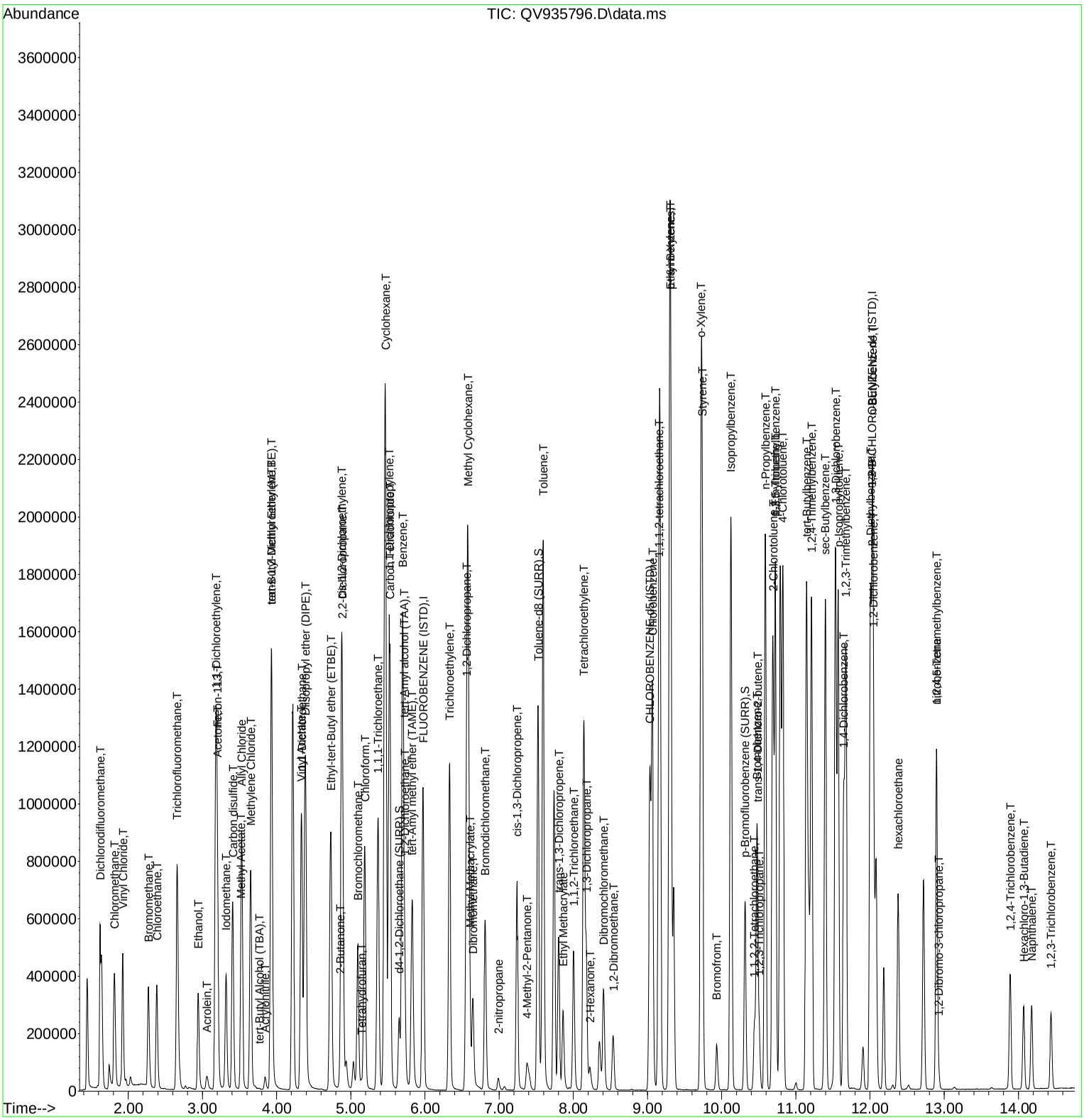
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	341010	20.23	ppb		97
50) 2-nitropropane	6.989	43	35340	17.77	ppb		99
51) cis-1,3-Dichloropropene	7.242	75	474540	19.71	ppb		97
52) Ethyl Methacrylate	7.861	69	160979	18.63	ppb	#	52
53) 4-Methyl-2-Pentanone	7.378	43	130452	18.60	ppb	#	70
55) Toluene	7.593	91	1494244	19.87	ppb		100
56) trans-1,3-Dichloropropene	7.803	75	337122	19.28	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	170617	19.34	ppb	#	93
58) 1,3-Dichloropropane	8.175	76	302288	19.43	ppb	#	76
59) Tetrachloroethylene	8.143	166	403137	20.32	ppb		96
60) 2-Hexanone	8.224	43	65907	18.38	ppb		72
61) Dibromochloromethane	8.407	129	207446	19.88	ppb		99
62) 1,2-Dibromoethane	8.538	107	147525	19.24	ppb		99
63) Chlorobenzene	9.064	112	858484	20.01	ppb	#	91
64) 1,1,1,2-tetrachloroethane	9.151	131	276607	20.19	ppb		99
65) Ethyl Benzene	9.308	91	2528979	20.59	ppb		94
66) p- & m-Xylenes	9.308	91	2528979	41.18	ppb		95
67) o-Xylene	9.723	91	1223681	20.38	ppb		97
68) Styrene	9.738	104	817125	20.39	ppb		94
69) Bromofrom	9.933	173	79717	19.90	ppb		100
71) p-Ethyltoluene	10.723	105	1197909	20.00	ppb	#	54
72) Isopropylbenzene	10.125	105	1514129	20.16	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	126400	18.76	ppb		98
75) Bromobenzene	10.476	77	477023	19.26	ppb	#	79
76) trans-1,4-Dichloro-2-b...	10.482	89	17489	17.28	ppb		90
77) 1,2,3-Trichloropropane	10.508	110	39528	18.88	ppb		93
78) n-Propylbenzene	10.587	91	1720599	20.21	ppb		96
79) 2-Chlorotoluene	10.691	126	321257	19.99	ppb		88
80) 4-Chlorotoluene	10.822	126	312143	20.21	ppb		80
81) 1,3,5-Trimethylbenzene	10.723	105	1197909	20.00	ppb	#	42
82) tert-Butylbenzene	11.145	119	1086910	20.03	ppb		91
83) 1,2,4-Trimethylbenzene	11.211	105	1081267	20.03	ppb		95
84) sec-Butylbenzene	11.397	105	1388639	20.35	ppb		96
85) hexachloroethane	12.380	117	178294	19.87	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	456228	19.92	ppb	#	93
87) p-Isopropyltoluene	11.572	119	1108895	19.84	ppb		96
88) 1,4-Dichlorobenzene	11.644	146	437568	19.23	ppb	#	93
89) 1,2,3-Trimethylbenzene	11.673	105	991953	18.91	ppb		95
90) nitrobenzene	12.897	77	63591	19.25	ppb	#	66
91) p-Diethylbenzene	12.005	105	590316	19.99	ppb		91
92) 1,2-Dichlorobenzene	12.048	146	345958	19.63	ppb	#	90
93) n-Butylbenzene	12.034	91	1093580	19.93	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.926	75	22573	18.64	ppb	#	73
95) 1,2,4,5-Tetramethylben...	12.897	119	725465	19.64	ppb		96
96) 1,2,4-Trichlorobenzene	13.891	180	138248	19.36	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	68171	19.60	ppb		95
98) Naphthalene	14.178	128	257555	18.53	ppb		99
99) 1,2,3-Trichlorobenzene	14.440	180	90421	18.93	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935796.D
Acq On : 28 May 2025 7:56 pm
Operator : BMC
Sample : SEQ-CAL5
Misc : QBQV9052825
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 29 14:42:57 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935797.D
Acq On : 28 May 2025 8:20 pm
Operator : BMC
Sample : SEQ-CAL6
Misc : QBQV9052825
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 14:43:01 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	997278	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	670255	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	130876	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	181275	10.14	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 101.40%				
54) Toluene-d8 (SURR)	7.521	98	959402	9.90	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.00%				
73) p-Bromofluorobenzene (...	10.316	95	293170	10.01	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 100.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	801114	37.25	ppb		96
3) Chloromethane	1.813	50	816625	39.64	ppb		98
4) Vinyl Chloride	1.927	62	743170	38.47	ppb		100
5) Bromomethane	2.273	94	417562	38.20	ppb		100
6) Allyl Chloride	3.528	41	1225119	38.61	ppb	#	82
7) Chloroethane	2.383	64	556896	38.21	ppb		96
8) Trichlorofluoromethane	2.659	101	1298162	37.93	ppb		99
9) Ethanol	2.944	45	294489	1990.78	ppb		100
10) Freon-113	3.197	101	734136	38.44	ppb		87
11) 1,1-Dichloroethylene	3.179	61	1099708	38.50	ppb		81
12) Acrolein	3.054	56	67483	42.03	ppb		83
13) Acetone	3.197	43	73116	39.56	ppb		83
14) Iodomethane	3.319	142	785201	38.32	ppb		96
15) Methyl Acetate	3.514	43	173485	40.50	ppb		79
16) Carbon disulfide	3.406	76	1689361	36.72	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.755	59	14863	46.04	ppb	#	29
18) Methylene Chloride	3.650	49	929335	38.26	ppb	#	65
19) Acrylonitrile	3.845	53	83800	38.97	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	1099477	39.14	ppb		80
21) tert-Butyl Methyl Ethe...	3.929	73	1171327	40.47	ppb	#	82
22) 1,1-Dichloroethane	4.336	63	1425726	40.01	ppb		96
23) Vinyl Acetate	4.330	43	718816	40.01	ppb		83
24) Diisopropyl ether (DIPE)	4.385	45	2344858	40.31	ppb		84
25) Ethyl-tert-Butyl ether...	4.728	59	1858015	40.44	ppb		89
26) cis-1,2-Dichloroethylene	4.873	61	1227843	39.59	ppb		80
27) 2-Butanone	4.847	43	79453	35.82	ppb		79
28) 2,2-Dichloropropane	4.885	77	1229614	39.51	ppb	#	86
29) Tetrahydrofuran	5.141	42	52172	37.84	ppb	#	67
30) Bromochloromethane	5.094	49	514470	38.66	ppb	#	62
31) Chloroform	5.187	83	1312611	39.64	ppb	#	96
32) 1,1,1-Trichloroethane	5.365	97	1326780	39.56	ppb		95
33) Cyclohexane	5.466	56	3464031	39.16	ppb	#	82
34) 1,1-Dichloropropylene	5.516	75	1011620	39.98	ppb	#	89
36) Carbon Tetrachloride	5.527	117	1105534	39.81	ppb		99
37) tert-Amyl alcohol (TAA)	5.693	59	81535	443.22	ppb		94
38) 1,2-Dichloroethane	5.725	62	750715	39.82	ppb		93
39) Benzene	5.699	78	2842663	39.46	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	1225128	40.77	ppb	#	86
42) Trichloroethylene	6.329	95	777989	38.55	ppb		92
43) Methyl Cyclohexane	6.579	83	1386386	38.56	ppb	#	74
44) Methyl Methacrylate	6.605	100	75339	39.24	ppb	#	1
45) Dibromomethane	6.646	93	245613	39.18	ppb		92
46) Bromodichloromethane	6.812	83	849418	39.21	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935797.D
Acq On : 28 May 2025 8:20 pm
Operator : BMC
Sample : SEQ-CAL6
Misc : QBQV9052825
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 14:43:01 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

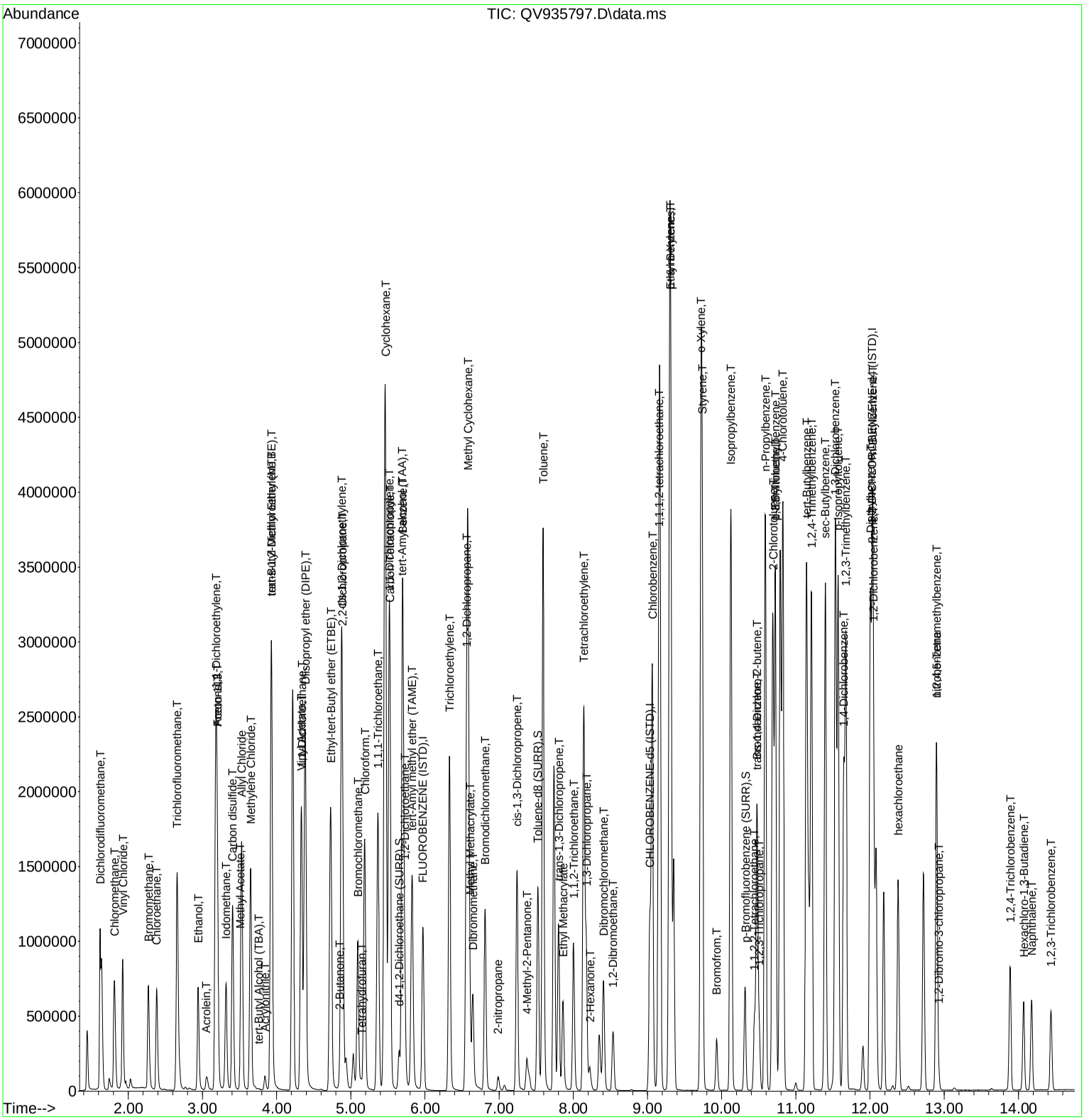
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	672338	39.37	ppb		98
50) 2-nitropropane	6.986	43	77648	38.54	ppb		98
51) cis-1,3-Dichloropropene	7.242	75	959240	39.32	ppb	#	86
52) Ethyl Methacrylate	7.861	69	340165	38.84	ppb	#	50
53) 4-Methyl-2-Pentanone	7.376	43	269481	37.93	ppb	#	70
55) Toluene	7.593	91	2931086	38.46	ppb		100
56) trans-1,3-Dichloropropene	7.803	75	703520	39.70	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	346325	38.75	ppb	#	93
58) 1,3-Dichloropropane	8.175	76	617207	39.15	ppb	#	73
59) Tetrachloroethylene	8.143	166	784919	39.04	ppb		95
60) 2-Hexanone	8.221	43	127787	35.17	ppb	#	57
61) Dibromochloromethane	8.407	129	421772	39.89	ppb		99
62) 1,2-Dibromoethane	8.535	107	305336	39.29	ppb		99
63) Chlorobenzene	9.064	112	1717054	39.49	ppb	#	91
64) 1,1,1,2-tetrachloroethane	9.151	131	550758	39.67	ppb		99
65) Ethyl Benzene	9.305	91	4898825	39.36	ppb		94
66) p- & m-Xylenes	9.305	91	4898825	78.73	ppb		95
67) o-Xylene	9.721	91	2397062	39.39	ppb		96
68) Styrene	9.738	104	1634498	40.24	ppb		95
69) Bromofrom	9.933	173	174338	42.95	ppb		99
71) p-Ethyltoluene	10.723	105	2337229	38.00	ppb	#	54
72) Isopropylbenzene	10.125	105	2976891	38.60	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	260849	37.70	ppb		99
75) Bromobenzene	10.476	77	986941	38.80	ppb	#	78
76) trans-1,4-Dichloro-2-b...	10.479	89	39553	37.13	ppb		91
77) 1,2,3-Trichloropropane	10.505	110	82695	38.47	ppb	#	89
78) n-Propylbenzene	10.590	91	3409469	38.99	ppb		96
79) 2-Chlorotoluene	10.691	126	635855	38.53	ppb		79
80) 4-Chlorotoluene	10.822	126	617633	38.93	ppb		80
81) 1,3,5-Trimethylbenzene	10.723	105	2337229	38.00	ppb	#	42
82) tert-Butylbenzene	11.145	119	2166711	38.87	ppb		91
83) 1,2,4-Trimethylbenzene	11.211	105	2121396	38.27	ppb		96
84) sec-Butylbenzene	11.397	105	2715185	38.75	ppb		96
85) hexachloroethane	12.380	117	362808	39.36	ppb		97
86) 1,3-Dichlorobenzene	11.531	146	897539	38.16	ppb	#	92
87) p-Isopropyltoluene	11.569	119	2202062	38.35	ppb		96
88) 1,4-Dichlorobenzene	11.644	146	889111	38.05	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	1950404	36.20	ppb		96
90) nitrobenzene	12.897	77	128530	37.89	ppb	#	68
91) p-Diethylbenzene	12.005	105	1181562	38.95	ppb		90
92) 1,2-Dichlorobenzene	12.048	146	697486	38.54	ppb		91
93) n-Butylbenzene	12.031	91	2199478	39.02	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.923	75	46409	37.32	ppb	#	71
95) 1,2,4,5-Tetramethylben...	12.897	119	1453616	38.33	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	282602	38.53	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	134269	37.59	ppb		95
98) Naphthalene	14.178	128	531057	37.20	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	186906	38.09	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935797.D
Acq On : 28 May 2025 8:20 pm
Operator : BMC
Sample : SEQ-CAL6
Misc : QBQV9052825
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 14:43:01 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935799.D
Acq On : 28 May 2025 9:09 pm
Operator : BMC
Sample : SEQ-CAL7
Misc : QBQV9052825
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 29 14:43:05 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	979213	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	656982	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	121096	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	177872	10.14	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 101.40%				
54) Toluene-d8 (SURR)	7.524	98	943715	9.93	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.30%				
73) p-Bromofluorobenzene (...	10.316	95	276760	10.21	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	1660658	81.79	ppb		95
3) Chloromethane	1.813	50	1624030	81.16	ppb		98
4) Vinyl Chloride	1.927	62	1513494	81.54	ppb		99
5) Bromomethane	2.272	94	879504	81.06	ppb		99
6) Allyl Chloride	3.531	41	2353619	75.55	ppb	#	83
7) Chloroethane	2.386	64	1109393	81.33	ppb		95
8) Trichlorofluoromethane	2.662	101	2616335	81.00	ppb		99
9) Ethanol	2.941	45	605533	4168.99	ppb		99
10) Freon-113	3.197	101	1460591	77.89	ppb		88
11) 1,1-Dichloroethylene	3.179	61	2177416	77.63	ppb		80
12) Acrolein	3.054	56	138849	88.06	ppb		91
13) Acetone	3.194	43	134082	78.82	ppb		82
14) Iodomethane	3.319	142	1523347	81.14	ppb		96
15) Methyl Acetate	3.513	43	357979	85.11	ppb		79
16) Carbon disulfide	3.409	76	3454780	76.48	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.755	59	29477	93.00	ppb	#	31
18) Methylene Chloride	3.650	49	1851234	77.63	ppb	#	65
19) Acrylonitrile	3.845	53	171708	81.33	ppb		97
20) trans-1,2-Dichloroethy...	3.929	61	2170066	78.67	ppb		79
21) tert-Butyl Methyl Ethe...	3.929	73	2395501	84.29	ppb	#	82
22) 1,1-Dichloroethane	4.336	63	2741527	78.35	ppb		96
23) Vinyl Acetate	4.327	43	1483392	84.08	ppb		82
24) Diisopropyl ether (DIPE)	4.385	45	4702867	82.33	ppb		84
25) Ethyl-tert-Butyl ether...	4.728	59	3843966	85.20	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	2381550	78.21	ppb		79
27) 2-Butanone	4.847	43	152934	70.21	ppb		79
28) 2,2-Dichloropropane	4.885	77	2470087	80.84	ppb	#	86
29) Tetrahydrofuran	5.138	42	106612	78.75	ppb	#	66
30) Bromochloromethane	5.094	49	1019009	77.99	ppb	#	61
31) Chloroform	5.187	83	2634829	81.04	ppb	#	96
32) 1,1,1-Trichloroethane	5.367	97	2671517	81.13	ppb		95
33) Cyclohexane	5.466	56	6753889	77.76	ppb	#	82
34) 1,1-Dichloropropylene	5.518	75	1992476	80.20	ppb	#	92
36) Carbon Tetrachloride	5.530	117	2226007	81.63	ppb		99
37) tert-Amyl alcohol (TAA)	5.693	59	139263	770.99	ppb		91
38) 1,2-Dichloroethane	5.725	62	1528878	82.59	ppb		93
39) Benzene	5.699	78	5562301	78.64	ppb	#	84
40) tert-Amyl methyl ether...	5.826	73	2581962	87.52	ppb	#	86
42) Trichloroethylene	6.329	95	1536518	77.67	ppb		92
43) Methyl Cyclohexane	6.582	83	2681975	76.10	ppb	#	74
44) Methyl Methacrylate	6.605	100	151893	80.71	ppb	#	1
45) Dibromomethane	6.646	93	503046	81.88	ppb		90
46) Bromodichloromethane	6.812	83	1716451	80.84	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935799.D
Acq On : 28 May 2025 9:09 pm
Operator : BMC
Sample : SEQ-CAL7
Misc : QBQV9052825
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 29 14:43:05 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

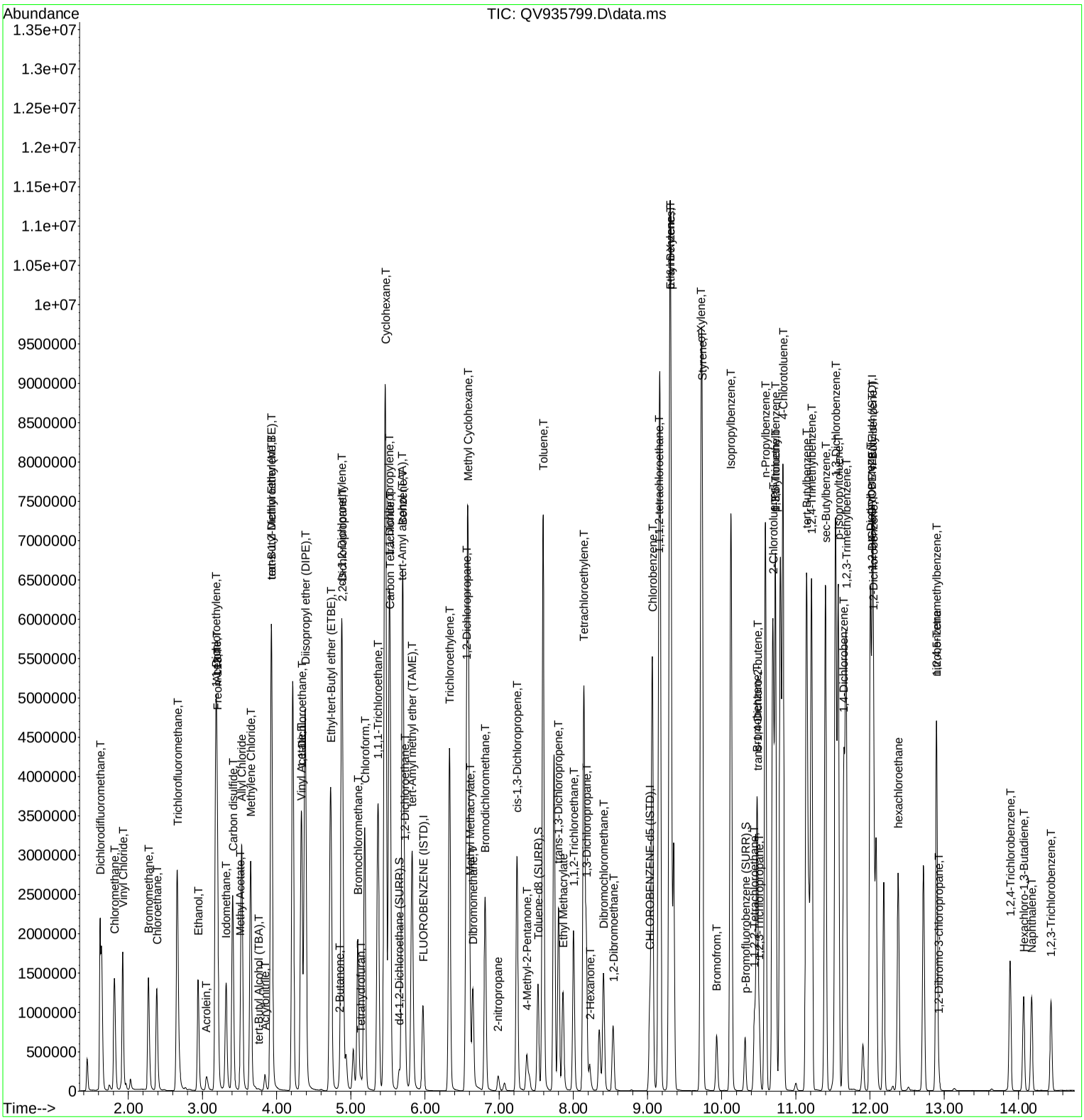
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	1284074	76.71	ppb		98
50) 2-nitropropane	6.986	43	155972	78.98	ppb		98
51) cis-1,3-Dichloropropene	7.242	75	1958610	81.91	ppb	#	86
52) Ethyl Methacrylate	7.861	69	708182	82.50	ppb	#	49
53) 4-Methyl-2-Pentanone	7.372	43	559153	80.29	ppb	#	70
55) Toluene	7.593	91	5714802	76.51	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	1456135	83.83	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	699380	79.83	ppb	#	92
58) 1,3-Dichloropropane	8.175	76	1246024	80.63	ppb	#	73
59) Tetrachloroethylene	8.143	166	1547754	78.53	ppb		94
60) 2-Hexanone	8.221	43	255910	71.86	ppb	#	56
61) Dibromochloromethane	8.407	129	866245	83.59	ppb		99
62) 1,2-Dibromoethane	8.538	107	625378	82.10	ppb		99
63) Chlorobenzene	9.064	112	3378628	79.28	ppb	#	91
64) 1,1,1,2-tetrachloroethane	9.151	131	1082979	79.58	ppb		99
65) Ethyl Benzene	9.308	91	9299954	76.24	ppb		94
66) p- & m-Xylenes	9.308	91	9299954	152.48	ppb		95
67) o-Xylene	9.723	91	4574537	76.69	ppb		95
68) Styrene	9.738	104	3112957	78.20	ppb		95
69) Bromofrom	9.933	173	349843	87.93	ppb		100
71) p-Ethyltoluene	10.726	105	4529371	79.58	ppb	#	54
72) Isopropylbenzene	10.124	105	5673251	79.51	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	519667	81.18	ppb		99
75) Bromobenzene	10.476	77	1906918	81.03	ppb	#	78
76) trans-1,4-Dichloro-2-b...	10.482	89	85334	82.02	ppb		89
77) 1,2,3-Trichloropropane	10.505	110	163571	82.23	ppb	#	89
78) n-Propylbenzene	10.589	91	6411504	79.24	ppb		96
79) 2-Chlorotoluene	10.691	126	1203082	78.79	ppb		78
80) 4-Chlorotoluene	10.825	126	1155802	78.74	ppb	#	77
81) 1,3,5-Trimethylbenzene	10.726	105	4529371	79.58	ppb	#	42
82) tert-Butylbenzene	11.144	119	4099563	79.49	ppb		91
83) 1,2,4-Trimethylbenzene	11.211	105	4126275	80.45	ppb		95
84) sec-Butylbenzene	11.400	105	5173960	79.81	ppb		96
85) hexachloroethane	12.379	117	722063	84.66	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	1710521	78.59	ppb	#	91
87) p-Isopropyltoluene	11.572	119	4232591	79.68	ppb		95
88) 1,4-Dichlorobenzene	11.647	146	1713730	79.26	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.676	105	3759480	75.40	ppb		95
90) nitrobenzene	12.897	77	254130	80.98	ppb	#	68
91) p-Diethylbenzene	12.005	105	2286950	81.48	ppb		91
92) 1,2-Dichlorobenzene	12.048	146	1330185	79.44	ppb		90
93) n-Butylbenzene	12.034	91	4209134	80.71	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.926	75	91765	79.75	ppb	#	73
95) 1,2,4,5-Tetramethylben...	12.897	119	2884881	82.20	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	569967	83.99	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	280494	84.87	ppb		96
98) Naphthalene	14.178	128	1071783	81.15	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	385776	84.97	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935799.D
Acq On : 28 May 2025 9:09 pm
Operator : BMC
Sample : SEQ-CAL7
Misc : QBQV9052825
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 29 14:43:05 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935801.D
Acq On : 28 May 2025 9:57 pm
Operator : BMC
Sample : SEQ-CAL8
Misc : QBQV9052825
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 29 14:43:09 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	1008766	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	658772	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	119159	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	184495	10.21	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 102.10%				
54) Toluene-d8 (SURR)	7.524	98	956536	10.04	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.40%				
73) p-Bromofluorobenzene (...	10.316	95	278202	10.43	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 104.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.622	85	2441724	121.01	ppb		95
3) Chloromethane	1.813	50	2405009	117.81	ppb		98
4) Vinyl Chloride	1.927	62	2227712	118.77	ppb		99
5) Bromomethane	2.272	94	1364095	120.83	ppb		99
6) Allyl Chloride	3.531	41	3386042	105.50	ppb	#	83
7) Chloroethane	2.386	64	1607773	119.62	ppb		96
8) Trichlorofluoromethane	2.662	101	3869839	120.83	ppb		99
9) Ethanol	2.941	45	906366	6057.35	ppb		99
10) Freon-113	3.197	101	2137260	110.63	ppb		88
11) 1,1-Dichloroethylene	3.179	61	3151307	109.05	ppb		80
12) Acrolein	3.054	56	213533	131.46	ppb		94
13) Acetone	3.194	43	190846	116.35	ppb		82
14) Iodomethane	3.319	142	2153104	118.83	ppb		96
15) Methyl Acetate	3.513	43	536037	123.72	ppb		79
16) Carbon disulfide	3.409	76	5045082	108.42	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.752	59	50855	155.74	ppb	#	30
18) Methylene Chloride	3.650	49	2737313	111.42	ppb	#	65
19) Acrylonitrile	3.845	53	261694	120.33	ppb		98
20) trans-1,2-Dichloroethy...	3.932	61	3127327	110.05	ppb		79
21) tert-Butyl Methyl Ethe...	3.929	73	3571706	121.99	ppb	#	83
22) 1,1-Dichloroethane	4.336	63	3953043	109.67	ppb		96
23) Vinyl Acetate	4.327	43	2178506	119.87	ppb		82
24) Diisopropyl ether (DIPE)	4.385	45	7022724	119.34	ppb		85
25) Ethyl-tert-Butyl ether...	4.728	59	5763663	124.00	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	3453203	110.09	ppb		79
27) 2-Butanone	4.847	43	236737	105.50	ppb		80
28) 2,2-Dichloropropane	4.888	77	3633005	115.42	ppb	#	86
29) Tetrahydrofuran	5.138	42	162701	116.65	ppb	#	68
30) Bromochloromethane	5.094	49	1494014	111.00	ppb	#	62
31) Chloroform	5.187	83	3915918	116.92	ppb	#	96
32) 1,1,1-Trichloroethane	5.367	97	4047003	119.31	ppb		95
33) Cyclohexane	5.466	56	9679348	108.18	ppb	#	82
34) 1,1-Dichloropropylene	5.518	75	2909553	113.68	ppb	#	94
36) Carbon Tetrachloride	5.530	117	3331280	118.58	ppb		99
37) tert-Amyl alcohol (TAA)	5.690	59	208227	1119.02	ppb		91
38) 1,2-Dichloroethane	5.725	62	2297223	120.46	ppb		94
39) Benzene	5.699	78	8086093	110.97	ppb	#	83
40) tert-Amyl methyl ether...	5.826	73	3939105	129.61	ppb	#	86
42) Trichloroethylene	6.332	95	2312744	116.59	ppb		92
43) Methyl Cyclohexane	6.582	83	3874590	109.64	ppb	#	74
44) Methyl Methacrylate	6.605	100	231317	122.59	ppb	#	1
45) Dibromomethane	6.646	93	746782	121.22	ppb		91
46) Bromodichloromethane	6.812	83	2604979	122.35	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935801.D
Acq On : 28 May 2025 9:57 pm
Operator : BMC
Sample : SEQ-CAL8
Misc : QBQV9052825
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 29 14:43:09 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

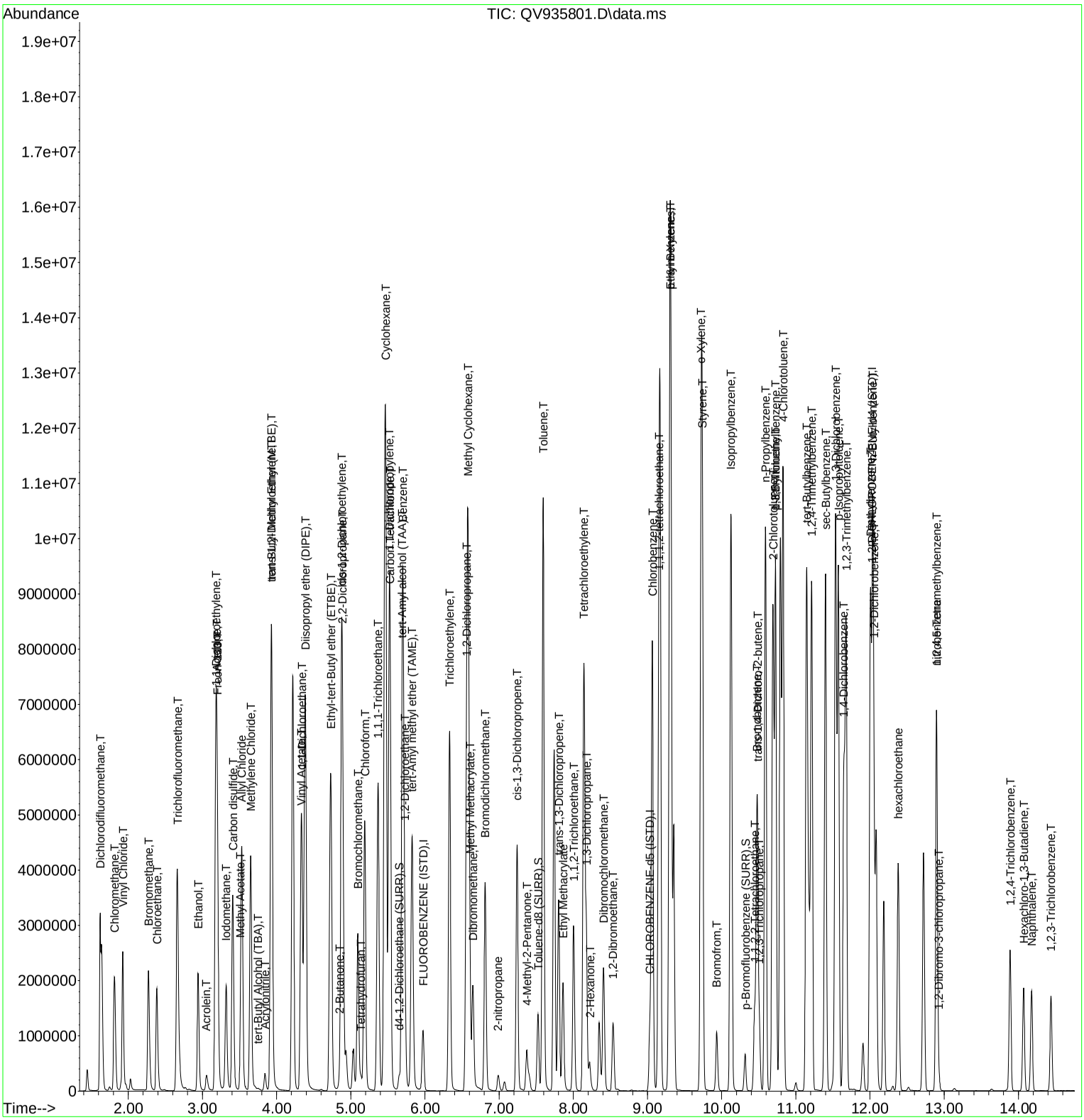
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	1895485	112.93	ppb		97
50) 2-nitropropane	6.986	43	240864	121.63	ppb		97
51) cis-1,3-Dichloropropene	7.242	75	2907538	121.26	ppb	#	85
52) Ethyl Methacrylate	7.861	69	1072779	124.64	ppb	#	49
53) 4-Methyl-2-Pentanone	7.372	43	856027	122.59	ppb	#	70
55) Toluene	7.593	91	8383427	111.93	ppb		100
56) trans-1,3-Dichloropropene	7.803	75	2181270	125.24	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	1039295	118.30	ppb	#	93
58) 1,3-Dichloropropane	8.175	76	1840773	118.79	ppb	#	73
59) Tetrachloroethylene	8.143	166	2350481	118.94	ppb		93
60) 2-Hexanone	8.221	43	389007	108.94	ppb		60
61) Dibromochloromethane	8.407	129	1296455	124.76	ppb		99
62) 1,2-Dibromoethane	8.535	107	930924	121.88	ppb		99
63) Chlorobenzene	9.064	112	4907573	114.84	ppb	#	91
64) 1,1,1,2-tetrachloroethane	9.151	131	1570022	115.06	ppb		99
65) Ethyl Benzene	9.308	91	13073183	106.88	ppb		94
66) p- & m-Xylenes	9.308	91	13073183	213.76	ppb		95
67) o-Xylene	9.723	91	6472861	108.23	ppb		95
68) Styrene	9.741	104	4421701	110.77	ppb		95
69) Bromofrom	9.933	173	533216	133.66	ppb		99
71) p-Ethyltoluene	10.726	105	6445065	115.08	ppb	#	54
72) Isopropylbenzene	10.124	105	8092830	115.26	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.444	83	770171	122.27	ppb		99
75) Bromobenzene	10.476	77	2802732	121.03	ppb	#	77
76) trans-1,4-Dichloro-2-b...	10.482	89	130395	121.70	ppb		90
77) 1,2,3-Trichloropropane	10.508	110	243655	124.48	ppb	#	90
78) n-Propylbenzene	10.589	91	9333288	117.23	ppb		96
79) 2-Chlorotoluene	10.691	126	1755989	116.86	ppb		85
80) 4-Chlorotoluene	10.825	126	1685581	116.69	ppb		77
81) 1,3,5-Trimethylbenzene	10.726	105	6445065	115.08	ppb	#	42
82) tert-Butylbenzene	11.147	119	5934854	116.95	ppb		90
83) 1,2,4-Trimethylbenzene	11.211	105	5984971	118.59	ppb		95
84) sec-Butylbenzene	11.400	105	7593267	119.03	ppb		96
85) hexachloroethane	12.379	117	1084244	129.19	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	2479827	115.79	ppb	#	91
87) p-Isopropyltoluene	11.572	119	6199690	118.60	ppb		95
88) 1,4-Dichlorobenzene	11.647	146	2524291	118.65	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.676	105	5542280	112.97	ppb		95
90) nitrobenzene	12.897	77	382840	123.97	ppb	#	68
91) p-Diethylbenzene	12.005	105	3361633	121.72	ppb		91
92) 1,2-Dichlorobenzene	12.051	146	1928672	117.05	ppb		90
93) n-Butylbenzene	12.034	91	6207499	120.96	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.926	75	137757	121.67	ppb	#	72
95) 1,2,4,5-Tetramethylben...	12.897	119	4298375	124.47	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	865805	129.66	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	438362	134.79	ppb		96
98) Naphthalene	14.178	128	1624208	124.97	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	582479	130.39	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935801.D
Acq On : 28 May 2025 9:57 pm
Operator : BMC
Sample : SEQ-CAL8
Misc : QBQV9052825
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 29 14:43:09 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935803.D
Acq On : 28 May 2025 10:45 pm
Operator : BMC
Sample : SEQ-CAL9
Misc : QBQV9052825
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 29 14:43:13 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	1035115	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	654800	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	114910	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	182154	9.82	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 98.20%				
54) Toluene-d8 (SURR)	7.524	98	969195	10.23	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 102.30%				
73) p-Bromofluorobenzene (...	10.316	95	275877	10.73	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 107.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	3176701	159.09	ppb		95
3) Chloromethane	1.811	50	3333116	160.96	ppb		98
4) Vinyl Chloride	1.927	62	3020281	160.40	ppb		99
5) Bromomethane	2.273	94	1864438	159.41	ppb		100
6) Allyl Chloride	3.531	41	4339852	131.78	ppb	#	83
7) Chloroethane	2.383	64	2100313	159.97	ppb		95
8) Trichlorofluoromethane	2.659	101	5039670	159.36	ppb		99
9) Ethanol	2.941	45	1188073	7737.92	ppb		99
10) Freon-113	3.197	101	2787432	140.61	ppb		88
11) 1,1-Dichloroethylene	3.179	61	4073044	137.36	ppb		80
12) Acrolein	3.051	56	294179	176.51	ppb		98
13) Acetone	3.191	43	250920	162.89	ppb		82
14) Iodomethane	3.319	142	2762374	160.54	ppb		95
15) Methyl Acetate	3.511	43	718943	161.71	ppb		79
16) Carbon disulfide	3.409	76	6619240	138.63	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.749	59	72136	215.29	ppb	#	87
18) Methylene Chloride	3.650	49	3588270	142.34	ppb	#	66
19) Acrylonitrile	3.842	53	350467	157.04	ppb		97
20) trans-1,2-Dichloroethy...	3.932	61	4052083	138.97	ppb		80
21) tert-Butyl Methyl Ethe...	3.929	73	4652209	154.85	ppb	#	83
22) 1,1-Dichloroethane	4.336	63	5103119	137.97	ppb		96
23) Vinyl Acetate	4.327	43	2839286	152.25	ppb		82
24) Diisopropyl ether (DIPE)	4.385	45	9003458	149.10	ppb		86
25) Ethyl-tert-Butyl ether...	4.728	59	7534442	157.98	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	4465643	138.74	ppb		79
27) 2-Butanone	4.847	43	319408	138.72	ppb		78
28) 2,2-Dichloropropane	4.888	77	4634514	143.49	ppb	#	86
29) Tetrahydrofuran	5.138	42	224900	157.14	ppb	#	67
30) Bromochloromethane	5.094	49	1959880	141.91	ppb	#	62
31) Chloroform	5.187	83	5047418	146.86	ppb	#	96
32) 1,1,1-Trichloroethane	5.368	97	5321062	152.87	ppb		95
33) Cyclohexane	5.466	56	12259392	133.52	ppb	#	83
34) 1,1-Dichloropropylene	5.519	75	3741481	142.47	ppb	#	94
36) Carbon Tetrachloride	5.530	117	4312057	149.59	ppb		99
37) tert-Amyl alcohol (TAA)	5.690	59	269983	1413.96	ppb		92
38) 1,2-Dichloroethane	5.725	62	3019393	154.30	ppb		94
39) Benzene	5.699	78	10470659	140.04	ppb	#	83
40) tert-Amyl methyl ether...	5.827	73	5178728	166.06	ppb	#	86
42) Trichloroethylene	6.329	95	2988646	151.57	ppb		92
43) Methyl Cyclohexane	6.582	83	4970861	141.51	ppb	#	75
44) Methyl Methacrylate	6.605	100	308193	164.32	ppb	#	1
45) Dibromomethane	6.646	93	954984	155.95	ppb		91
46) Bromodichloromethane	6.812	83	3428738	162.02	ppb	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935803.D
Acq On : 28 May 2025 10:45 pm
Operator : BMC
Sample : SEQ-CAL9
Misc : QBQV9052825
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 29 14:43:13 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

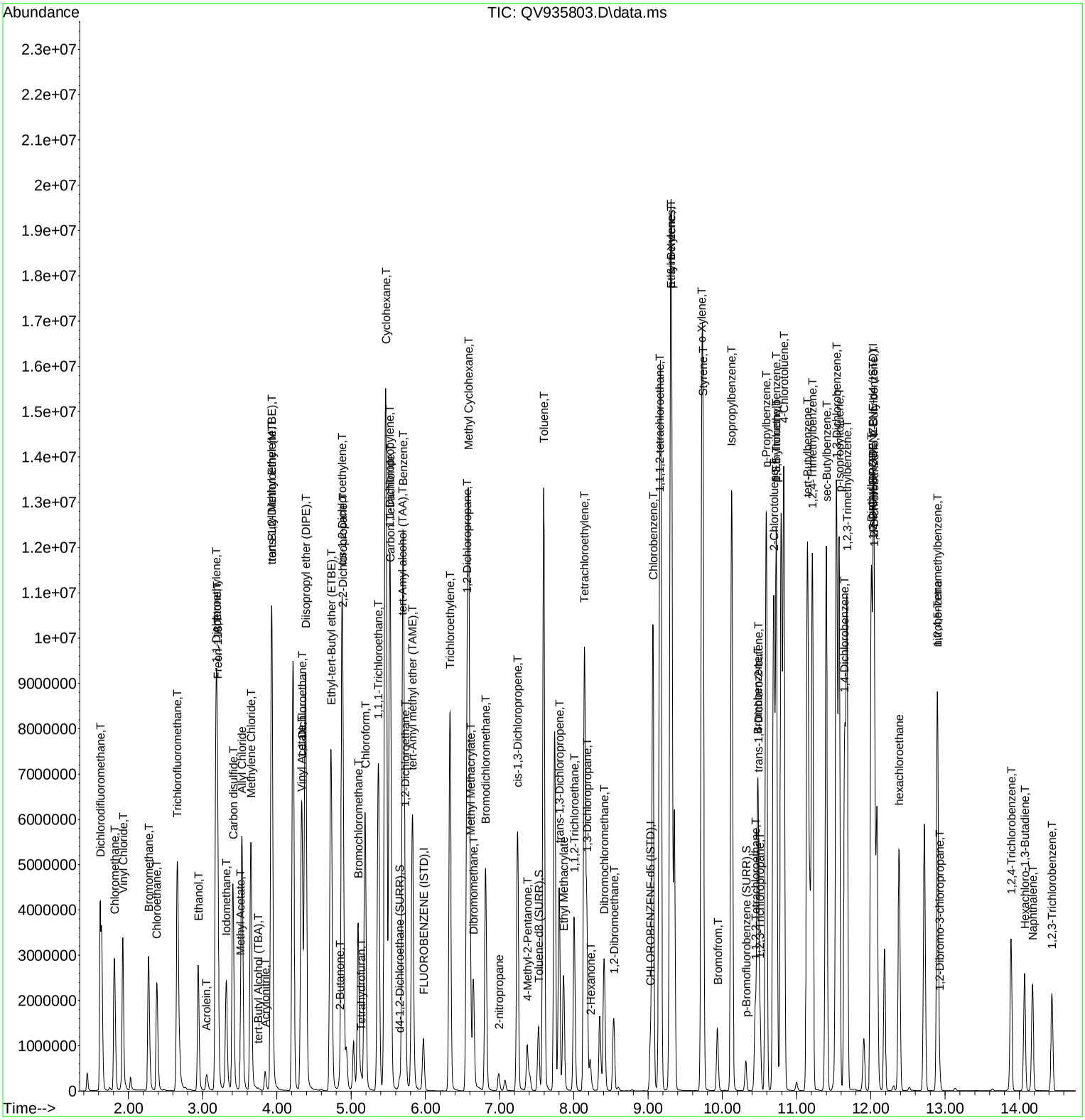
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.562	63	2437333	146.09	ppb		97
50) 2-nitropropane	6.989	43	319811	162.48	ppb		97
51) cis-1,3-Dichloropropene	7.242	75	3778538	158.54	ppb	#	85
52) Ethyl Methacrylate	7.861	69	1429761	167.12	ppb	#	50
53) 4-Methyl-2-Pentanone	7.373	43	1123219	161.83	ppb	#	70
55) Toluene	7.593	91	10649041	143.04	ppb		99
56) trans-1,3-Dichloropropene	7.803	75	2844041	164.29	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	1339240	153.37	ppb	#	93
58) 1,3-Dichloropropane	8.175	76	2379051	154.46	ppb	#	76
59) Tetrachloroethylene	8.143	166	2970043	151.20	ppb		93
60) 2-Hexanone	8.221	43	522507	147.21	ppb		71
61) Dibromochloromethane	8.407	129	1693620	163.96	ppb		99
62) 1,2-Dibromoethane	8.538	107	1206630	158.93	ppb		99
63) Chlorobenzene	9.064	112	6291406	148.11	ppb	#	92
64) 1,1,1,2-tetrachloroethane	9.154	131	1993088	146.95	ppb		99
65) Ethyl Benzene	9.311	91	16332869	134.34	ppb		95
66) p- & m-Xylenes	9.311	91	16332869	268.68	ppb		96
67) o-Xylene	9.724	91	8214020	138.17	ppb		96
68) Styrene	9.741	104	5619732	141.64	ppb		94
69) Bromofrom	9.936	173	684395	172.59	ppb		100
71) p-Ethyltoluene	10.726	105	8289003	153.48	ppb	#	54
72) Isopropylbenzene	10.125	105	10304066	152.18	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.444	83	983752	161.95	ppb		99
75) Bromobenzene	10.476	77	3601842	161.29	ppb	#	77
76) trans-1,4-Dichloro-2-b...	10.485	89	170971	158.86	ppb		90
77) 1,2,3-Trichloropropane	10.508	110	313016	165.83	ppb	#	90
78) n-Propylbenzene	10.592	91	11667646	151.97	ppb		96
79) 2-Chlorotoluene	10.694	126	2249152	155.22	ppb		84
80) 4-Chlorotoluene	10.825	126	2151249	154.44	ppb	#	77
81) 1,3,5-Trimethylbenzene	10.726	105	8289003	153.48	ppb	#	42
82) tert-Butylbenzene	11.148	119	7679558	156.92	ppb		90
83) 1,2,4-Trimethylbenzene	11.211	105	7743421	159.11	ppb		95
84) sec-Butylbenzene	11.400	105	9690150	157.52	ppb		96
85) hexachloroethane	12.380	117	1423902	175.94	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	3176215	153.80	ppb	#	91
87) p-Isopropyltoluene	11.572	119	8034488	159.39	ppb		95
88) 1,4-Dichlorobenzene	11.647	146	3280390	159.89	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.676	105	7201717	152.22	ppb		95
90) nitrobenzene	12.897	77	498473	167.38	ppb	#	68
91) p-Diethylbenzene	12.005	105	4349819	163.32	ppb		92
92) 1,2-Dichlorobenzene	12.048	146	2486730	156.50	ppb		90
93) n-Butylbenzene	12.034	91	7975527	161.16	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.923	75	178753	163.72	ppb	#	73
95) 1,2,4,5-Tetramethylben...	12.897	119	5625805	168.93	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	1141431	177.25	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	599262	191.08	ppb		96
98) Naphthalene	14.178	128	2096944	167.31	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	751871	174.53	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935803.D
Acq On : 28 May 2025 10:45 pm
Operator : BMC
Sample : SEQ-CAL9
Misc : QBQV9052825
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 29 14:43:13 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	11.7	17.2	30.00
1,1,1-Trichloroethane	10.0	11.3	12.6	30.00
1,1,2,2-Tetrachloroethane	10.0	11.1	10.8	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.7	16.8	30.00
1,1,2-Trichloroethane	10.0	11.2	11.6	30.00
1,1-Dichloroethane	10.0	11.5	14.8	30.00
1,1-Dichloroethylene	10.0	12.4	24.3	30.00
1,2,3-Trichlorobenzene	10.0	11.3	12.9	30.00
1,2,3-Trichloropropane	10.0	11.1	11.4	30.00
1,2,4-Trichlorobenzene	10.0	11.3	12.9	30.00
1,2,4-Trimethylbenzene	10.0	12.0	19.9	30.00
1,2-Dibromo-3-chloropropane	10.0	11.1	10.7	30.00
1,2-Dibromoethane	10.0	11.1	10.6	30.00
1,2-Dichlorobenzene	10.0	11.6	15.8	30.00
1,2-Dichloroethane	10.0	11.1	11.0	30.00
1,2-Dichloropropane	10.0	11.9	19.1	30.00
1,3,5-Trimethylbenzene	10.0	13.8	38.5 *	30.00
1,3-Dichlorobenzene	10.0	11.4	14.3	30.00
1,4-Dichlorobenzene	10.0	11.1	11.4	30.00
1,4-Dioxane	210	0.00		30.00
2-Butanone	10.0	9.56	-4.4	30.00
2-Hexanone	10.0	9.52	-4.8	30.00
4-Methyl-2-pentanone	10.0	8.02	-19.8	30.00
Acetone	10.0	9.11	-8.9	30.00
Acrolein	10.0	6.41	-35.9 *	30.00
Acrylonitrile	10.0	10.7	6.7	30.00
Benzene	10.0	11.6	16.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromochloromethane	10.0	11.0	9.5	30.00
Bromodichloromethane	10.0	11.2	12.3	30.00
Bromoform	10.0	11.4	14.4	30.00
Bromomethane	10.0	10.1	0.6	30.00
Carbon disulfide	10.0	11.8	18.3	30.00
Carbon tetrachloride	10.0	11.6	16.0	30.00
Chlorobenzene	10.0	11.5	15.1	30.00
Chloroethane	10.0	11.3	12.8	30.00
Chloroform	10.0	11.3	13.3	30.00
Chloromethane	10.0	10.4	4.2	30.00
cis-1,2-Dichloroethylene	10.0	11.4	13.7	30.00
cis-1,3-Dichloropropylene	10.0	10.8	8.5	30.00
Cyclohexane	10.0	6.42	-35.8 *	30.00
Dibromochloromethane	10.0	11.3	12.8	30.00
Dibromomethane	10.0	11.1	11.3	30.00
Dichlorodifluoromethane	10.0	9.57	-4.3	30.00
Ethyl Benzene	10.0	11.9	18.7	30.00
Hexachlorobutadiene	10.0	11.0	10.0	30.00
Isopropylbenzene	10.0	12.0	20.2	30.00
Methyl acetate	10.0	10.1	1.0	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.7	6.9	30.00
Methylcyclohexane	10.0	11.6	15.6	30.00
Methylene chloride	10.0	11.2	11.5	30.00
n-Butylbenzene	10.0	11.6	15.5	30.00
n-Propylbenzene	10.0	12.0	19.8	30.00
o-Xylene	10.0	11.8	17.7	30.00
p- & m- Xylenes	20.0	23.7	18.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25E1596

Client: Hydro Tech Environmental **Project:** 230051 - 170 Freeman Street, Brooklyn

Calibration: SE50045 **Laboratory ID:** S5E3001-SCV1

Sequence: S5E3001 **Standard ID:** S25E419

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
p-Isopropyltoluene	10.0	12.0	19.5	30.00
sec-Butylbenzene	10.0	11.8	18.0	30.00
Styrene	10.0	12.3	23.3	30.00
tert-Butyl alcohol (TBA)	50.0	33.3	-33.5 *	30.00
tert-Butylbenzene	10.0	10.6	6.4	30.00
Tetrachloroethylene	10.0	10.7	6.8	30.00
Toluene	10.0	11.6	16.5	30.00
trans-1,2-Dichloroethylene	10.0	11.6	16.2	30.00
trans-1,3-Dichloropropylene	10.0	10.9	9.0	30.00
trans-1,4-dichloro-2-butene	10.0	9.15	-8.5	30.00
Trichloroethylene	10.0	11.7	17.4	30.00
Trichlorofluoromethane	10.0	11.3	13.0	30.00
Vinyl Chloride	10.0	11.2	11.9	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935807.D
Acq On : 29 May 2025 12:22 am
Operator : BMC
Sample : SEQ-SCV1
Misc : QBQV9052825
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 29 14:43:17 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	991600	10.00	ppb		0.03
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	640016	10.00	ppb	#	0.04
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	121225	10.00	ppb	#	0.04
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	171310	9.64	ppb		0.03
Spiked Amount 10.000	Range 77 - 125		Recovery = 96.40%				
54) Toluene-d8 (SURR)	7.524	98	928262	10.03	ppb		0.03
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.30%				
73) p-Bromofluorobenzene (...	10.316	95	266635	9.83	ppb		0.04
Spiked Amount 10.000	Range 76 - 130		Recovery = 98.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	209565	9.57	ppb		96
3) Chloromethane	1.814	50	215016	10.42	ppb		98
4) Vinyl Chloride	1.927	62	217899	11.19	ppb		99
5) Bromomethane	2.273	94	108550	10.06	ppb		100
6) Allyl Chloride	3.531	41	368852	11.69	ppb	#	71
7) Chloroethane	2.386	64	168224	11.28	ppb		95
8) Trichlorofluoromethane	2.662	101	393767	11.30	ppb		99
10) Freon-113	3.197	101	221742	11.68	ppb		89
11) 1,1-Dichloroethylene	3.179	61	353150	12.43	ppb		81
12) Acrolein	3.060	56	10236	6.41	ppb	#	24
13) Acetone	3.200	43	17561	9.11	ppb		80
14) Iodomethane	3.319	142	238255	11.22	ppb		98
15) Methyl Acetate	3.519	43	43005	10.10	ppb		81
16) Carbon disulfide	3.409	76	540897	11.83	ppb	#	93
17) tert-Butyl Alcohol (TBA)	3.766	59	10680	33.27	ppb	#	34
18) Methylene Chloride	3.650	49	269306	11.15	ppb	#	66
19) Acrylonitrile	3.848	53	22806	10.67	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	324598	11.62	ppb		81
21) tert-Butyl Methyl Ethe...	3.932	73	307691	10.69	ppb	#	83
22) 1,1-Dichloroethane	4.336	63	406654	11.48	ppb		95
23) Vinyl Acetate	4.330	43	145790	8.16	ppb		83
24) Diisopropyl ether (DIPE)	4.385	45	657552	11.37	ppb		84
25) Ethyl-tert-Butyl ether...	4.728	59	488201	10.69	ppb		89
26) cis-1,2-Dichloroethylene	4.876	61	350539	11.37	ppb		80
27) 2-Butanone	4.856	43	21080	9.56	ppb		78
28) 2,2-Dichloropropane	4.888	77	320008	10.34	ppb		88
29) Tetrahydrofuran	5.144	42	14734	10.75	ppb	#	61
30) Bromochloromethane	5.094	49	144893	10.95	ppb	#	62
31) Chloroform	5.187	83	372950	11.33	ppb	#	96
32) 1,1,1-Trichloroethane	5.368	97	375606	11.26	ppb		94
33) Cyclohexane	5.461	56	564825	6.42	ppb	#	85
34) 1,1-Dichloropropylene	5.519	75	298108	11.85	ppb	#	91
36) Carbon Tetrachloride	5.527	117	320431	11.60	ppb		99
37) tert-Amyl alcohol (TAA)	5.710	59	18654	101.98	ppb		87
38) 1,2-Dichloroethane	5.725	62	208153	11.10	ppb		93
39) Benzene	5.699	78	834039	11.64	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	306127	10.25	ppb	#	87
42) Trichloroethylene	6.329	95	226256	11.74	ppb		92
43) Methyl Cyclohexane	6.582	83	396771	11.56	ppb	#	75
44) Methyl Methacrylate	6.608	100	20324	11.09	ppb	#	1
45) Dibromomethane	6.646	93	66594	11.13	ppb		90
46) Bromodichloromethane	6.812	83	232293	11.23	ppb	#	97
47) 1,2-Dichloropropane	6.562	63	194220	11.91	ppb		97

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935807.D
Acq On : 29 May 2025 12:22 am
Operator : BMC
Sample : SEQ-SCV1
Misc : QBQV9052825
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 29 14:43:17 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9

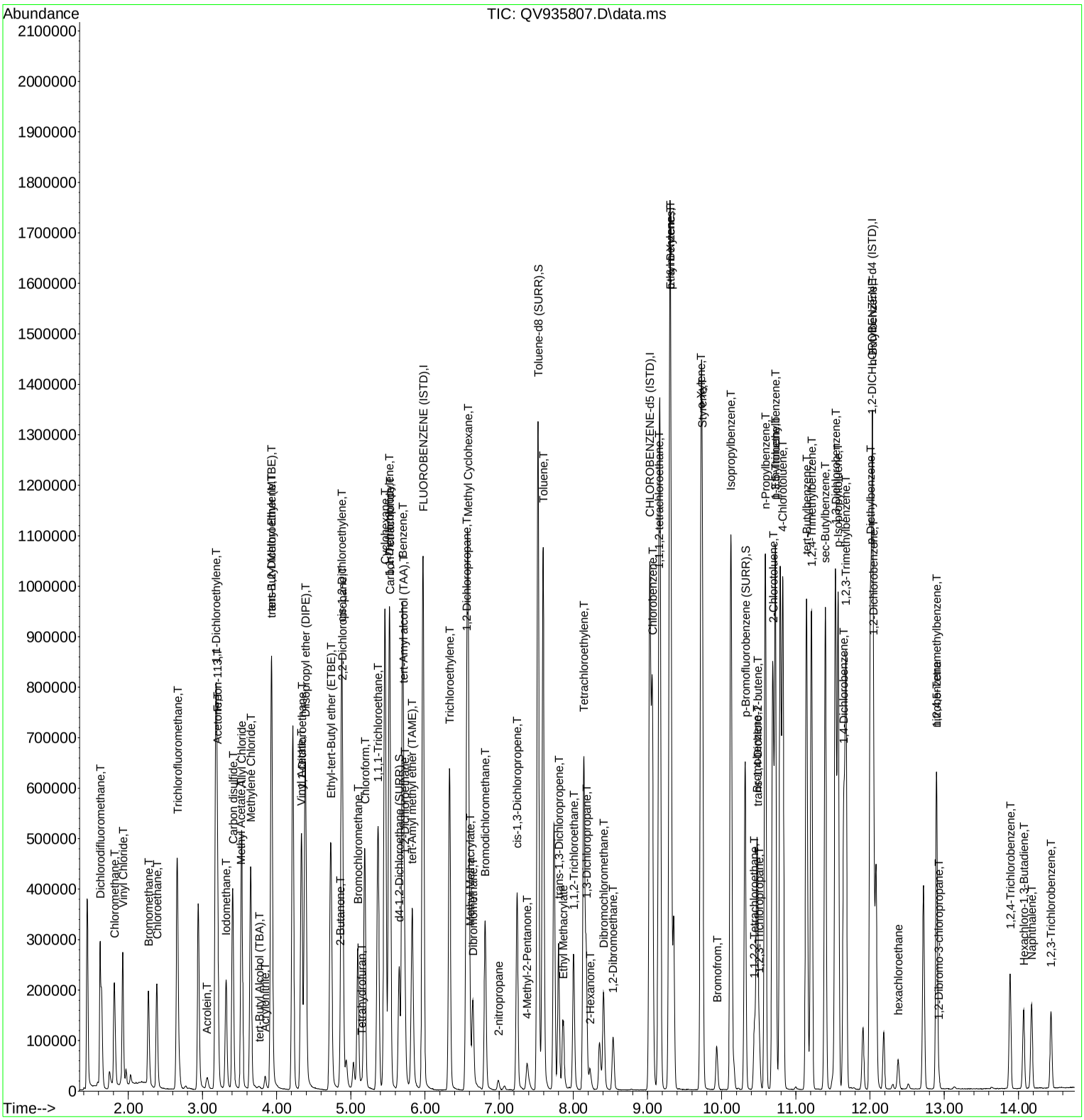
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2-nitropropane	6.989	43	19125	9.94	ppb		100
51) cis-1,3-Dichloropropene	7.242	75	252658	10.85	ppb	#	87
52) Ethyl Methacrylate	7.861	69	87326	10.44	ppb	#	52
53) 4-Methyl-2-Pentanone	7.378	43	54380	8.02	ppb		80
55) Toluene	7.593	91	847612	11.65	ppb		99
56) trans-1,3-Dichloropropene	7.803	75	184463	10.90	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	95283	11.16	ppb	#	93
58) 1,3-Dichloropropane	8.175	76	169608	11.27	ppb	#	77
59) Tetrachloroethylene	8.143	166	205037	10.68	ppb		96
60) 2-Hexanone	8.224	43	33041	9.52	ppb	#	58
61) Dibromochloromethane	8.407	129	113847	11.28	ppb		99
62) 1,2-Dibromoethane	8.535	107	82083	11.06	ppb		98
63) Chlorobenzene	9.064	112	478000	11.51	ppb	#	90
64) 1,1,1,2-tetrachloroethane	9.151	131	155407	11.72	ppb		99
65) Ethyl Benzene	9.305	91	1410365	11.87	ppb		95
66) p- & m-Xylenes	9.305	91	1410365	23.74	ppb		96
67) o-Xylene	9.721	91	683837	11.77	ppb		96
68) Styrene	9.738	104	478042	12.33	ppb		96
69) Bromofrom	9.936	173	44357	11.44	ppb		99
71) p-Ethyltoluene	10.723	105	788821	13.85	ppb	#	70
72) Isopropylbenzene	10.125	105	858540	12.02	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	71004	11.08	ppb		98
75) Bromobenzene	10.476	77	274455	11.65	ppb	#	79
76) trans-1,4-Dichloro-2-b...	10.482	89	8717	9.15	ppb		90
77) 1,2,3-Trichloropropane	10.505	110	22175	11.14	ppb	#	89
78) n-Propylbenzene	10.590	91	970200	11.98	ppb		96
79) 2-Chlorotoluene	10.691	126	179215	11.72	ppb		91
80) 4-Chlorotoluene	10.822	126	174987	11.91	ppb		81
81) 1,3,5-Trimethylbenzene	10.723	105	788821	13.85	ppb		93
82) tert-Butylbenzene	11.145	119	549455	10.64	ppb		86
83) 1,2,4-Trimethylbenzene	11.211	105	615537	11.99	ppb		96
84) sec-Butylbenzene	11.397	105	765500	11.80	ppb		97
85) hexachloroethane	12.380	117	13857	1.62	ppb		97
86) 1,3-Dichlorobenzene	11.534	146	248956	11.43	ppb	#	93
87) p-Isopropyltoluene	11.569	119	635510	11.95	ppb		96
88) 1,4-Dichlorobenzene	11.647	146	241223	11.14	ppb		93
89) 1,2,3-Trimethylbenzene	11.673	105	567080	11.36	ppb		96
90) nitrobenzene	12.897	77	34628	11.02	ppb	#	70
91) p-Diethylbenzene	12.005	105	322765	11.49	ppb		91
92) 1,2-Dichlorobenzene	12.048	146	194055	11.58	ppb	#	90
93) n-Butylbenzene	12.031	91	602757	11.55	ppb		96
94) 1,2-Dibromo-3-chloropr...	12.926	75	12746	11.07	ppb	#	71
95) 1,2,4,5-Tetramethylben...	12.897	119	388802	11.07	ppb		96
96) 1,2,4-Trichlorobenzene	13.888	180	76691	11.29	ppb		97
97) Hexachloro-1,3-Butadiene	14.071	225	36406	11.00	ppb		95
98) Naphthalene	14.178	128	148899	11.26	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	51305	11.29	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935807.D
Acq On : 29 May 2025 12:22 am
Operator : BMC
Sample : SEQ-SCV1
Misc : QBQV9052825
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 29 14:43:17 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Thu May 29 11:24:13 2025
Response via : Initial Calibration
InstName : QVOA9



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935910.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0335	Injection Date:	06/02/25
Lab Sample ID:	S5F0335-CCV1	Injection Time:	12:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	10.0	9.74	0.2071283	0.201819		-2.6	20
1,1,1-Trichloroethane	A	10.0	10.0	0.3362658	0.3376997	0.1	0.4	20
1,1,2,2-Tetrachloroethane	A	10.0	10.3	0.5286158	0.5463729	0.3	3.4	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.92	0.1915079	0.1899957	0.1	-0.8	20
1,1,2-Trichloroethane	A	10.0	10.4	0.1333532	0.1384321	0.1	3.8	20
1,1-Dichloroethane	A	10.0	10.6	0.3573267	0.3787051	0.2	6.0	20
1,1-Dichloroethylene	A	10.0	10.4	0.2864539	0.2964479	0.1	3.5	20
1,2,3-Trichlorobenzene	A	10.0	9.25	0.3749011	0.3468124		-7.5	20
1,2,3-Trichloropropane	A	10.0	10.1	0.1642625	0.1662741		1.2	20
1,2,4-Trichlorobenzene	A	10.0	8.89	0.560402	0.4981611	0.2	-11.1	20
1,2,4-Trimethylbenzene	A	10.0	9.38	4.235217	3.973073		-6.2	20
1,2-Dibromo-3-chloropropane	A	10.0	9.84	8.930797E-02	9.348144E-02	0.05	4.7	20
1,2-Dibromoethane	A	10.0	10.0	0.1159435	0.1165664	0.1	0.5	20
1,2-Dichlorobenzene	A	10.0	9.56	1.382782	1.322157	0.4	-4.4	20
1,2-Dichloroethane	A	10.0	10.9	0.1890472	0.2055747	0.1	8.7	20
1,2-Dichloropropane	A	10.0	10.4	0.2547843	0.2655167	0.1	4.2	20
1,3,5-Trimethylbenzene	A	10.0	9.30	4.699946	4.372129		-7.0	20
1,3-Dichlorobenzene	A	10.0	9.29	1.797236	1.670376	0.6	-7.1	20
1,4-Dichlorobenzene	A	10.0	9.21	1.785487	1.64505	0.5	-7.9	20
1,4-Dioxane	A	200	0.00					20
2-Butanone	A	10.0	11.3	2.188375E-02	2.503713E-02	0.1	14.4	20
2-Hexanone	A	10.0	9.59	5.420411E-02	5.200444E-02	0.1	-4.1	20
4-Methyl-2-pentanone	A	10.0	11.5	0.1060001	0.1216526	0.1	14.8	20
Acetone	A	10.0	9.92	2.340481E-02	1.925895E-02	0.1	-0.8	20
Acrolein	A	10.0	11.2	0.0160456	1.797643E-02		12.0	20
Acrylonitrile	A	10.0	10.9	2.092175E-02	2.355442E-02		12.6	20
Benzene	A	10.0	10.6	0.7223322	0.7641768	0.5	5.8	20
Bromochloromethane	A	10.0	10.6	0.1334251	0.1419121		6.4	20
Bromodichloromethane	A	10.0	9.99	0.3231942	0.3228832	0.2	-0.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935910.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0335	Injection Date:	06/02/25
Lab Sample ID:	S5F0335-CCV1	Injection Time:	12:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	10.0	10.3	6.055779E-02	6.225969E-02	0.1	2.8	20	
Bromomethane	A	10.0	6.29	0.1345341	6.843858E-02	0.1	-37.1	20	*
Carbon disulfide	A	10.0	9.90	0.4612885	0.4566542	0.1	-1.0	20	
Carbon tetrachloride	A	10.0	10.0	0.2784799	0.2791809	0.1	0.3	20	
Chlorobenzene	A	10.0	9.77	0.648699	0.6335968	0.5	-2.3	20	
Chloroethane	A	10.0	9.10	0.1917005	0.1371449	0.1	-9.0	20	
Chloroform	A	10.0	10.4	0.3320247	0.3435592	0.2	3.5	20	
Chloromethane	A	10.0	8.65	0.282691	0.1800646	0.1	-13.5	20	
cis-1,2-Dichloroethylene	A	10.0	10.6	0.3109536	0.3306703	0.1	6.3	20	
cis-1,3-Dichloropropylene	A	10.0	10.2	0.3639837	0.3700496	0.2	1.7	20	
Cyclohexane	A	10.0	10.5	0.8870052	0.9300111	0.1	4.8	20	
Dibromochloromethane	A	10.0	9.76	0.1577456	0.153895	0.1	-2.4	20	
Dibromomethane	A	10.0	10.6	9.351777E-02	9.962138E-02		6.5	20	
Dichlorodifluoromethane	A	10.0	8.07	0.2390135	0.1785219	0.1	-19.3	20	
Ethyl Benzene	A	10.0	10.0	1.856759	1.860842	0.1	0.2	20	
Hexachlorobutadiene	A	10.0	8.60	0.2729275	0.2346161		-14.0	20	
Isopropylbenzene	A	10.0	9.52	5.892239	5.608002	0.1	-4.8	20	
Methyl acetate	A	10.0	12.6	4.295144E-02	5.401188E-02	0.1	25.8	20	*
Methyl tert-butyl ether (MTBE)	A	10.0	10.9	0.2902414	0.3176137	0.1	9.4	20	
Methylcyclohexane	A	10.0	10.1	0.5364577	0.5426144	0.1	1.1	20	
Methylene chloride	A	10.0	10.2	0.2435341	0.2489687	0.1	2.2	20	
n-Butylbenzene	A	10.0	9.46	4.306687	4.074869		-5.4	20	
n-Propylbenzene	A	10.0	9.76	6.681415	6.52331		-2.4	20	
o-Xylene	A	10.0	10.1	0.9078898	0.9158911	0.3	0.9	20	
p- & m- Xylenes	A	20.0	20.0	0.9283793	0.9304208	0.1	0.2	20	
p-Isopropyltoluene	A	10.0	9.44	4.386834	4.139282		-5.6	20	
sec-Butylbenzene	A	10.0	9.50	5.353574	5.086899		-5.0	20	
Styrene	A	10.0	9.81	0.6059484	0.5944312	0.3	-1.9	20	
tert-Butyl alcohol (TBA)	A	10.0	20.5	3.582909E-03	6.625268E-03		105	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935910.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0335	Injection Date:	06/02/25
Lab Sample ID:	S5F0335-CCV1	Injection Time:	12:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	9.58	4.258868	4.08147		-4.2	20
Tetrachloroethylene	A	10.0	8.72	0.2999843	0.2617102	0.2	-12.8	20
Toluene	A	10.0	9.83	1.136965	1.117089	0.4	-1.7	20
trans-1,2-Dichloroethylene	A	10.0	10.4	0.2816937	0.2928005	0.1	3.9	20
trans-1,3-Dichloropropylene	A	10.0	10.2	0.2643779	0.2707408	0.1	2.4	20
trans-1,4-dichloro-2-butene	A	10.0	8.79	7.071145E-02	6.905895E-02		-12.1	20
Trichloroethylene	A	10.0	9.64	0.3011195	0.2904128	0.2	-3.6	20
Trichlorofluoromethane	A	10.0	9.10	0.4196917	0.3203389	0.1	-9.0	20
Vinyl Chloride	A	10.0	9.35	0.2561998	0.1838534	0.1	-6.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935910.D
Acq On : 2 Jun 2025 12:52 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060225
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 02 14:03:51 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	799213	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.029	117	543819	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	107401	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	156350	10.92	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 109.20%				
54) Toluene-d8 (SURR)	7.521	98	768509	9.77	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 97.70%				
73) p-Bromofluorobenzene (...	10.313	95	234835	9.77	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 97.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.622	85	142677	8.07	ppb		95
3) Chloromethane	1.822	50	143910	8.65	ppb		98
4) Vinyl Chloride	1.927	62	146938	9.35	ppb		99
5) Bromomethane	2.273	94	54697	6.29	ppb		99
6) Allyl Chloride	3.528	41	264218	10.39	ppb	#	72
7) Chloroethane	2.386	64	109608	9.10	ppb		95
8) Trichlorofluoromethane	2.659	101	256019	9.10	ppb		99
9) Ethanol	2.944	45	65874	555.68	ppb		100
10) Freon-113	3.197	101	151847	9.92	ppb		86
11) 1,1-Dichloroethylene	3.179	61	236925	10.35	ppb		80
12) Acrolein	3.057	56	14367	11.16	ppb	#	75
13) Acetone	3.200	43	15392	9.92	ppb		86
14) Iodomethane	3.319	142	94338	5.46	ppb		94
15) Methyl Acetate	3.516	43	43167	12.58	ppb		77
16) Carbon disulfide	3.409	76	364964	9.90	ppb	#	91
17) tert-Butyl Alcohol (TBA)	3.769	59	5295	20.47	ppb	#	34
18) Methylene Chloride	3.650	49	198979	10.22	ppb	#	65
19) Acrylonitrile	3.848	53	18825	10.93	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	234010	10.39	ppb		79
21) tert-Butyl Methyl Ethe...	3.932	73	253841	10.94	ppb	#	80
22) 1,1-Dichloroethane	4.336	63	302666	10.60	ppb		96
23) Vinyl Acetate	4.330	43	173740	12.07	ppb		82
24) Diisopropyl ether (DIPE)	4.385	45	507660	10.89	ppb		83
25) Ethyl-tert-Butyl ether...	4.728	59	388728	10.56	ppb		88
26) cis-1,2-Dichloroethylene	4.876	61	264276	10.63	ppb		79
27) 2-Butanone	4.853	43	20010	11.26	ppb		75
28) 2,2-Dichloropropane	4.888	77	262396	10.52	ppb	#	84
29) Tetrahydrofuran	5.141	42	14941	13.52	ppb	#	64
30) Bromochloromethane	5.094	49	113418	10.64	ppb	#	60
31) Chloroform	5.187	83	274577	10.35	ppb	#	95
32) 1,1,1-Trichloroethane	5.364	97	269894	10.04	ppb		94
33) Cyclohexane	5.466	56	743277	10.48	ppb	#	81
34) 1,1-Dichloropropylene	5.516	75	218111	10.76	ppb	#	85
36) Carbon Tetrachloride	5.527	117	223125	10.03	ppb		98
37) tert-Amyl alcohol (TAA)	5.702	59	25031	169.79	ppb		85
38) 1,2-Dichloroethane	5.725	62	164298	10.87	ppb		92
39) Benzene	5.699	78	610740	10.58	ppb	#	86
40) tert-Amyl methyl ether...	5.827	73	260258	10.81	ppb	#	84
42) Trichloroethylene	6.329	95	157932	9.64	ppb		90
43) Methyl Cyclohexane	6.579	83	295084	10.11	ppb	#	74
44) Methyl Methacrylate	6.605	100	15748	10.11	ppb	#	1
45) Dibromomethane	6.646	93	54176	10.65	ppb	#	87
46) Bromodichloromethane	6.812	83	175590	9.99	ppb	#	95

Data Path : C:\msdchem\1\data\060225\
Data File : QV935910.D
Acq On : 2 Jun 2025 12:52 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060225
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 02 14:03:51 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

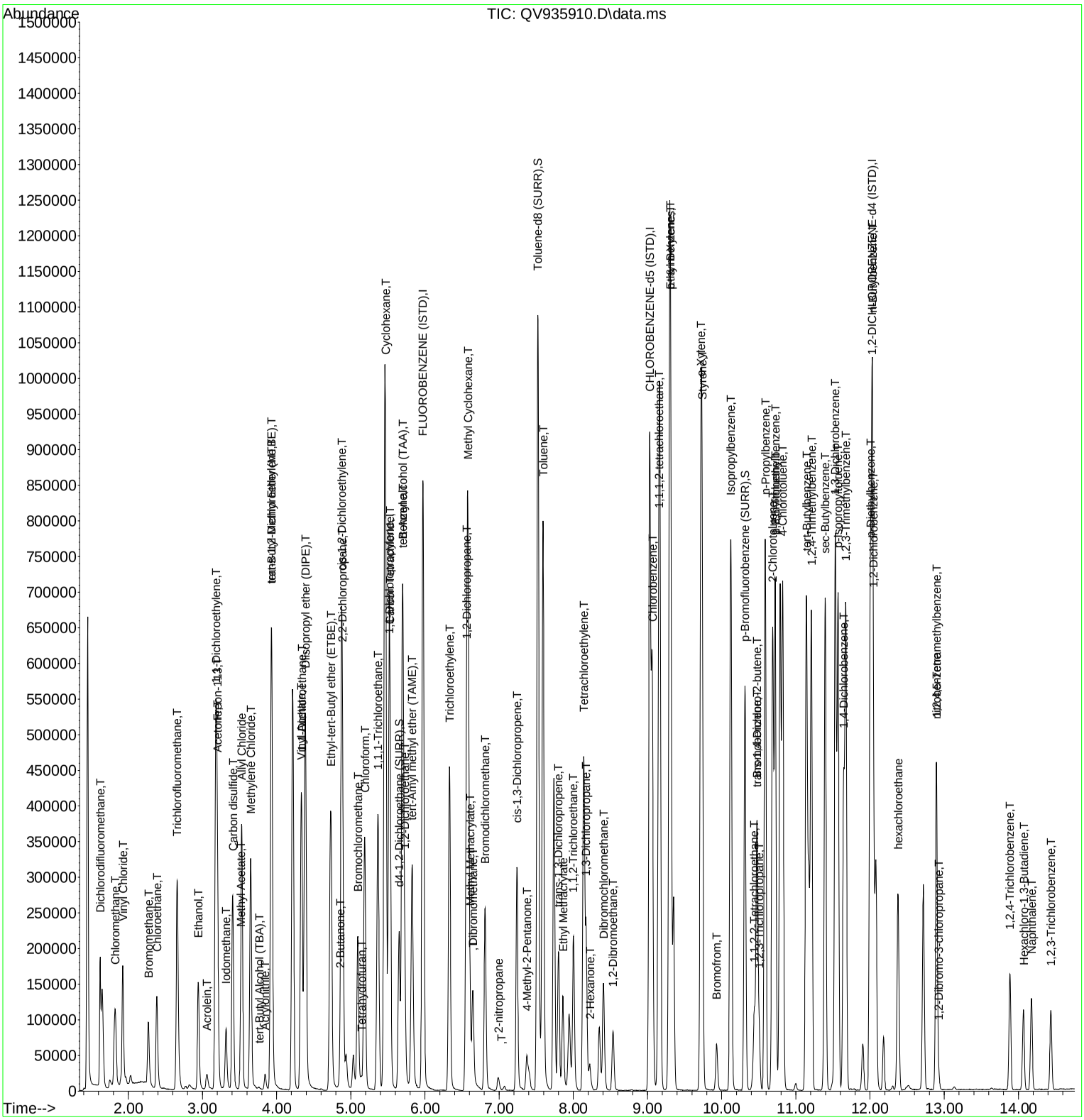
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	144393	10.42	ppb		97
48)	6.649	88	4242	56.58	ppb	#	77
49)	7.024	63	31	3.35	ppb	#	55
50) 2-nitropropane	6.989	43	17098	10.46	ppb		99
51) cis-1,3-Dichloropropene	7.239	75	201240	10.17	ppb		94
52) Ethyl Methacrylate	7.858	69	75391	10.61	ppb	#	50
53) 4-Methyl-2-Pentanone	7.375	43	66157	11.48	ppb	#	68
55) Toluene	7.590	91	607494	9.83	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	147234	10.24	ppb		99
57) 1,1,2-Trichloroethane	8.000	97	75282	10.38	ppb	#	92
58) 1,3-Dichloropropane	8.172	76	134559	10.52	ppb	#	72
59) Tetrachloroethylene	8.140	166	142323	8.72	ppb		94
60) 2-Hexanone	8.221	43	28281	9.59	ppb	#	56
61) Dibromochloromethane	8.407	129	83691	9.76	ppb		97
62) 1,2-Dibromoethane	8.535	107	63391	10.05	ppb		99
63) Chlorobenzene	9.064	112	344562	9.77	ppb	#	87
64) 1,1,1,2-tetrachloroethane	9.151	131	109753	9.74	ppb		99
65) Ethyl Benzene	9.305	91	1011961	10.02	ppb		95
66) p- & m-Xylenes	9.305	91	1011961	20.04	ppb		95
67) o-Xylene	9.721	91	498079	10.09	ppb		96
68) Styrene	9.735	104	323263	9.81	ppb		91
69) Bromofrom	9.933	173	33858	10.28	ppb		94
71) p-Ethyltoluene	10.723	105	469571	9.30	ppb	#	54
72) Isopropylbenzene	10.124	105	602305	9.52	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	58681	10.34	ppb		99
75) Bromobenzene	10.473	77	202015	9.68	ppb	#	76
76) trans-1,4-Dichloro-2-b...	10.479	89	7417	8.79	ppb		89
77) 1,2,3-Trichloropropane	10.505	110	17858	10.12	ppb	#	87
78) n-Propylbenzene	10.587	91	700610	9.76	ppb		95
79) 2-Chlorotoluene	10.688	126	127020	9.38	ppb	#	77
80) 4-Chlorotoluene	10.822	126	120507	9.26	ppb	#	76
81) 1,3,5-Trimethylbenzene	10.723	105	469571	9.30	ppb	#	42
82) tert-Butylbenzene	11.142	119	438354	9.58	ppb		92
83) 1,2,4-Trimethylbenzene	11.208	105	426712	9.38	ppb		96
84) sec-Butylbenzene	11.394	105	546338	9.50	ppb		96
85) hexachloroethane	12.377	117	68660	9.08	ppb		99
86) 1,3-Dichlorobenzene	11.531	146	179400	9.29	ppb	#	92
87) p-Isopropyltoluene	11.569	119	444563	9.44	ppb		95
88) 1,4-Dichlorobenzene	11.644	146	176680	9.21	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	440107	9.95	ppb		95
90) nitrobenzene	12.894	77	25844	9.28	ppb	#	68
91) p-Diethylbenzene	12.002	105	234798	9.43	ppb		89
92) 1,2-Dichlorobenzene	12.045	146	142001	9.56	ppb	#	88
93) n-Butylbenzene	12.031	91	437645	9.46	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.926	75	10040	9.84	ppb	#	71
95) 1,2,4,5-Tetramethylben...	12.897	119	276776	8.89	ppb		95
96) 1,2,4-Trichlorobenzene	13.885	180	53503	8.89	ppb	#	96
97) Hexachloro-1,3-Butadiene	14.068	225	25198	8.60	ppb		95
98) Naphthalene	14.175	128	112914	9.64	ppb		99
99) 1,2,3-Trichlorobenzene	14.437	180	37248	9.25	ppb	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935910.D
Acq On : 2 Jun 2025 12:52 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060225
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 02 14:03:51 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.61	0.2071283	0.1989959		-3.9	20	
1,1,1-Trichloroethane	A	10.0	9.58	0.3362658	0.3221296	0.1	-4.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.86	0.5286158	0.521108	0.3	-1.4	20	
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	10.0	9.65	0.1915079	0.1847356	0.1	-3.5	20	
1,1,2-Trichloroethane	A	10.0	10.5	0.1333532	0.1403424	0.1	5.2	20	
1,1-Dichloroethane	A	10.0	10.3	0.3573267	0.3671106	0.2	2.7	20	
1,1-Dichloroethylene	A	10.0	9.86	0.2864539	0.2825599	0.1	-1.4	20	
1,2,3-Trichlorobenzene	A	10.0	8.72	0.3749011	0.3268806		-12.8	20	
1,2,3-Trichloropropane	A	10.0	9.78	0.1642625	0.1607106		-2.2	20	
1,2,4-Trichlorobenzene	A	10.0	8.02	0.560402	0.4493489	0.2	-19.8	20	
1,2,4-Trimethylbenzene	A	10.0	8.45	4.235217	3.578512		-15.5	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.15	8.930797E-02	8.698259E-02	0.05	-2.6	20	
1,2-Dibromoethane	A	10.0	10.2	0.1159435	0.1180341	0.1	1.8	20	
1,2-Dichlorobenzene	A	10.0	8.87	1.382782	1.226724	0.4	-11.3	20	
1,2-Dichloroethane	A	10.0	11.0	0.1890472	0.2086314	0.1	10.4	20	
1,2-Dichloropropane	A	10.0	10.5	0.2547843	0.2669053	0.1	4.8	20	
1,3,5-Trimethylbenzene	A	10.0	8.43	4.699946	3.962814		-15.7	20	
1,3-Dichlorobenzene	A	10.0	8.55	1.797236	1.53745	0.6	-14.5	20	
1,4-Dichlorobenzene	A	10.0	8.51	1.785487	1.519318	0.5	-14.9	20	
1,4-Dioxane	A	200	0.00					20	
2-Butanone	A	10.0	12.6	2.188375E-02	2.808977E-02	0.1	28.4	20	*
2-Hexanone	A	10.0	10.8	5.420411E-02	5.860124E-02	0.1	8.1	20	
4-Methyl-2-pentanone	A	10.0	12.1	0.1060001	0.1286458	0.1	21.4	20	*
Acetone	A	10.0	11.0	2.340481E-02	2.137998E-02	0.1	10.3	20	
Acrolein	A	10.0	11.4	0.0160456	1.831982E-02		14.2	20	
Acrylonitrile	A	10.0	11.8	2.092175E-02	2.551419E-02		22.0	20	*
Benzene	A	10.0	10.4	0.7223322	0.751625	0.5	4.1	20	
Bromochloromethane	A	10.0	10.9	0.1334251	0.1449973		8.7	20	
Bromodichloromethane	A	10.0	9.86	0.3231942	0.3185288	0.2	-1.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	10.0	7.01	6.055779E-02	4.243905E-02	0.1	-29.9	20 *
Bromomethane	A	10.0	6.47	0.1345341	7.037179E-02	0.1	-35.3	20 *
Carbon disulfide	A	10.0	9.34	0.4612885	0.4308005	0.1	-6.6	20
Carbon tetrachloride	A	10.0	9.56	0.2784799	0.26612	0.1	-4.4	20
Chlorobenzene	A	10.0	9.55	0.648699	0.6193037	0.5	-4.5	20
Chloroethane	A	10.0	8.80	0.1917005	0.1326292	0.1	-12.0	20
Chloroform	A	10.0	10.2	0.3320247	0.3375618	0.2	1.7	20
Chloromethane	A	10.0	8.18	0.282691	0.1703813	0.1	-18.2	20
cis-1,2-Dichloroethylene	A	10.0	10.4	0.3109536	0.3229182	0.1	3.8	20
cis-1,3-Dichloropropylene	A	10.0	9.81	0.3639837	0.3570187	0.2	-1.9	20
Cyclohexane	A	10.0	10.0	0.8870052	0.8896908	0.1	0.3	20
Dibromochloromethane	A	10.0	9.78	0.1577456	0.1542651	0.1	-2.2	20
Dibromomethane	A	10.0	10.5	9.351777E-02	9.784343E-02		4.6	20
Dichlorodifluoromethane	A	10.0	7.21	0.2390135	0.159613	0.1	-27.9	20 *
Ethyl Benzene	A	10.0	9.78	1.856759	1.816518	0.1	-2.2	20
Hexachlorobutadiene	A	10.0	7.24	0.2729275	0.1974672		-27.6	20 *
Isopropylbenzene	A	10.0	8.70	5.892239	5.125619	0.1	-13.0	20
Methyl acetate	A	10.0	13.3	4.295144E-02	5.695752E-02	0.1	32.6	20 *
Methyl tert-butyl ether (MTBE)	A	10.0	11.3	0.2902414	0.329146	0.1	13.4	20
Methylcyclohexane	A	10.0	10.1	0.5364577	0.5400632	0.1	0.7	20
Methylene chloride	A	10.0	10.3	0.2435341	0.2497743	0.1	2.6	20
n-Butylbenzene	A	10.0	8.70	4.306687	3.744708		-13.0	20
n-Propylbenzene	A	10.0	8.79	6.681415	5.875903		-12.1	20
o-Xylene	A	10.0	9.83	0.9078898	0.8926511	0.3	-1.7	20
p- & m- Xylenes	A	20.0	19.6	0.9283793	0.9082592	0.1	-2.2	20
p-Isopropyltoluene	A	10.0	8.60	4.386834	3.772712		-14.0	20
sec-Butylbenzene	A	10.0	8.63	5.353574	4.622616		-13.7	20
Styrene	A	10.0	9.79	0.6059484	0.5933692	0.3	-2.1	20
tert-Butyl alcohol (TBA)	A	10.0	23.2	3.582909E-03	7.503704E-03		132	20 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25E1596
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn
Instrument ID:	QVOA9	Calibration:	SE50045
Lab File ID:	QV935932.D	Calibration Date:	05/28/25 17:54
Sequence:	S5F0337	Injection Date:	06/03/25
Lab Sample ID:	S5F0337-CCV1	Injection Time:	12:03

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
tert-Butylbenzene	A	10.0	8.65	4.258868	3.686043		-13.5	20
Tetrachloroethylene	A	10.0	8.37	0.2999843	0.2510294	0.2	-16.3	20
Toluene	A	10.0	9.62	1.136965	1.093455	0.4	-3.8	20
trans-1,2-Dichloroethylene	A	10.0	10.1	0.2816937	0.2848752	0.1	1.1	20
trans-1,3-Dichloropropylene	A	10.0	9.93	0.2643779	0.2624456	0.1	-0.7	20
trans-1,4-dichloro-2-butene	A	10.0	8.22	7.071145E-02	6.448293E-02		-17.8	20
Trichloroethylene	A	10.0	9.28	0.3011195	0.2793098	0.2	-7.2	20
Trichlorofluoromethane	A	10.0	8.41	0.4196917	0.2964521	0.1	-15.9	20
Vinyl Chloride	A	10.0	8.75	0.2561998	0.1720249	0.1	-12.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935932.D
Acq On : 3 Jun 2025 12:03 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060325
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 12:24:34 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	753228	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	517071	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	111735	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	151977	11.26	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 112.60%				
54) Toluene-d8 (SURR)	7.524	98	739403	9.89	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 98.90%				
73) p-Bromofluorobenzene (...	10.313	95	230678	9.23	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 92.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.621	85	120225	7.21	ppb		96
3) Chloromethane	1.825	50	128336	8.18	ppb		98
4) Vinyl Chloride	1.927	62	129574	8.75	ppb		98
5) Bromomethane	2.270	94	53006	6.47	ppb		99
6) Allyl Chloride	3.531	41	239717	10.00	ppb	#	55
7) Chloroethane	2.386	64	99900	8.80	ppb		96
8) Trichlorofluoromethane	2.659	101	223296	8.41	ppb		99
9) Ethanol	2.944	45	67000	599.68	ppb		99
10) Freon-113	3.197	101	139148	9.65	ppb		84
11) 1,1-Dichloroethylene	3.179	61	212832	9.86	ppb		80
12) Acrolein	3.054	56	13799	11.38	ppb	#	77
13) Acetone	3.199	43	16104	11.03	ppb		75
14) Iodomethane	3.319	142	89466	5.50	ppb		95
15) Methyl Acetate	3.516	43	42902	13.26	ppb		78
16) Carbon disulfide	3.409	76	324491	9.34	ppb	#	91
17) tert-Butyl Alcohol (TBA)	3.757	59	5652	23.18	ppb	#	42
18) Methylene Chloride	3.650	49	188137	10.26	ppb	#	64
19) Acrylonitrile	3.845	53	19218	11.83	ppb		97
20) trans-1,2-Dichloroethy...	3.932	61	214576	10.11	ppb		78
21) tert-Butyl Methyl Ethe...	3.932	73	247922	11.34	ppb	#	78
22) 1,1-Dichloroethane	4.336	63	276518	10.27	ppb		95
23) Vinyl Acetate	4.330	43	169184	12.47	ppb		81
24) Diisopropyl ether (DIPE)	4.388	45	487372	11.09	ppb	#	83
25) Ethyl-tert-Butyl ether...	4.728	59	377313	10.87	ppb		88
26) cis-1,2-Dichloroethylene	4.876	61	243231	10.38	ppb		79
27) 2-Butanone	4.847	43	21158	12.63	ppb		73
28) 2,2-Dichloropropane	4.888	77	234675	9.98	ppb	#	81
29) Tetrahydrofuran	5.141	42	15057	14.46	ppb	#	63
30) Bromochloromethane	5.094	49	109216	10.87	ppb	#	59
31) Chloroform	5.187	83	254261	10.17	ppb	#	93
32) 1,1,1-Trichloroethane	5.367	97	242637	9.58	ppb		93
33) Cyclohexane	5.466	56	670140	10.03	ppb		81
34) 1,1-Dichloropropylene	5.518	75	190251	9.96	ppb	#	86
36) Carbon Tetrachloride	5.527	117	200449	9.56	ppb		99
37) tert-Amyl alcohol (TAA)	5.699	59	26778	192.73	ppb	#	82
38) 1,2-Dichloroethane	5.725	62	157147	11.04	ppb		92
39) Benzene	5.699	78	566145	10.41	ppb	#	85
40) tert-Amyl methyl ether...	5.826	73	255896	11.28	ppb	#	83
42) Trichloroethylene	6.329	95	144423	9.28	ppb		89
43) Methyl Cyclohexane	6.579	83	279251	10.07	ppb	#	73
44) Methyl Methacrylate	6.605	100	14011	9.46	ppb	#	1
45) Dibromomethane	6.646	93	50592	10.46	ppb	#	85
46) Bromodichloromethane	6.812	83	164702	9.86	ppb	#	95

Data Path : C:\msdchem\1\data\060325\
Data File : QV935932.D
Acq On : 3 Jun 2025 12:03 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060325
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 12:24:34 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

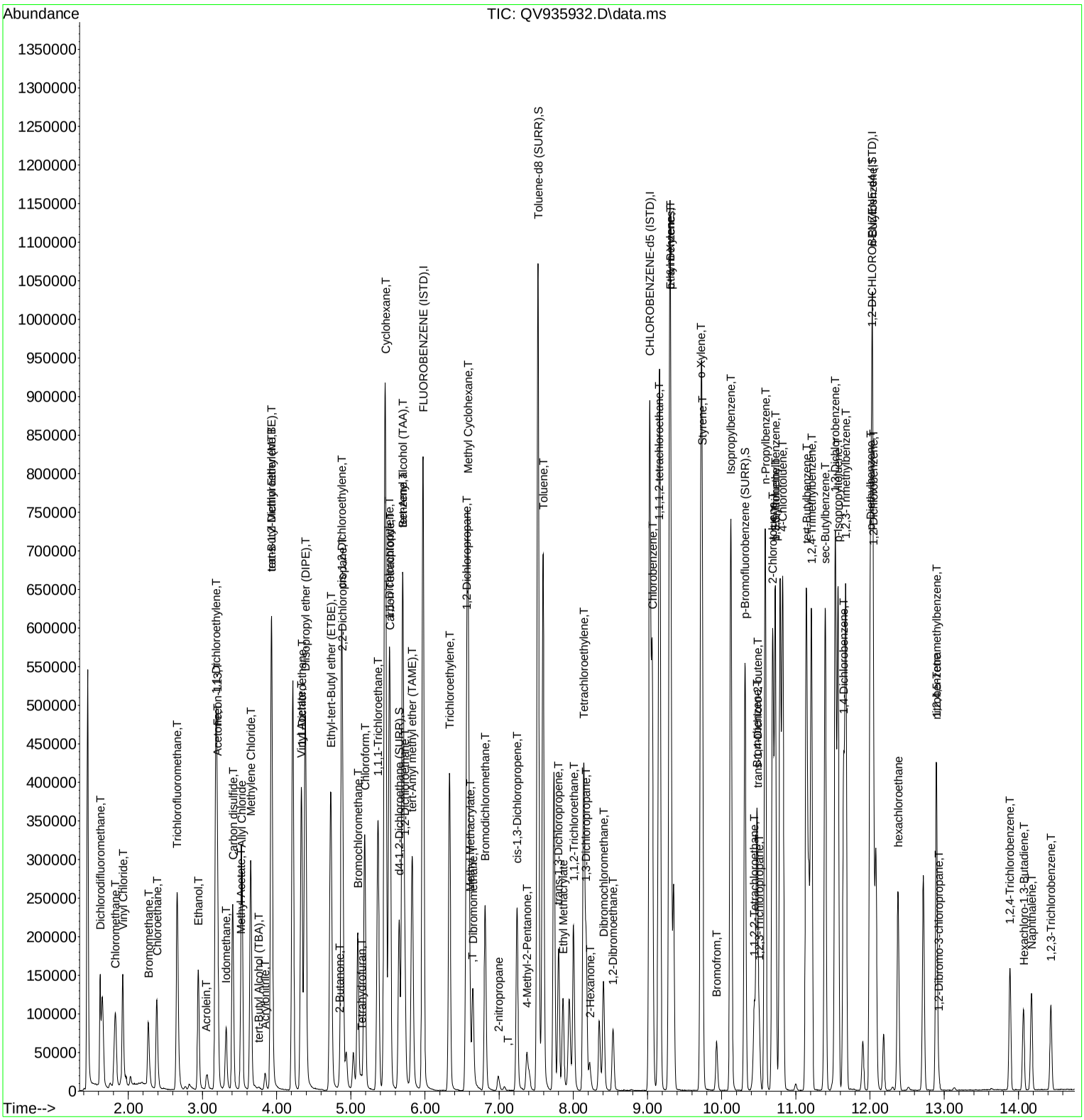
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.562	63	138009	10.48	ppb		95
48)	6.637	88	3744	52.52	ppb	#	81
49)	7.120	63	158	17.93	ppb	#	46
50) 2-nitropropane	6.989	43	16362	10.53	ppb		91
51) cis-1,3-Dichloropropene	7.242	75	184604	9.81	ppb	#	80
52) Ethyl Methacrylate	7.861	69	74357	11.01	ppb	#	45
53) 4-Methyl-2-Pentanone	7.375	43	66519	12.14	ppb	#	67
55) Toluene	7.593	91	565394	9.62	ppb		99
56) trans-1,3-Dichloropropene	7.800	75	135703	9.93	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	72567	10.52	ppb	#	91
58) 1,3-Dichloropropane	8.172	76	129826	10.67	ppb	#	69
59) Tetrachloroethylene	8.140	166	129800	8.37	ppb		94
60) 2-Hexanone	8.221	43	30301	10.81	ppb		65
61) Dibromochloromethane	8.407	129	79766	9.78	ppb		98
62) 1,2-Dibromoethane	8.535	107	61032	10.18	ppb		99
63) Chlorobenzene	9.064	112	320224	9.55	ppb	#	86
64) 1,1,1,2-tetrachloroethane	9.151	131	102895	9.61	ppb		97
65) Ethyl Benzene	9.305	91	939269	9.78	ppb		95
66) p- & m-Xylenes	9.305	91	939269	19.57	ppb		95
67) o-Xylene	9.720	91	461564	9.83	ppb		96
68) Styrene	9.738	104	306814	9.79	ppb		93
69) Bromofrom	9.933	173	21944	7.01	ppb	#	74
71) p-Ethyltoluene	10.723	105	442785	8.43	ppb	#	54
72) Isopropylbenzene	10.124	105	572711	8.70	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	58226	9.86	ppb		98
75) Bromobenzene	10.473	77	195504	9.00	ppb	#	75
76) trans-1,4-Dichloro-2-b...	10.482	89	7205	8.22	ppb		86
77) 1,2,3-Trichloropropane	10.505	110	17957	9.78	ppb	#	89
78) n-Propylbenzene	10.586	91	656544	8.79	ppb		95
79) 2-Chlorotoluene	10.688	126	118494	8.41	ppb	#	75
80) 4-Chlorotoluene	10.822	126	115434	8.52	ppb		86
81) 1,3,5-Trimethylbenzene	10.723	105	442785	8.43	ppb	#	42
82) tert-Butylbenzene	11.141	119	411860	8.65	ppb		92
83) 1,2,4-Trimethylbenzene	11.208	105	399845	8.45	ppb		96
84) sec-Butylbenzene	11.394	105	516508	8.63	ppb		96
85) hexachloroethane	12.377	117	63801	8.11	ppb	#	66
86) 1,3-Dichlorobenzene	11.531	146	171787	8.55	ppb	#	92
87) p-Isopropyltoluene	11.569	119	421544	8.60	ppb		95
88) 1,4-Dichlorobenzene	11.644	146	169761	8.51	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.670	105	413609	8.99	ppb		96
90) nitrobenzene	12.897	77	24352	8.41	ppb	#	65
91) p-Diethylbenzene	12.002	105	220483	8.51	ppb		89
92) 1,2-Dichlorobenzene	12.045	146	137068	8.87	ppb	#	88
93) n-Butylbenzene	12.031	91	418415	8.70	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.923	75	9719	9.15	ppb	#	71
95) 1,2,4,5-Tetramethylben...	12.894	119	264041	8.15	ppb		96
96) 1,2,4-Trichlorobenzene	13.885	180	50208	8.02	ppb	#	95
97) Hexachloro-1,3-Butadiene	14.068	225	22064	7.24	ppb	#	83
98) Naphthalene	14.178	128	111059	9.11	ppb		99
99) 1,2,3-Trichlorobenzene	14.440	180	36524	8.72	ppb	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935932.D
Acq On : 3 Jun 2025 12:03 pm
Operator : AC
Sample : SEQ-CCV1
Misc : QBQV9060325
ALS Vial : 2 Sample Multiplier: 1

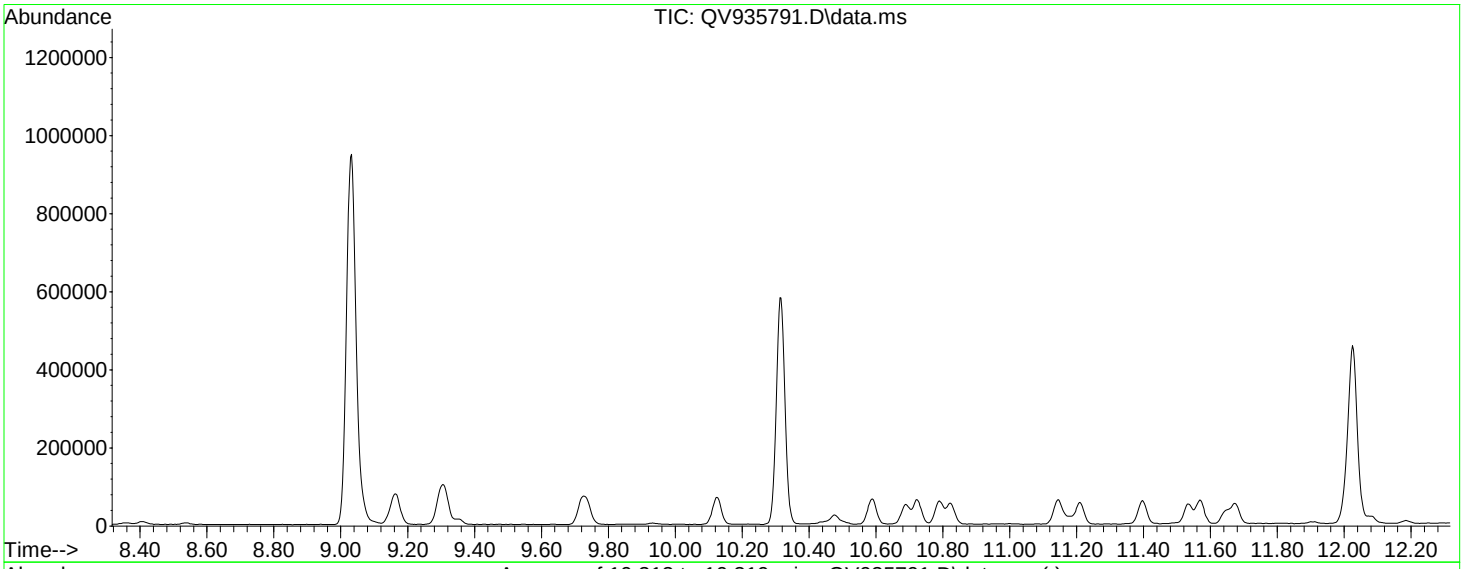
Quant Time: Jun 03 12:24:34 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

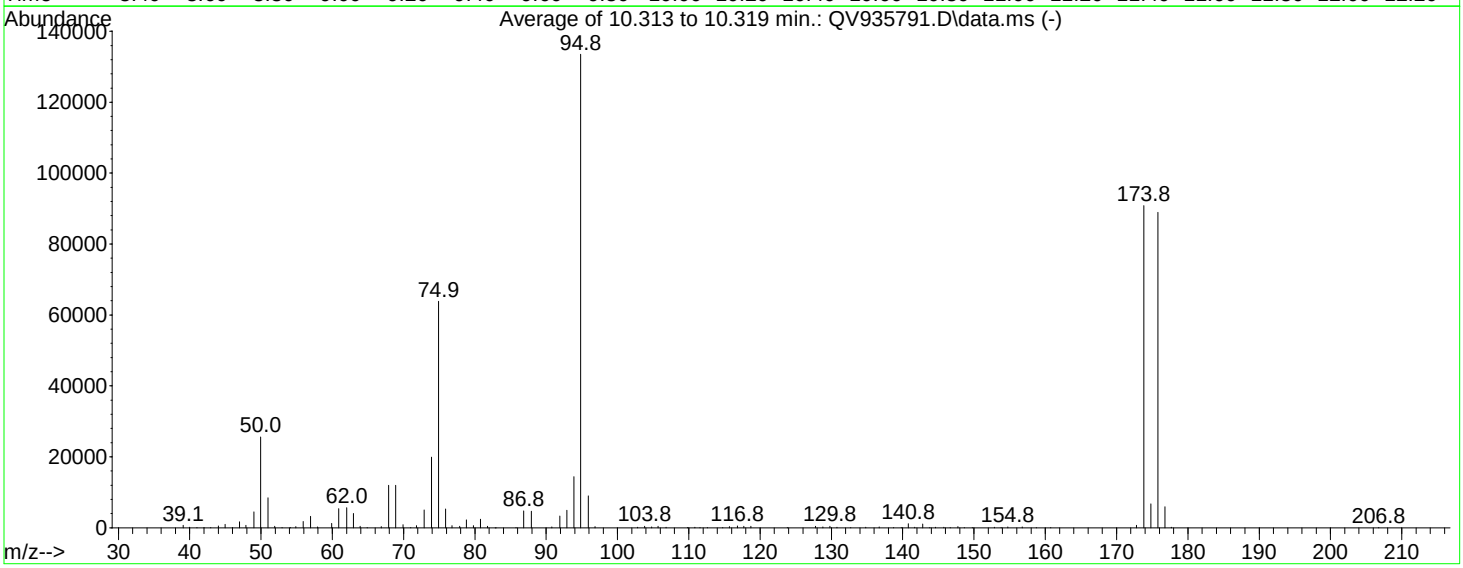


Data Path : C:\msdchem\1\data\052825-ICAL\
Data File : QV935791.D
Acq On : 28 May 2025 5:54 pm
Operator : BMC
Sample : SEQ-TUN1
Misc : QBQV9052825
ALS Vial : 14 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Title : Volatile Organics EPA 8260D-Water
Last Update : Fri May 30 06:45:19 2025
InstName : QVOA9





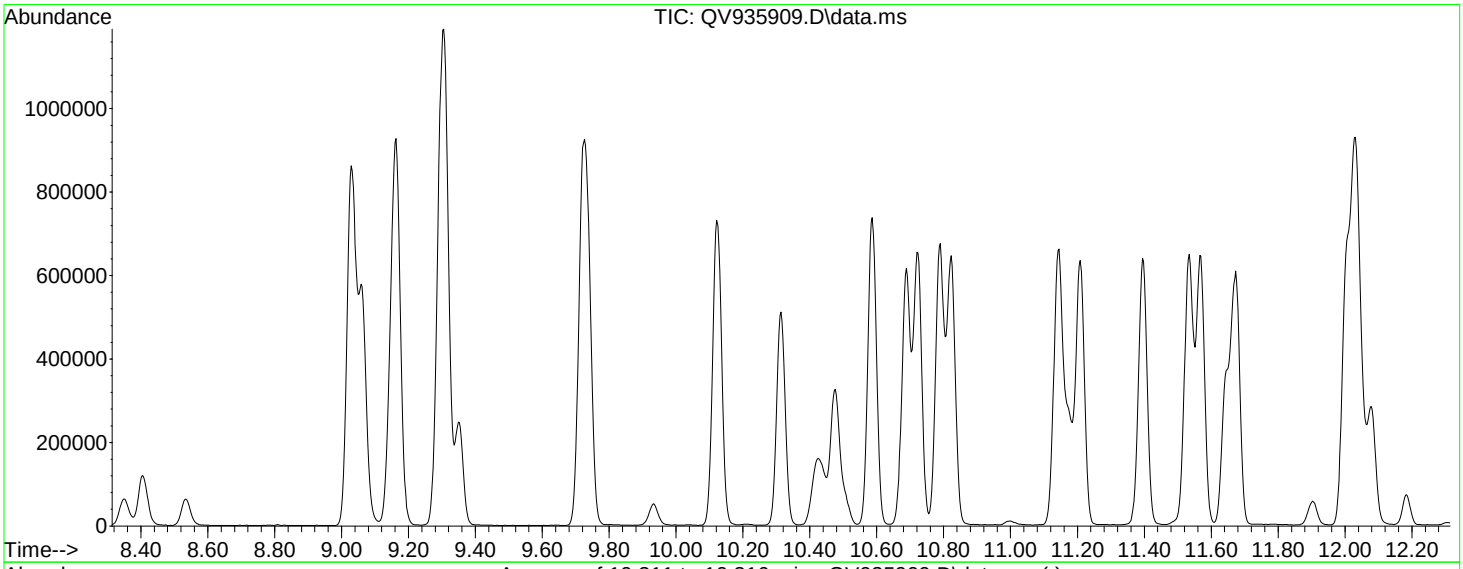
Spectrum Information: Average of 10.313 to 10.319 min.

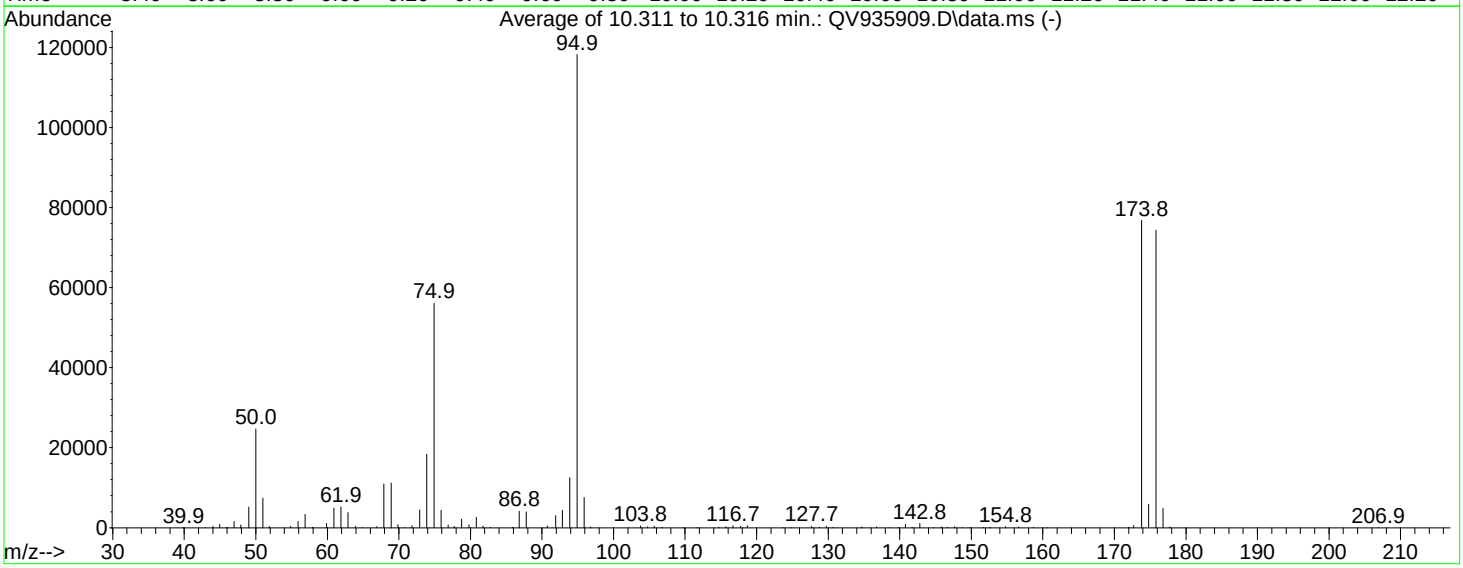
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	133482	PASS
96	95	5	9	6.7	9005	PASS
173	174	0.00	2	0.7	647	PASS
174	95	50	100	68.0	90829	PASS
175	174	5	9	7.4	6735	PASS
176	174	95	101	97.9	88949	PASS
177	176	5	9	6.6	5887	PASS

Data Path : C:\msdchem\1\data\060225\
Data File : QV935909.D
Acq On : 2 Jun 2025 12:28 pm
Operator : AC
Sample : SEQ-TUN1
Misc : QBQV9060225
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Title : Volatile Organics EPA 8260D-Water
Last Update : Fri May 30 06:45:19 2025
InstName : QVOA9





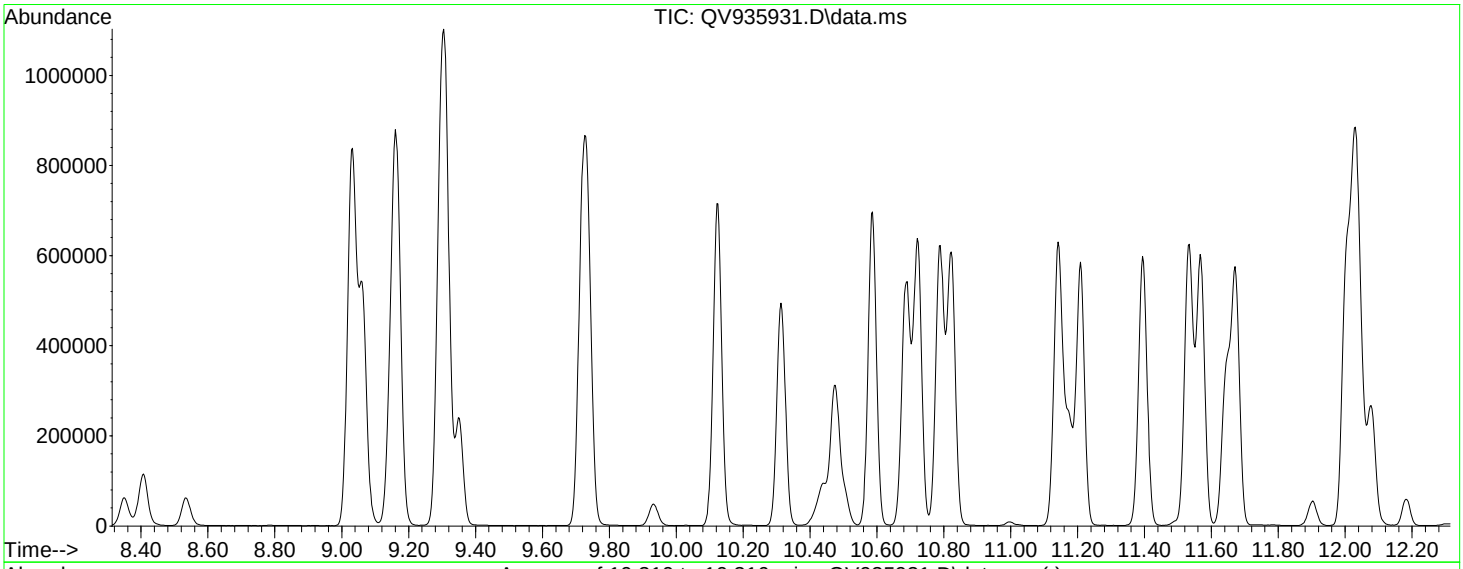
Spectrum Information: Average of 10.311 to 10.316 min.

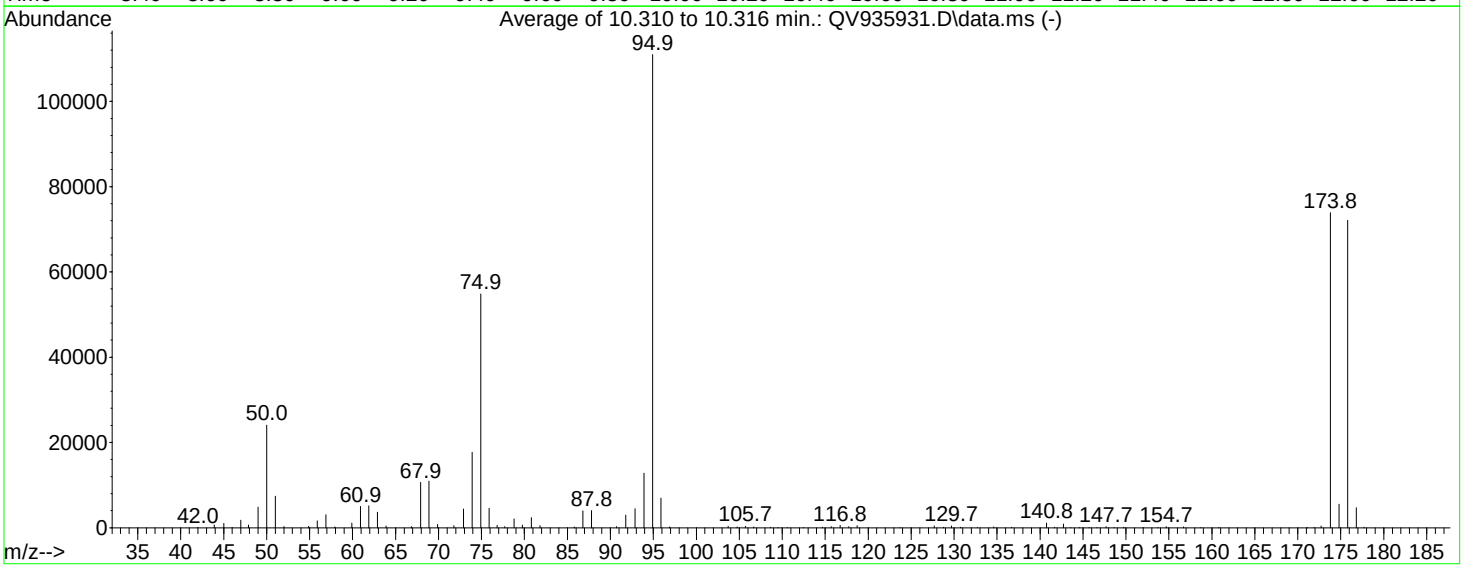
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	118275	PASS
96	95	5	9	6.4	7562	PASS
173	174	0.00	2	0.7	557	PASS
174	95	50	100	65.0	76845	PASS
175	174	5	9	7.7	5906	PASS
176	174	95	101	96.7	74309	PASS
177	176	5	9	6.5	4816	PASS

Data Path : C:\msdchem\1\data\060325\
Data File : QV935931.D
Acq On : 3 Jun 2025 11:39 am
Operator : AC
Sample : SEQ-TUN1
Misc : QBQV9060325
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Title : Volatile Organics EPA 8260D-Water
Last Update : Fri May 30 06:45:19 2025
InstName : QVOA9





Spectrum Information: Average of 10.310 to 10.316 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	111013	PASS
96	95	5	9	6.3	6970	PASS
173	174	0.00	2	0.5	405	PASS
174	95	50	100	66.6	73883	PASS
175	174	5	9	7.5	5542	PASS
176	174	95	101	97.6	72133	PASS
177	176	5	9	6.5	4689	PASS

METHOD BLANK RAW DATA

SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50193-BLK1	File ID:	QV935914.D
Prepared:	06/02/25 12:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/02/25 16:51	Instrument:	QVOA9		
Batch:	BF50193	Sequence:	S5F0335	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	70 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.50	95.0	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	828878	5.972	799213	5.972	
ISTD: Chlorobenzene-d5	543745	9.032	543819	9.029	
ISTD: 1,2-Dichlorobenzene-d4	108172	12.025	107401	12.022	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935914.D
Acq On : 2 Jun 2025 4:51 pm
Operator : AC
Sample : BF50193-BLK1
Misc : QBQV9060225
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 02 17:12:57 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

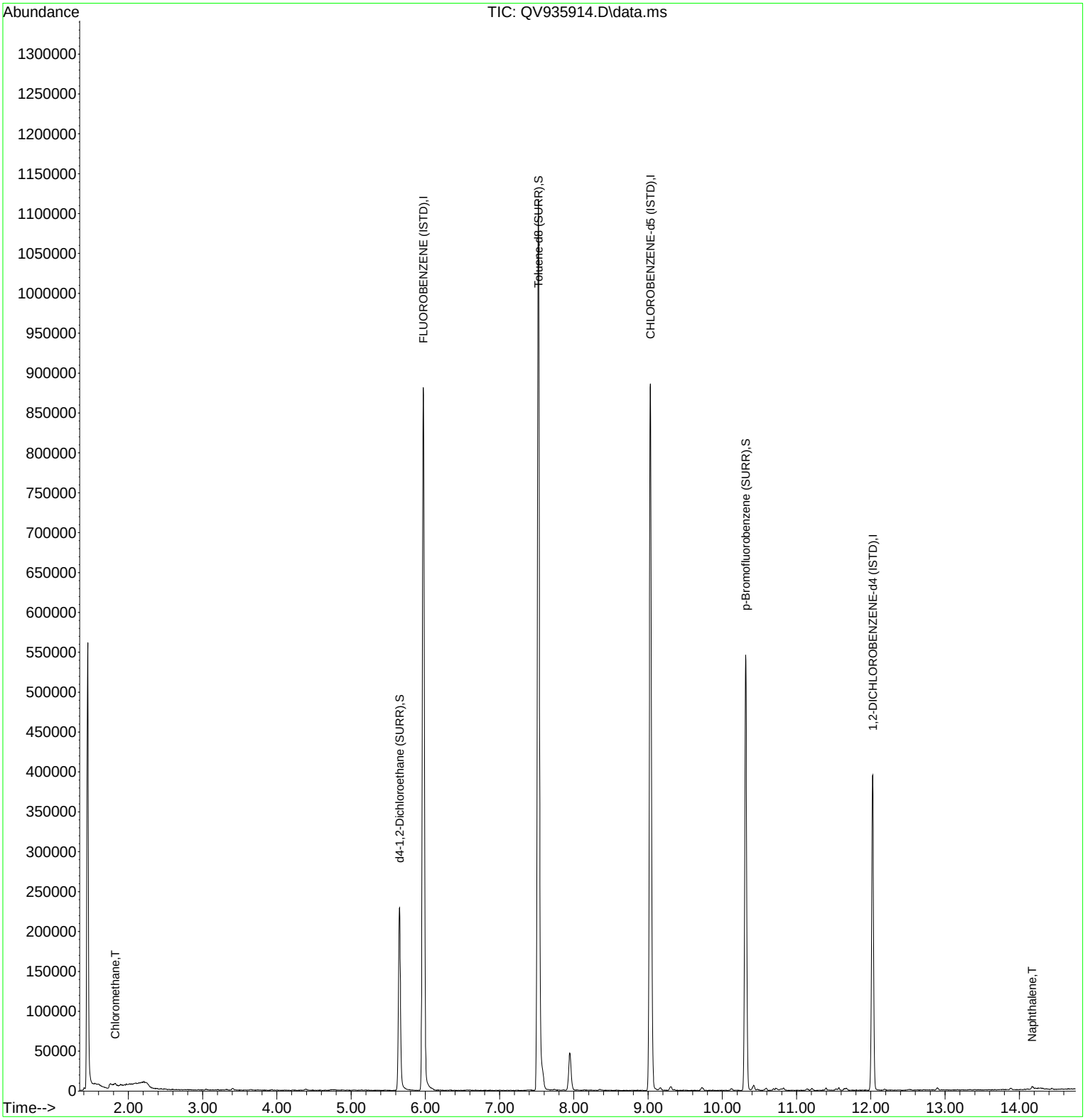
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.972	96	828878	10.00	ppb	0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	543745	10.00	ppb	# 0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	108172	10.00	ppb	# 0.00
System Monitoring Compounds						
35) d4-1,2-Dichloroethane ...	5.652	65	165371	11.13	ppb	0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 111.30%			
54) Toluene-d8 (SURR)	7.521	98	787485	10.01	ppb	0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 100.10%			
73) p-Bromofluorobenzene (...	10.313	95	229980	9.50	ppb	0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 95.00%			
Target Compounds						Qvalue
3) Chloromethane	1.822	50	3110	0.18	ppb	93
98) Naphthalene	14.169	128	2548	0.22	ppb	92

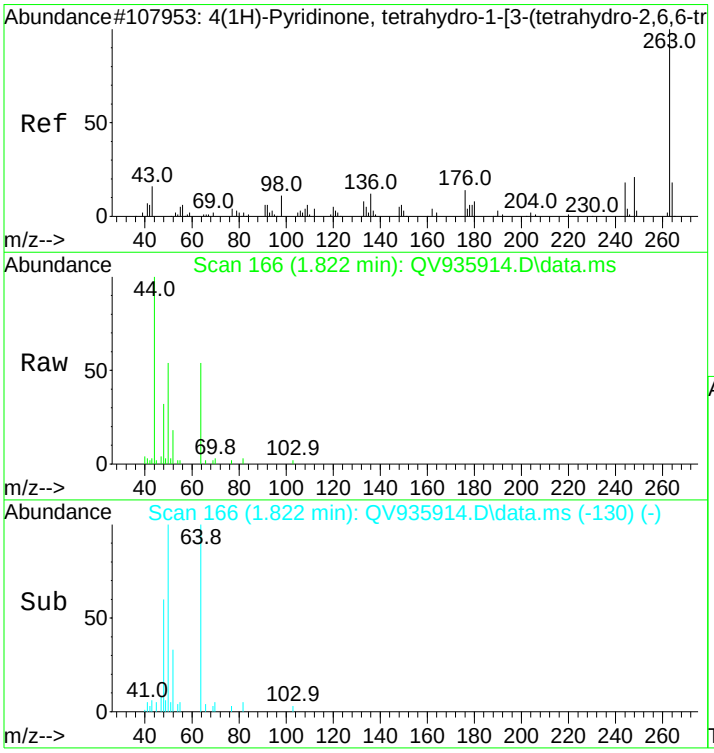
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935914.D
Acq On : 2 Jun 2025 4:51 pm
Operator : AC
Sample : BF50193-BLK1
Misc : QBQV9060225
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 02 17:12:57 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

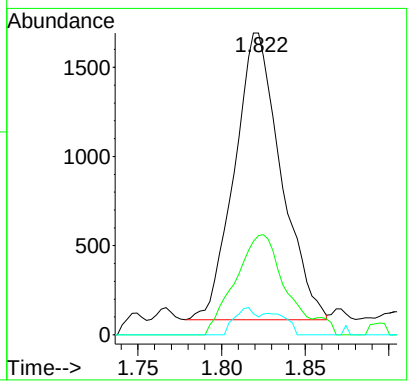


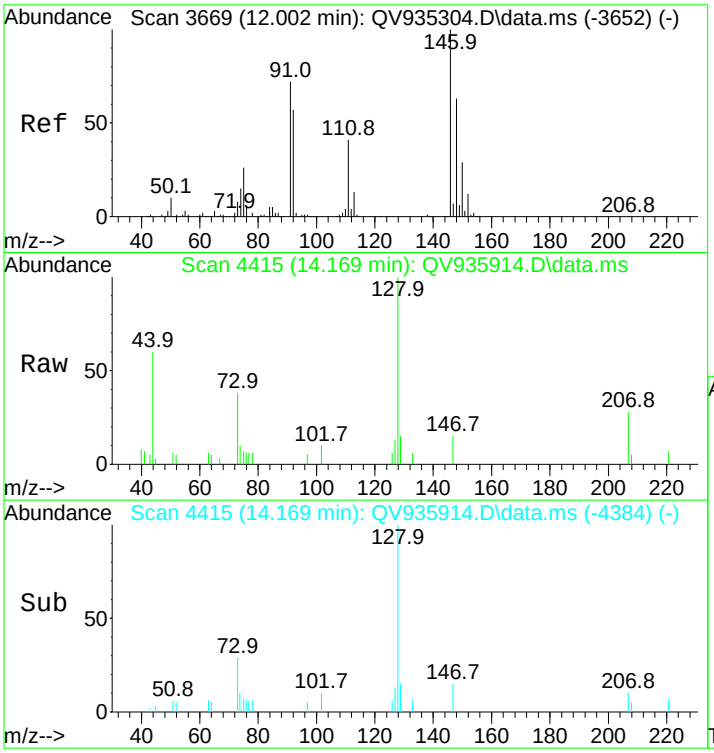


#3
Chloromethane
Concen: 0.18 ppb
RT: 1.822 min Scan# 166
Delta R.T. 0.006 min
Lab File: QV935914.D
Acq: 2 Jun 2025 4:51 pm

Tgt Ion: 50 Resp: 3110

Ion	Ratio	Lower	Upper
50	100		
52	36.5	16.9	50.6
49	4.5	2.0	18.0

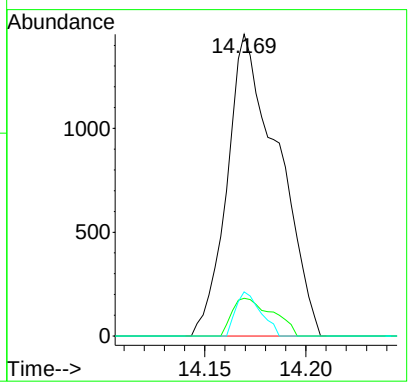




#98
Naphthalene
Concen: 0.22 ppb
RT: 14.169 min Scan# 4415
Delta R.T. -0.009 min
Lab File: QV935914.D
Acq: 2 Jun 2025 4:51 pm

Tgt Ion:128 Resp: 2548

Ion	Ratio	Lower	Upper
128	100		
127	10.0	8.1	16.9
129	7.2	7.2	14.9



METHOD BLANK RAW DATA

SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-83-9	Bromomethane	2.00	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25E1596
Client:	Hydro Tech Environmental			Project:	230051 - 170 Freeman Street, Brooklyn
Matrix:	Water	Laboratory ID:	BF50204-BLK1	File ID:	QV935936.D
Prepared:	06/03/25 11:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/03/25 14:46	Instrument:	QVOA9		
Batch:	BF50204	Sequence:	S5F0337	Calibration:	SE50045

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-88-3	Toluene	0.500	U
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	11.1	111	69 - 130	
SURR: Toluene-d8	10.0	9.97	99.7	81 - 117	
SURR: p-Bromofluorobenzene	10.0	9.83	98.3	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	767385	5.972	753228	5.975	
ISTD: Chlorobenzene-d5	506936	9.032	517071	9.032	
ISTD: 1,2-Dichlorobenzene-d4	97179	12.025	111735	12.022	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935936.D
Acq On : 3 Jun 2025 2:46 pm
Operator : AC
Sample : BF50204-BLK1
Misc : QBQV9060325
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 15:04:11 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

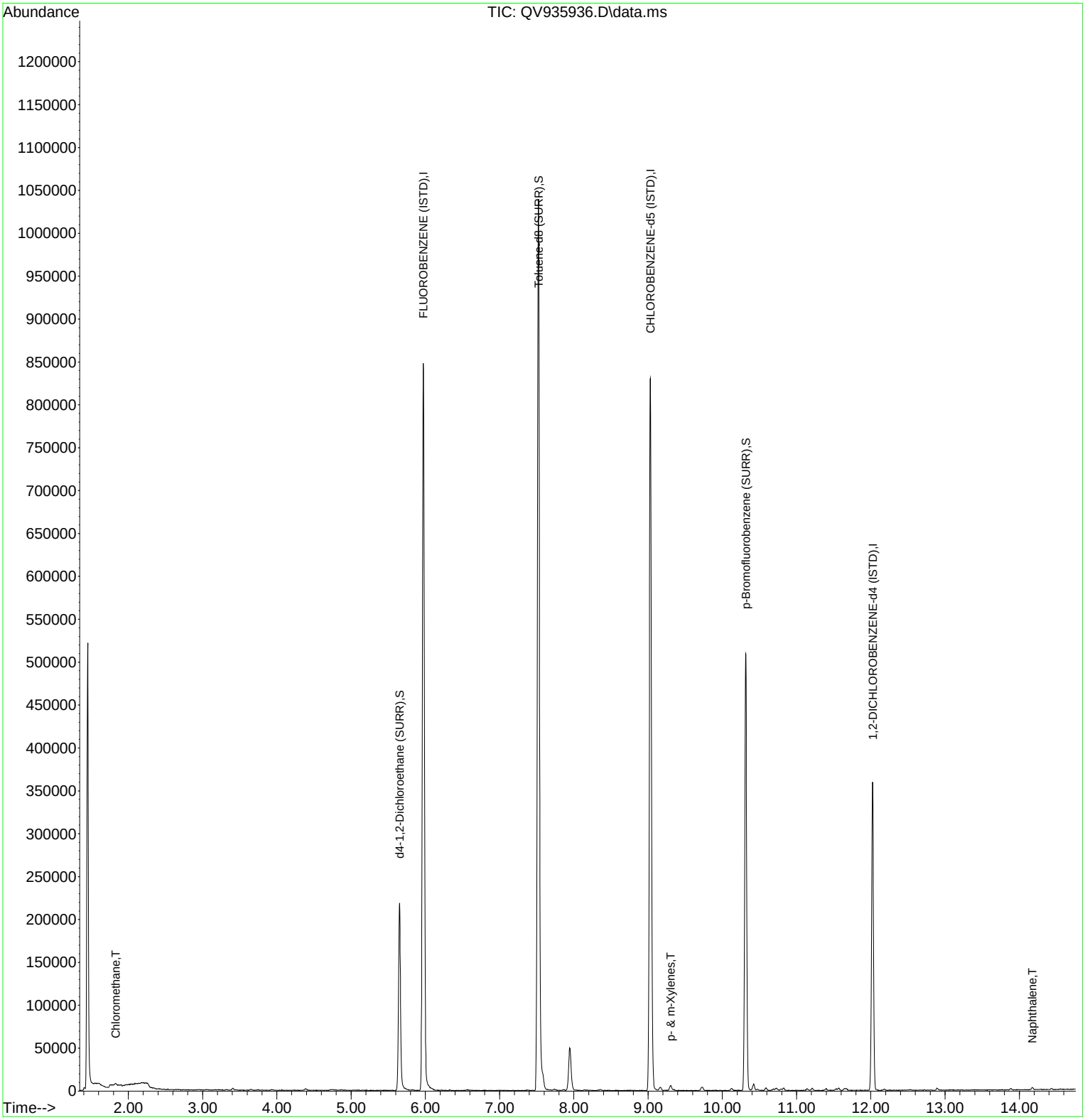
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	767385	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	506936	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	97179	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	152409	11.08	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 110.80%				
54) Toluene-d8 (SURR)	7.524	98	730869	9.97	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.70%				
73) p-Bromofluorobenzene (...	10.316	95	213703	9.83	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 98.30%				
Target Compounds							Qvalue
3) Chloromethane	1.828	50	3344	0.21	ppb		98
66) p- & m-Xylenes	9.305	91	4924	0.10	ppb		88
98) Naphthalene	14.172	128	2238	0.21	ppb	#	93

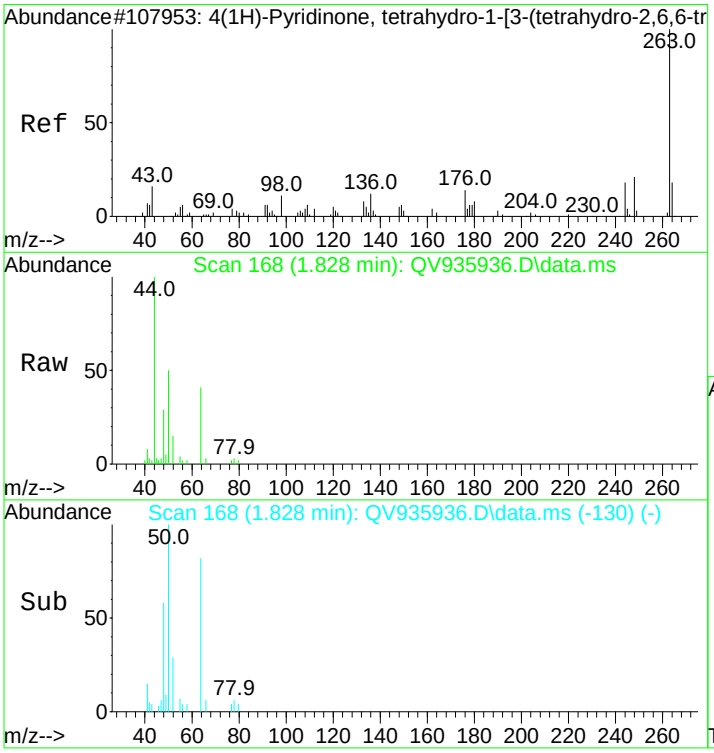
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935936.D
Acq On : 3 Jun 2025 2:46 pm
Operator : AC
Sample : BF50204-BLK1
Misc : QBQV9060325
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 15:04:11 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

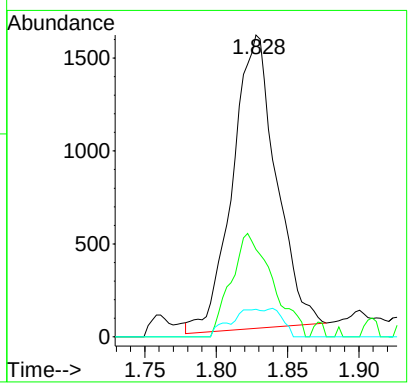


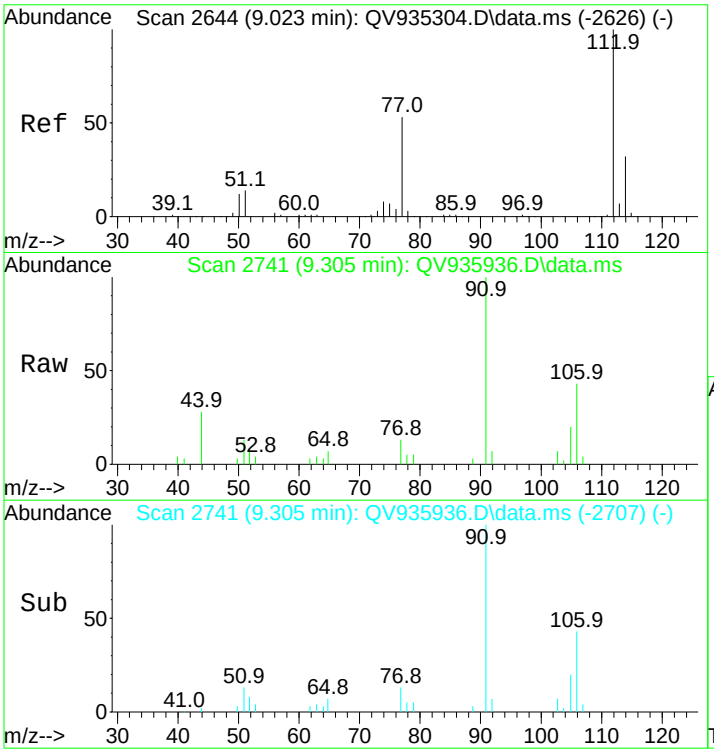


#3
Chloromethane
Concen: 0.21 ppb
RT: 1.828 min Scan# 168
Delta R.T. 0.011 min
Lab File: QV935936.D
Acq: 3 Jun 2025 2:46 pm

Tgt Ion: 50 Resp: 3344

Ion	Ratio	Lower	Upper
50	100		
52	33.3	16.9	50.6
49	7.3	2.0	18.0

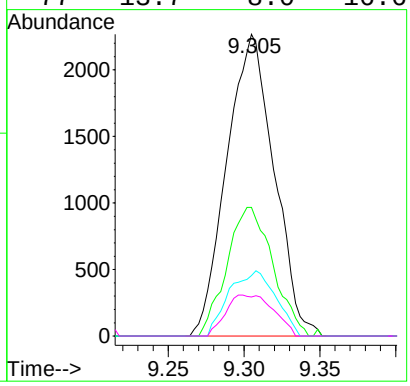


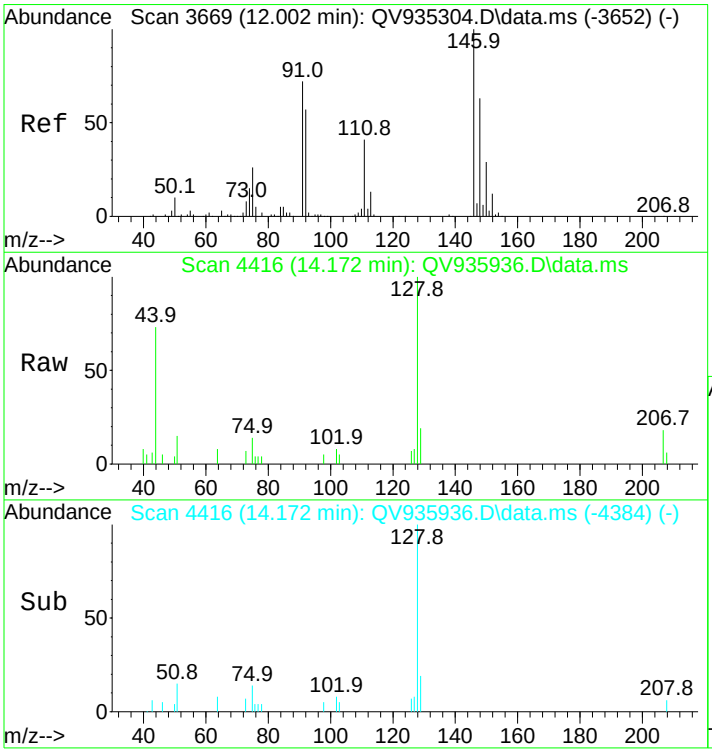


#66
p- & m-Xylenes
Concen: 0.10 ppb
RT: 9.305 min Scan# 2741
Delta R.T. -0.000 min
Lab File: QV935936.D
Acq: 3 Jun 2025 2:46 pm

Tgt Ion: 91 Resp: 4924

Ion	Ratio	Lower	Upper
91	100		
106	41.3	34.6	72.0
105	21.3	15.7	32.5
77	13.7	8.0	16.6

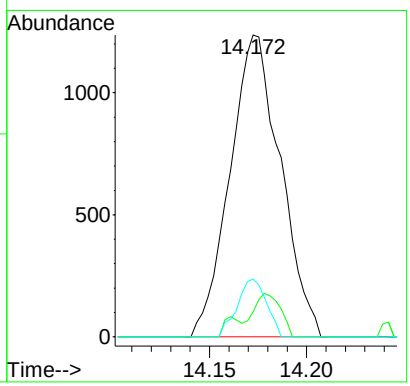




#98
Naphthalene
Concen: 0.21 ppb
RT: 14.172 min Scan# 4416
Delta R.T. -0.006 min
Lab File: QV935936.D
Acq: 3 Jun 2025 2:46 pm

Tgt Ion:128 Resp: 2238

Ion	Ratio	Lower	Upper
128	100		
127	7.7	8.1	16.9#
129	11.1	7.2	14.9



MATRIX SPIKE RAW DATA

SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935928.D
Acq On : 2 Jun 2025 10:56 pm
Operator : AC
Sample : BF50193-MS1
Misc : QBQV9060225 25E1596-05
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 03 17:16:20 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	711367	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	478582	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	101560	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	145453	11.41	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 114.10%				
54) Toluene-d8 (SURR)	7.524	98	683936	9.88	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 98.80%				
73) p-Bromofluorobenzene (...	10.313	95	212716	9.36	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 93.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	50526	3.20	ppb		95
3) Chloromethane	1.825	50	89925	6.07	ppb		98
4) Vinyl Chloride	1.924	62	94449	6.75	ppb		98
5) Bromomethane	2.270	94	33989	4.40	ppb		96
6) Allyl Chloride	3.531	41	197857	8.74	ppb	#	48
7) Chloroethane	2.383	64	84904	7.91	ppb		96
8) Trichlorofluoromethane	2.659	101	146169	5.82	ppb		98
9) Ethanol	2.944	45	120531	1142.29	ppb		99
10) Freon-113	3.197	101	68279	5.01	ppb		84
11) 1,1-Dichloroethylene	3.179	61	165663	8.13	ppb		80
12) Acrolein	3.057	56	7410	6.47	ppb	#	51
13) Acetone	3.203	43	13343	9.66	ppb		81
14) Iodomethane	3.319	142	56222	3.65	ppb		94
15) Methyl Acetate	3.516	43	34617	11.33	ppb	#	74
16) Carbon disulfide	3.409	76	228291	6.96	ppb	#	91
17) tert-Butyl Alcohol (TBA)	3.763	59	11324	49.18	ppb	#	36
18) Methylene Chloride	3.650	49	155674	8.99	ppb	#	64
19) Acrylonitrile	3.845	53	16451	10.73	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	156013	7.79	ppb		78
21) tert-Butyl Methyl Ethe...	3.932	73	204544	9.91	ppb	#	79
22) 1,1-Dichloroethane	4.336	63	221441	8.71	ppb		96
23) Vinyl Acetate	4.330	43	125247	9.77	ppb		81
24) Diisopropyl ether (DIPE)	4.388	45	409218	9.86	ppb	#	82
25) Ethyl-tert-Butyl ether...	4.731	59	302256	9.22	ppb		87
26) cis-1,2-Dichloroethylene	4.876	61	190758	8.62	ppb		78
27) 2-Butanone	4.853	43	17806	11.25	ppb		68
28) 2,2-Dichloropropane	4.888	77	162535	7.32	ppb	#	81
29) Tetrahydrofuran	5.144	42	12427	12.63	ppb	#	60
30) Bromochloromethane	5.094	49	89379	9.42	ppb	#	59
31) Chloroform	5.187	83	203496	8.62	ppb	#	94
32) 1,1,1-Trichloroethane	5.367	97	182372	7.62	ppb	#	93
33) Cyclohexane	5.460	56	195599	3.10	ppb	#	76
34) 1,1-Dichloropropylene	5.519	75	125643	6.96	ppb	#	92
36) Carbon Tetrachloride	5.527	117	138810	7.01	ppb		98
37) tert-Amyl alcohol (TAA)	5.702	59	19334	147.34	ppb	#	86
38) 1,2-Dichloroethane	5.725	62	129568	9.63	ppb		92
39) Benzene	5.699	78	447587	8.71	ppb	#	84
40) tert-Amyl methyl ether...	5.827	73	193734	9.04	ppb	#	82
42) Trichloroethylene	6.332	95	95295	6.61	ppb		90
43) Methyl Cyclohexane	6.579	83	126667	4.93	ppb	#	71
45) Dibromomethane	6.646	93	40753	9.11	ppb	#	84
46) Bromodichloromethane	6.812	83	131680	8.51	ppb	#	95
47) 1,2-Dichloropropane	6.559	63	112230	9.20	ppb		93

Data Path : C:\msdchem\1\data\060225\
Data File : QV935928.D
Acq On : 2 Jun 2025 10:56 pm
Operator : AC
Sample : BF50193-MS1
Misc : QBQV9060225 25E1596-05
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 03 17:16:20 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

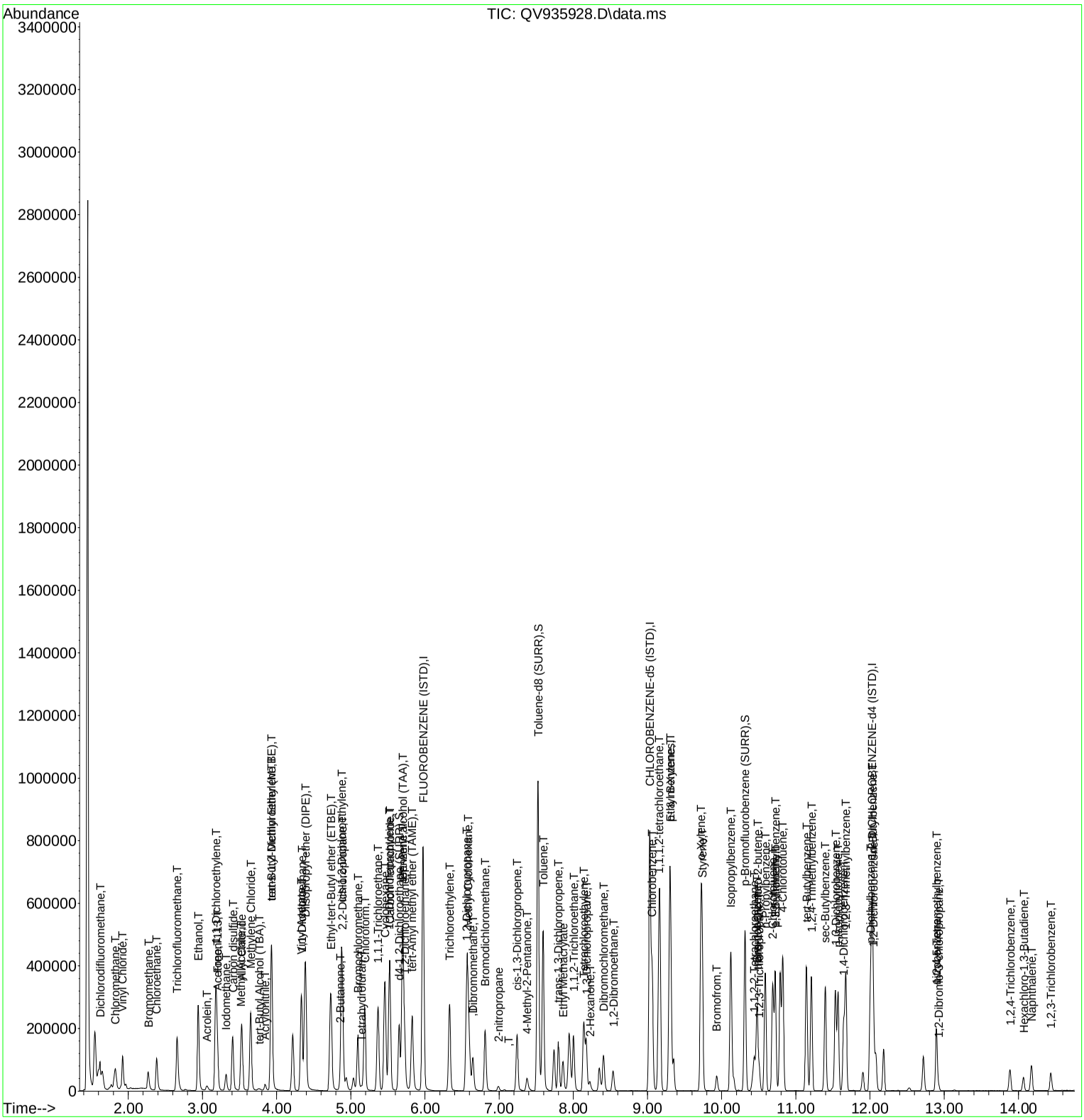
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	6.640	88	702	10.64	ppb	#	87
49)	7.123	63	182	22.32	ppb	#	62
50) 2-nitropropane	6.989	43	13667	9.50	ppb		96
51) cis-1,3-Dichloropropene	7.242	75	139154	7.99	ppb	#	84
52) Ethyl Methacrylate	7.861	69	58680	9.38	ppb	#	46
53) 4-Methyl-2-Pentanone	7.376	43	38214	7.53	ppb	#	79
55) Toluene	7.593	91	405146	7.45	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	104606	8.27	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	59558	9.33	ppb	#	91
58) 1,3-Dichloropropane	8.175	76	108817	9.67	ppb	#	69
59) Tetrachloroethylene	8.140	166	62915	4.38	ppb		94
60) 2-Hexanone	8.224	43	24723	9.53	ppb		63
61) Dibromochloromethane	8.407	129	64122	8.49	ppb		98
62) 1,2-Dibromoethane	8.538	107	47882	8.63	ppb		100
63) Chlorobenzene	9.061	112	218085	7.02	ppb	#	86
64) 1,1,1,2-tetrachloroethane	9.154	131	78175	7.89	ppb		97
65) Ethyl Benzene	9.305	91	570545	6.42	ppb		95
66) p- & m-Xylenes	9.305	91	570545	12.84	ppb		95
67) o-Xylene	9.721	91	308719	7.11	ppb		96
68) Styrene	9.738	104	214272	7.39	ppb		95
69) Bromofrom	9.933	173	22864	7.89	ppb	#	77
71) p-Ethyltoluene	10.723	105	255348	5.35	ppb	#	53
72) Isopropylbenzene	10.125	105	338131	5.65	ppb		95
74) 1,1,2,2-Tetrachloroethane	10.441	83	50316	9.37	ppb		97
75) Bromobenzene	10.476	77	141381	7.16	ppb	#	74
76) trans-1,4-Dichloro-2-b...	10.482	89	5788	7.27	ppb		94
77) 1,2,3-Trichloropropane	10.505	110	14590	8.75	ppb	#	87
78) n-Propylbenzene	10.587	91	347341	5.12	ppb		96
79) 2-Chlorotoluene	10.688	126	70275	5.49	ppb		85
80) 4-Chlorotoluene	10.822	126	65518	5.32	ppb	#	77
81) 1,3,5-Trimethylbenzene	10.723	105	255348	5.35	ppb	#	42
82) tert-Butylbenzene	11.142	119	217145	5.02	ppb	#	84
83) 1,2,4-Trimethylbenzene	11.208	105	229831	5.34	ppb		95
84) sec-Butylbenzene	11.397	105	268643	4.94	ppb		95
86) 1,3-Dichlorobenzene	11.534	146	93455	5.12	ppb	#	91
87) p-Isopropyltoluene	11.569	119	204216	4.58	ppb		97
88) 1,4-Dichlorobenzene	11.644	146	92147	5.08	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	241458	5.77	ppb		95
90) nitrobenzene	12.897	77	12544	4.77	ppb	#	67
91) p-Diethylbenzene	12.002	105	95683	4.06	ppb		91
92) 1,2-Dichlorobenzene	12.048	146	85630	6.10	ppb	#	85
93) n-Butylbenzene	12.031	91	177276	4.05	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.923	75	6716	6.96	ppb	#	70
95) 1,2,4,5-Tetramethylben...	12.894	119	124037	4.21	ppb		95
96) 1,2,4-Trichlorobenzene	13.888	180	21463	3.77	ppb	#	92
97) Hexachloro-1,3-Butadiene	14.068	225	8178	2.95	ppb	#	82
98) Naphthalene	14.175	128	70997	6.41	ppb		99
99) 1,2,3-Trichlorobenzene	14.437	180	18312	4.81	ppb	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935928.D
Acq On : 2 Jun 2025 10:56 pm
Operator : AC
Sample : BF50193-MS1
Misc : QBQV9060225 25E1596-05
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 03 17:16:20 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935929.D
Acq On : 2 Jun 2025 11:20 pm
Operator : AC
Sample : BF50193-MSD1
Misc : QBQV9060225 25E1596-05
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 03 17:20:27 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	713881	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	483743	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	106090	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	148042	11.57	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 115.70%				
54) Toluene-d8 (SURR)	7.524	98	694114	9.92	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.20%				
73) p-Bromofluorobenzene (...	10.313	95	216638	9.13	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 91.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	87316	5.52	ppb		95
3) Chloromethane	1.825	50	116435	7.83	ppb		97
4) Vinyl Chloride	1.924	62	126960	9.05	ppb		100
5) Bromomethane	2.270	94	47164	6.08	ppb		100
6) Allyl Chloride	3.531	41	237471	10.46	ppb	#	65
7) Chloroethane	2.383	64	104701	9.74	ppb		95
8) Trichlorofluoromethane	2.659	101	221795	8.82	ppb		99
9) Ethanol	2.944	45	132565	1251.91	ppb		99
10) Freon-113	3.197	101	132506	9.69	ppb		85
11) 1,1-Dichloroethylene	3.179	61	228363	11.17	ppb		79
12) Acrolein	3.054	56	7860	6.84	ppb	#	37
13) Acetone	3.197	43	14191	10.25	ppb		78
14) Iodomethane	3.319	142	82006	5.32	ppb		96
15) Methyl Acetate	3.516	43	36536	11.92	ppb		75
16) Carbon disulfide	3.406	76	341506	10.37	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.760	59	13683	59.21	ppb	#	42
18) Methylene Chloride	3.650	49	182279	10.48	ppb	#	64
19) Acrylonitrile	3.848	53	17413	11.31	ppb		96
20) trans-1,2-Dichloroethy...	3.929	61	212434	10.56	ppb		79
21) tert-Butyl Methyl Ethe...	3.932	73	229370	11.07	ppb	#	79
22) 1,1-Dichloroethane	4.336	63	272984	10.70	ppb		96
23) Vinyl Acetate	4.330	43	140622	10.93	ppb		80
24) Diisopropyl ether (DIPE)	4.385	45	473028	11.36	ppb	#	83
25) Ethyl-tert-Butyl ether...	4.731	59	346206	10.53	ppb		87
26) cis-1,2-Dichloroethylene	4.876	61	231911	10.45	ppb		79
27) 2-Butanone	4.853	43	18248	11.49	ppb	#	63
28) 2,2-Dichloropropane	4.885	77	202441	9.09	ppb	#	82
29) Tetrahydrofuran	5.144	42	12168	12.33	ppb	#	65
30) Bromochloromethane	5.094	49	101441	10.65	ppb	#	59
31) Chloroform	5.187	83	244767	10.33	ppb	#	94
32) 1,1,1-Trichloroethane	5.365	97	233579	9.73	ppb		93
33) Cyclohexane	5.460	56	315195	4.98	ppb	#	77
34) 1,1-Dichloropropylene	5.519	75	190795	10.53	ppb	#	84
36) Carbon Tetrachloride	5.527	117	195417	9.83	ppb		98
37) tert-Amyl alcohol (TAA)	5.702	59	21863	166.03	ppb	#	86
38) 1,2-Dichloroethane	5.725	62	151044	11.19	ppb		92
39) Benzene	5.699	78	567182	11.00	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	223028	10.37	ppb	#	82
42) Trichloroethylene	6.329	95	141325	9.70	ppb		88
43) Methyl Cyclohexane	6.582	83	253153	9.76	ppb	#	73
45) Dibromomethane	6.646	93	46233	10.22	ppb	#	82
46) Bromodichloromethane	6.812	83	156779	10.03	ppb	#	95
47) 1,2-Dichloropropane	6.559	63	133715	10.85	ppb		96

Data Path : C:\msdchem\1\data\060225\
Data File : QV935929.D
Acq On : 2 Jun 2025 11:20 pm
Operator : AC
Sample : BF50193-MSD1
Misc : QBQV9060225 25E1596-05
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 03 17:20:27 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

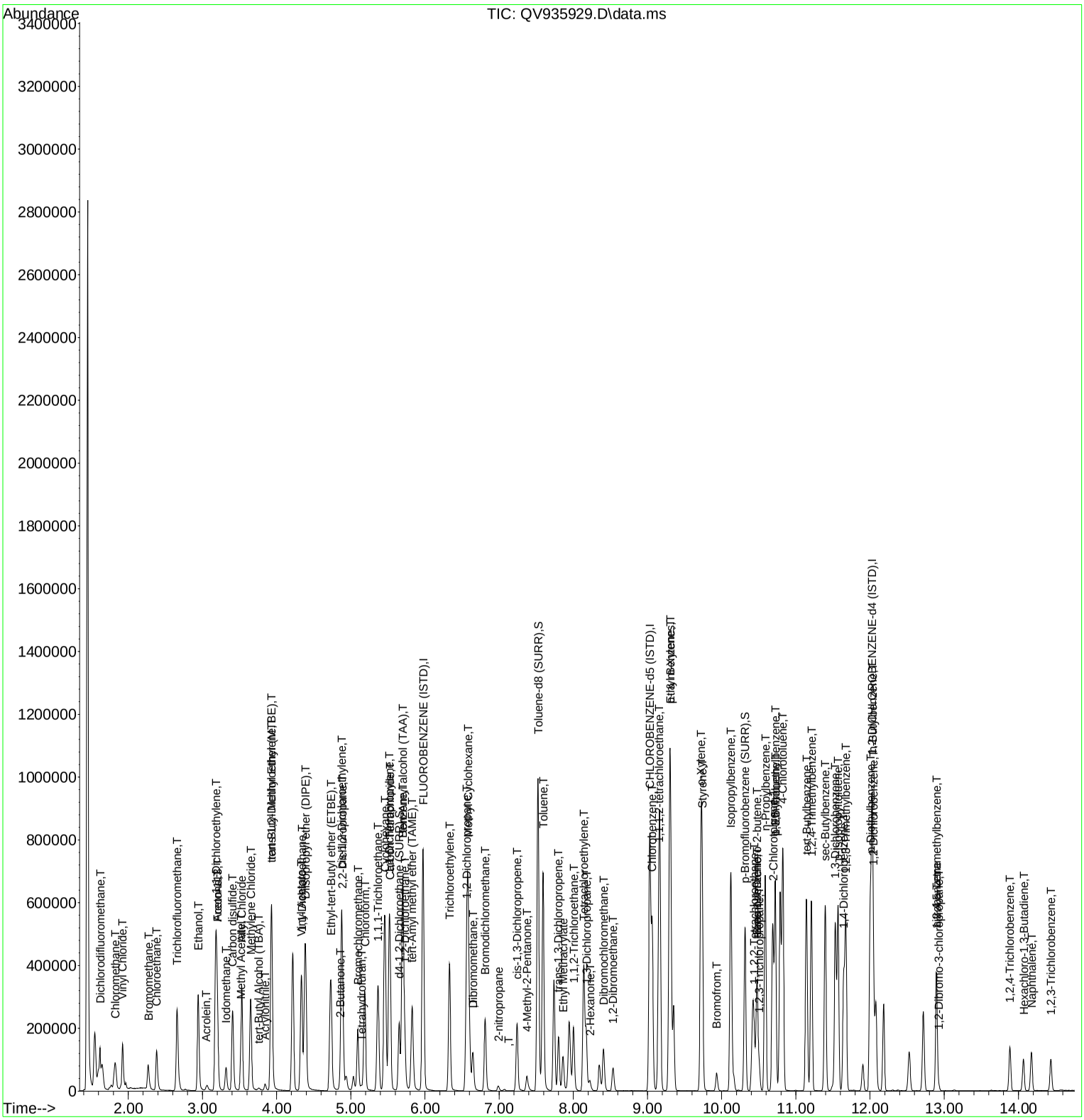
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	6.646	88	2456	36.82	ppb	#	81
49)	7.123	63	254	30.82	ppb	#	46
50) 2-nitropropane	6.989	43	14586	10.03	ppb		95
51) cis-1,3-Dichloropropene	7.242	75	167508	9.51	ppb	#	81
52) Ethyl Methacrylate	7.861	69	69505	11.00	ppb	#	47
53) 4-Methyl-2-Pentanone	7.373	43	43935	8.57	ppb		78
55) Toluene	7.590	91	551134	10.02	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	125078	9.78	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	69966	10.85	ppb	#	92
58) 1,3-Dichloropropane	8.175	76	124084	10.90	ppb	#	72
59) Tetrachloroethylene	8.143	166	116932	8.06	ppb		95
60) 2-Hexanone	8.221	43	26841	10.24	ppb		62
61) Dibromochloromethane	8.407	129	74824	9.81	ppb		99
62) 1,2-Dibromoethane	8.535	107	56192	10.02	ppb		98
63) Chlorobenzene	9.061	112	299639	9.55	ppb	#	86
64) 1,1,1,2-tetrachloroethane	9.151	131	95059	9.49	ppb		97
65) Ethyl Benzene	9.305	91	880784	9.81	ppb		95
66) p- & m-Xylenes	9.305	91	880784	19.61	ppb		95
67) o-Xylene	9.721	91	435528	9.92	ppb		96
68) Styrene	9.738	104	299752	10.23	ppb		95
69) Bromofrom	9.933	173	27175	9.28	ppb		91
71) p-Ethyltoluene	10.723	105	491529	9.86	ppb	#	68
72) Isopropylbenzene	10.124	105	532258	8.51	ppb		95
74) 1,1,2,2-Tetrachloroethane	10.441	83	57444	10.24	ppb		99
75) Bromobenzene	10.476	77	188683	9.15	ppb	#	75
76) trans-1,4-Dichloro-2-b...	10.479	89	7079	8.50	ppb		92
77) 1,2,3-Trichloropropane	10.505	110	17080	9.80	ppb	#	87
78) n-Propylbenzene	10.587	91	616163	8.69	ppb		95
79) 2-Chlorotoluene	10.691	126	109639	8.20	ppb	#	74
80) 4-Chlorotoluene	10.822	126	106775	8.30	ppb	#	76
81) 1,3,5-Trimethylbenzene	10.723	105	491529	9.86	ppb		92
82) tert-Butylbenzene	11.142	119	336926	7.46	ppb	#	84
83) 1,2,4-Trimethylbenzene	11.208	105	375121	8.35	ppb		96
84) sec-Butylbenzene	11.394	105	481216	8.47	ppb		96
86) 1,3-Dichlorobenzene	11.531	146	155132	8.14	ppb	#	92
87) p-Isopropyltoluene	11.569	119	381956	8.21	ppb		97
88) 1,4-Dichlorobenzene	11.644	146	151769	8.01	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	356336	8.16	ppb		95
90) nitrobenzene	12.894	77	21432	7.80	ppb	#	63
91) p-Diethylbenzene	12.002	105	196217	7.98	ppb		88
92) 1,2-Dichlorobenzene	12.045	146	125794	8.57	ppb	#	87
93) n-Butylbenzene	12.031	91	378000	8.27	ppb		94
94) 1,2-Dibromo-3-chloropr...	12.920	75	8983	8.91	ppb	#	69
95) 1,2,4,5-Tetramethylben...	12.897	119	229838	7.48	ppb		96
96) 1,2,4-Trichlorobenzene	13.885	180	43997	7.40	ppb	#	96
97) Hexachloro-1,3-Butadiene	14.068	225	20968	7.24	ppb		89
98) Naphthalene	14.175	128	104850	9.06	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	31808	8.00	ppb	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935929.D
Acq On : 2 Jun 2025 11:20 pm
Operator : AC
Sample : BF50193-MSD1
Misc : QBQV9060225 25E1596-05
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 03 17:20:27 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



LCS RAW DATA

SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935911.D
Acq On : 2 Jun 2025 2:23 pm
Operator : AC
Sample : BF50193-BS1
Misc : QBQV9060225
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 02 15:38:31 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	838786	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.029	117	543369	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	96689	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.649	65	141337	9.40	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 94.00%				
54) Toluene-d8 (SURR)	7.521	98	797335	10.15	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 101.50%				
73) p-Bromofluorobenzene (...	10.313	95	222972	10.31	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 103.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	94042	5.06	ppb		95
3) Chloromethane	1.816	50	136146	7.79	ppb		99
4) Vinyl Chloride	1.924	62	145506	8.82	ppb		100
5) Bromomethane	2.270	94	59374	6.51	ppb		98
6) Allyl Chloride	3.528	41	294524	11.04	ppb	#	53
7) Chloroethane	2.383	64	121857	9.64	ppb		96
8) Trichlorofluoromethane	2.659	101	274173	9.28	ppb		100
9) Ethanol	2.941	45	131663	1058.24	ppb		99
10) Freon-113	3.194	101	166577	10.37	ppb		87
11) 1,1-Dichloroethylene	3.176	61	269818	11.23	ppb		81
12) Acrolein	3.054	56	8321	6.16	ppb	#	32
13) Acetone	3.197	43	13456	8.24	ppb		83
14) Iodomethane	3.316	142	110703	6.12	ppb		96
15) Methyl Acetate	3.516	43	35452	9.84	ppb		79
16) Carbon disulfide	3.406	76	415810	10.75	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.761	59	11289	41.58	ppb	#	38
18) Methylene Chloride	3.647	49	208474	10.21	ppb	#	65
19) Acrylonitrile	3.845	53	17047	9.43	ppb		97
20) trans-1,2-Dichloroethy...	3.929	61	259308	10.97	ppb		80
21) tert-Butyl Methyl Ethe...	3.929	73	231400	9.51	ppb	#	79
22) 1,1-Dichloroethane	4.333	63	327138	10.91	ppb		96
23) Vinyl Acetate	4.327	43	146130	9.67	ppb		83
24) Diisopropyl ether (DIPE)	4.385	45	526322	10.76	ppb		83
25) Ethyl-tert-Butyl ether...	4.728	59	378140	9.78	ppb		89
26) cis-1,2-Dichloroethylene	4.874	61	284717	10.92	ppb		79
27) 2-Butanone	4.847	43	17447	9.35	ppb		77
28) 2,2-Dichloropropane	4.885	77	277115	10.59	ppb	#	84
29) Tetrahydrofuran	5.144	42	11465	9.89	ppb	#	64
30) Bromochloromethane	5.091	49	114087	10.19	ppb	#	60
31) Chloroform	5.184	83	296441	10.64	ppb	#	95
32) 1,1,1-Trichloroethane	5.365	97	294120	10.43	ppb		93
33) Cyclohexane	5.458	56	384723	5.17	ppb	#	77
34) 1,1-Dichloropropylene	5.516	75	236711	11.12	ppb	#	87
36) Carbon Tetrachloride	5.524	117	250903	10.74	ppb		98
37) tert-Amyl alcohol (TAA)	5.702	59	17025	110.03	ppb		95
38) 1,2-Dichloroethane	5.722	62	164379	10.37	ppb		92
39) Benzene	5.696	78	685414	11.31	ppb	#	86
40) tert-Amyl methyl ether...	5.824	73	234822	9.29	ppb	#	84
42) Trichloroethylene	6.329	95	176789	10.80	ppb		90
43) Methyl Cyclohexane	6.576	83	315448	10.82	ppb	#	74
44) Methyl Methacrylate	6.605	100	14828	9.53	ppb	#	1
45) Dibromomethane	6.643	93	50425	9.92	ppb		87
46) Bromodichloromethane	6.809	83	186490	10.62	ppb	#	96

Data Path : C:\msdchem\1\data\060225\
Data File : QV935911.D
Acq On : 2 Jun 2025 2:23 pm
Operator : AC
Sample : BF50193-BS1
Misc : QBQV9060225
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 02 15:38:31 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

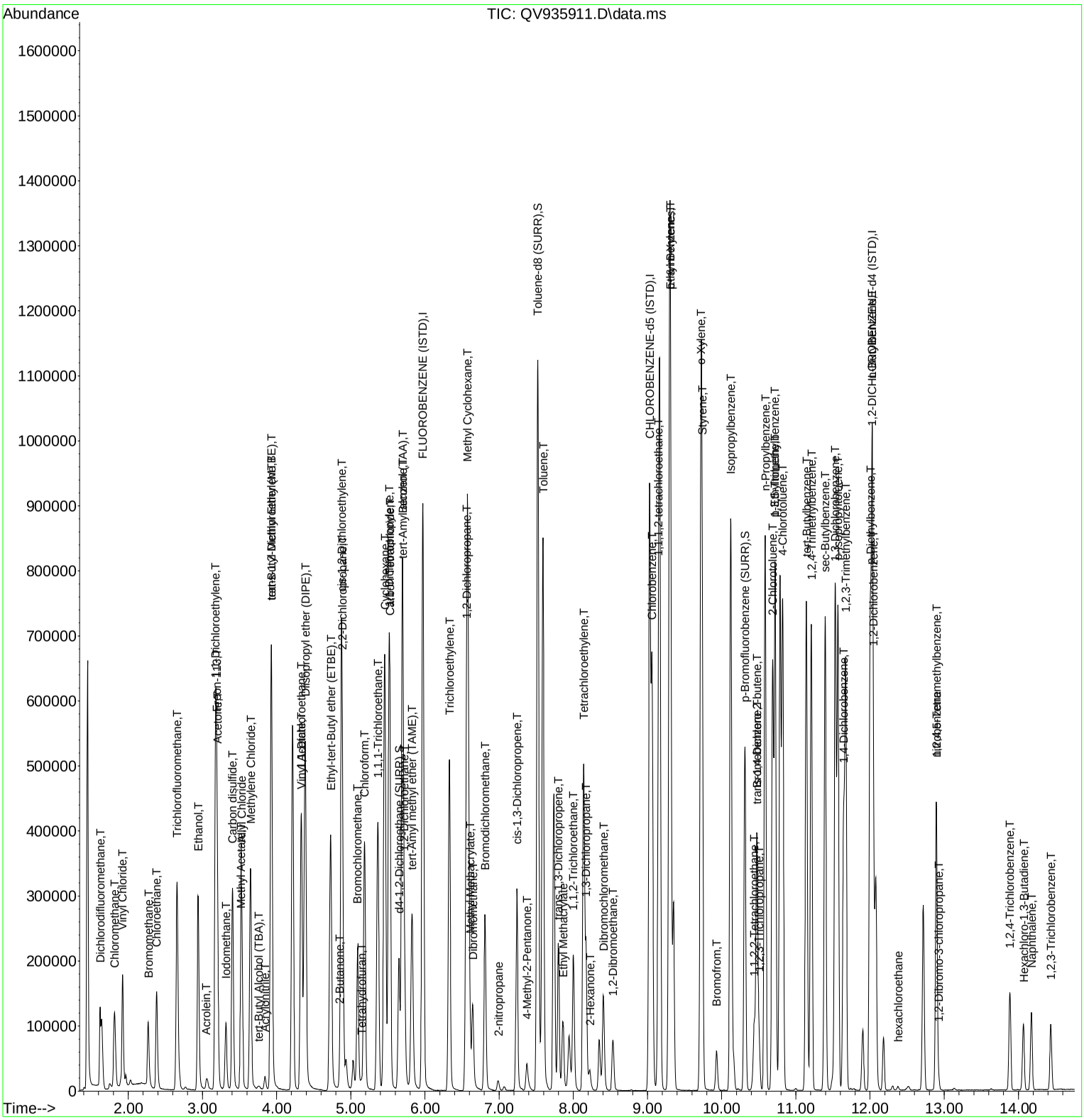
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	154237	11.14	ppb		97
50) 2-nitropropane	6.989	43	15071	9.23	ppb		99
51) cis-1,3-Dichloropropene	7.239	75	199639	10.09	ppb		94
52) Ethyl Methacrylate	7.858	69	68886	9.70	ppb	#	51
53) 4-Methyl-2-Pentanone	7.373	43	38699	6.72	ppb		81
55) Toluene	7.591	91	686771	11.12	ppb		100
56) trans-1,3-Dichloropropene	7.800	75	143278	9.97	ppb		100
57) 1,1,2-Trichloroethane	8.000	97	73370	10.13	ppb	#	92
58) 1,3-Dichloropropane	8.172	76	131506	10.29	ppb	#	72
59) Tetrachloroethylene	8.140	166	153445	9.41	ppb		96
60) 2-Hexanone	8.224	43	24471	8.31	ppb	#	42
61) Dibromochloromethane	8.404	129	82958	9.68	ppb		98
62) 1,2-Dibromoethane	8.535	107	59599	9.46	ppb		100
63) Chlorobenzene	9.061	112	370864	10.52	ppb	#	88
64) 1,1,1,2-tetrachloroethane	9.148	131	114141	10.14	ppb		97
65) Ethyl Benzene	9.302	91	1118993	11.09	ppb		95
66) p- & m-Xylenes	9.302	91	1118993	22.18	ppb		95
67) o-Xylene	9.721	91	529520	10.73	ppb		96
68) Styrene	9.735	104	361648	10.98	ppb		95
69) Bromofrom	9.930	173	30194	9.18	ppb		97
71) p-Ethyltoluene	10.720	105	617750	13.59	ppb	#	72
72) Isopropylbenzene	10.122	105	670134	11.76	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.438	83	54256	10.62	ppb		98
75) Bromobenzene	10.473	77	210388	11.20	ppb	#	77
76) trans-1,4-Dichloro-2-b...	10.479	89	7359	9.68	ppb		89
77) 1,2,3-Trichloropropane	10.502	110	16534	10.41	ppb	#	90
78) n-Propylbenzene	10.587	91	763912	11.82	ppb		95
79) 2-Chlorotoluene	10.688	126	134817	11.06	ppb		84
80) 4-Chlorotoluene	10.819	126	130400	11.13	ppb		88
81) 1,3,5-Trimethylbenzene	10.720	105	617750	13.59	ppb		95
82) tert-Butylbenzene	11.142	119	411878	10.00	ppb	#	84
83) 1,2,4-Trimethylbenzene	11.209	105	459922	11.23	ppb		95
84) sec-Butylbenzene	11.395	105	583817	11.28	ppb		96
85) hexachloroethane	12.380	117	1286	0.19	ppb	#	50
86) 1,3-Dichlorobenzene	11.528	146	185249	10.66	ppb	#	92
87) p-Isopropyltoluene	11.566	119	480088	11.32	ppb		96
88) 1,4-Dichlorobenzene	11.644	146	177318	10.27	ppb	#	93
89) 1,2,3-Trimethylbenzene	11.671	105	420857	10.57	ppb		95
90) nitrobenzene	12.894	77	24587	9.81	ppb	#	62
91) p-Diethylbenzene	12.002	105	239822	10.70	ppb		89
92) 1,2-Dichlorobenzene	12.045	146	139621	10.44	ppb	#	87
93) n-Butylbenzene	12.028	91	452152	10.86	ppb		93
94) 1,2-Dibromo-3-chloropr...	12.923	75	9393	10.22	ppb	#	64
95) 1,2,4,5-Tetramethylben...	12.894	119	268301	9.57	ppb		95
96) 1,2,4-Trichlorobenzene	13.885	180	49089	9.06	ppb	#	96
97) Hexachloro-1,3-Butadiene	14.071	225	22705	8.60	ppb		96
98) Naphthalene	14.176	128	103053	9.77	ppb		99
99) 1,2,3-Trichlorobenzene	14.437	180	33259	9.18	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935911.D
Acq On : 2 Jun 2025 2:23 pm
Operator : AC
Sample : BF50193-BS1
Misc : QBQV9060225
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 02 15:38:31 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935912.D
Acq On : 2 Jun 2025 2:47 pm
Operator : AC
Sample : BF50193-BSD1
Misc : QBQV9060225
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 15:41:38 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.975	96	879504	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.029	117	600838	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	112605	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.652	65	173573	11.01	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 110.10%				
54) Toluene-d8 (SURR)	7.524	98	851616	9.80	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 98.00%				
73) p-Bromofluorobenzene (...	10.313	95	259173	10.29	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.622	85	88230	4.52	ppb		97
3) Chloromethane	1.825	50	121037	6.60	ppb		98
4) Vinyl Chloride	1.927	62	131165	7.58	ppb		99
5) Bromomethane	2.270	94	55456	5.80	ppb		98
6) Allyl Chloride	3.528	41	278683	9.96	ppb	#	51
7) Chloroethane	2.383	64	114268	8.61	ppb		98
8) Trichlorofluoromethane	2.659	101	259498	8.37	ppb		99
9) Ethanol	2.944	45	163104	1250.25	ppb		100
10) Freon-113	3.197	101	159882	9.49	ppb		86
11) 1,1-Dichloroethylene	3.179	61	255769	10.15	ppb		81
12) Acrolein	3.054	56	10879	7.68	ppb	#	46
13) Acetone	3.200	43	17849	10.46	ppb		79
14) Iodomethane	3.319	142	101063	5.32	ppb		96
15) Methyl Acetate	3.516	43	46408	12.29	ppb		78
16) Carbon disulfide	3.409	76	400715	9.88	ppb	#	92
17) tert-Butyl Alcohol (TBA)	3.758	59	19831	69.66	ppb	#	36
18) Methylene Chloride	3.650	49	218227	10.19	ppb	#	65
19) Acrylonitrile	3.845	53	22901	12.08	ppb		96
20) trans-1,2-Dichloroethy...	3.929	61	252331	10.18	ppb		80
21) tert-Butyl Methyl Ethe...	3.932	73	295991	11.60	ppb	#	81
22) 1,1-Dichloroethane	4.336	63	318911	10.15	ppb		96
23) Vinyl Acetate	4.330	43	183490	11.58	ppb		81
24) Diisopropyl ether (DIPE)	4.385	45	583580	11.37	ppb		84
25) Ethyl-tert-Butyl ether...	4.731	59	443517	10.94	ppb		88
26) cis-1,2-Dichloroethylene	4.873	61	286094	10.46	ppb		80
27) 2-Butanone	4.850	43	24559	12.55	ppb		73
28) 2,2-Dichloropropane	4.885	77	262871	9.58	ppb	#	84
29) Tetrahydrofuran	5.141	42	15820	13.01	ppb	#	69
30) Bromochloromethane	5.094	49	126018	10.74	ppb	#	61
31) Chloroform	5.187	83	302371	10.35	ppb	#	95
32) 1,1,1-Trichloroethane	5.367	97	283302	9.58	ppb		94
33) Cyclohexane	5.458	56	378719	4.85	ppb	#	77
34) 1,1-Dichloropropylene	5.516	75	229891	10.30	ppb	#	86
36) Carbon Tetrachloride	5.527	117	242778	9.91	ppb		99
37) tert-Amyl alcohol (TAA)	5.702	59	30890	190.40	ppb	#	84
38) 1,2-Dichloroethane	5.725	62	184582	11.10	ppb		93
39) Benzene	5.699	78	681234	10.72	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	293879	11.09	ppb	#	85
42) Trichloroethylene	6.329	95	172332	9.53	ppb		91
43) Methyl Cyclohexane	6.579	83	317077	9.84	ppb	#	74
44) Methyl Methacrylate	6.605	100	18256	10.61	ppb	#	1
45) Dibromomethane	6.646	93	60536	10.77	ppb		89
46) Bromodichloromethane	6.812	83	200232	10.31	ppb	#	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935912.D
Acq On : 2 Jun 2025 2:47 pm
Operator : AC
Sample : BF50193-BSD1
Misc : QBQV9060225
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 15:41:38 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

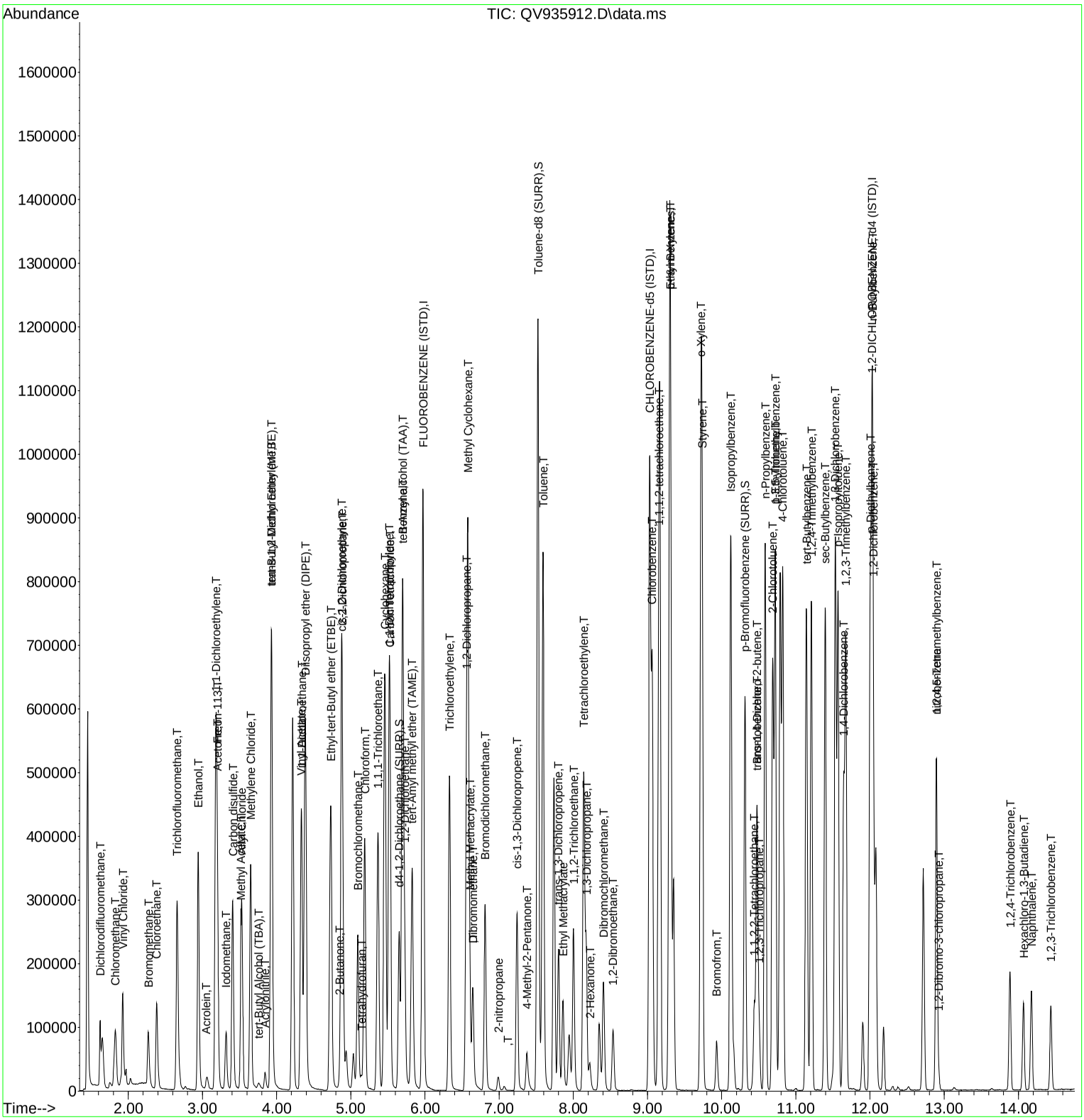
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	163631	10.69	ppb		96
48)	6.643	88	3803	45.91	ppb	#	61
49)	7.114	63	303	29.60	ppb	#	49
50) 2-nitropropane	6.989	43	20230	11.20	ppb		97
51) cis-1,3-Dichloropropene	7.242	75	219326	10.03	ppb	#	84
52) Ethyl Methacrylate	7.861	69	88645	11.29	ppb	#	46
53) 4-Methyl-2-Pentanone	7.375	43	55109	8.65	ppb		80
55) Toluene	7.591	91	684421	10.02	ppb		99
56) trans-1,3-Dichloropropene	7.800	75	165691	10.43	ppb		100
57) 1,1,2-Trichloroethane	8.003	97	87709	10.95	ppb	#	91
58) 1,3-Dichloropropane	8.175	76	156578	11.08	ppb	#	73
59) Tetrachloroethylene	8.140	166	149674	8.30	ppb		96
60) 2-Hexanone	8.224	43	34497	10.59	ppb		67
61) Dibromochloromethane	8.407	129	98515	10.39	ppb		99
62) 1,2-Dibromoethane	8.535	107	72614	10.42	ppb		100
63) Chlorobenzene	9.061	112	379979	9.75	ppb	#	87
64) 1,1,1,2-tetrachloroethane	9.151	131	123821	9.95	ppb		98
65) Ethyl Benzene	9.305	91	1113499	9.98	ppb		95
66) p- & m-Xylenes	9.305	91	1113499	19.96	ppb		96
67) o-Xylene	9.721	91	550162	10.09	ppb		96
68) Styrene	9.738	104	387232	10.64	ppb		96
69) Bromofrom	9.933	173	36481	10.03	ppb		99
71) p-Ethyltoluene	10.723	105	631663	11.94	ppb	#	69
72) Isopropylbenzene	10.125	105	681911	10.28	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	71342	11.99	ppb		97
75) Bromobenzene	10.473	77	234726	10.73	ppb	#	76
76) trans-1,4-Dichloro-2-b...	10.479	89	9548	10.77	ppb		91
77) 1,2,3-Trichloropropane	10.505	110	21323	11.53	ppb	#	91
78) n-Propylbenzene	10.587	91	776521	10.32	ppb		96
79) 2-Chlorotoluene	10.688	126	142589	10.04	ppb		87
80) 4-Chlorotoluene	10.822	126	138593	10.15	ppb	#	77
81) 1,3,5-Trimethylbenzene	10.723	105	631663	11.94	ppb		93
82) tert-Butylbenzene	11.142	119	430414	8.98	ppb	#	85
83) 1,2,4-Trimethylbenzene	11.208	105	490369	10.28	ppb		96
84) sec-Butylbenzene	11.394	105	618356	10.26	ppb		96
86) 1,3-Dichlorobenzene	11.531	146	204005	10.08	ppb	#	93
87) p-Isopropyltoluene	11.569	119	514731	10.42	ppb		96
88) 1,4-Dichlorobenzene	11.644	146	197443	9.82	ppb	#	93
89) 1,2,3-Trimethylbenzene	11.673	105	455196	9.82	ppb		96
90) nitrobenzene	12.894	77	29650	10.16	ppb	#	66
91) p-Diethylbenzene	12.002	105	266442	10.21	ppb		89
92) 1,2-Dichlorobenzene	12.045	146	161656	10.38	ppb	#	88
93) n-Butylbenzene	12.031	91	505316	10.42	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.923	75	11613	10.85	ppb	#	72
95) 1,2,4,5-Tetramethylben...	12.897	119	322679	9.89	ppb		95
96) 1,2,4-Trichlorobenzene	13.888	180	61074	9.68	ppb	#	94
97) Hexachloro-1,3-Butadiene	14.068	225	28168	9.17	ppb		93
98) Naphthalene	14.175	128	137651	11.21	ppb		100
99) 1,2,3-Trichlorobenzene	14.440	180	44138	10.46	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060225\
Data File : QV935912.D
Acq On : 2 Jun 2025 2:47 pm
Operator : AC
Sample : BF50193-BSD1
Misc : QBQV9060225
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 15:41:38 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



LCS RAW DATA

SDG: 25E1596
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935933.D
Acq On : 3 Jun 2025 12:42 pm
Operator : AC
Sample : BF50204-BS1
Misc : QBQV9060325
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 03 14:02:16 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	774301	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	509979	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.022	152	96691	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.649	65	141076	10.17	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 101.70%				
54) Toluene-d8 (SURR)	7.521	98	735088	9.97	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 99.70%				
73) p-Bromofluorobenzene (...	10.313	95	218590	10.10	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	79689	4.64	ppb		95
3) Chloromethane	1.822	50	120060	7.44	ppb		98
4) Vinyl Chloride	1.927	62	130663	8.58	ppb		98
5) Bromomethane	2.270	94	57511	6.83	ppb		99
6) Allyl Chloride	3.528	41	273640	11.11	ppb	#	48
7) Chloroethane	2.383	64	111936	9.60	ppb		95
8) Trichlorofluoromethane	2.659	101	245440	9.00	ppb		100
9) Ethanol	2.941	45	127612	1111.10	ppb		99
10) Freon-113	3.197	101	152207	10.26	ppb		85
11) 1,1-Dichloroethylene	3.179	61	242798	10.95	ppb		81
12) Acrolein	3.054	56	9106	7.30	ppb	#	49
13) Acetone	3.197	43	13349	8.87	ppb		80
14) Iodomethane	3.316	142	103372	6.19	ppb		95
15) Methyl Acetate	3.516	43	37450	11.26	ppb		77
16) Carbon disulfide	3.406	76	374313	10.48	ppb	#	91
17) tert-Butyl Alcohol (TBA)	3.763	59	11858	47.31	ppb	#	32
18) Methylene Chloride	3.650	49	198606	10.53	ppb	#	65
19) Acrylonitrile	3.842	53	17941	10.75	ppb		98
20) trans-1,2-Dichloroethy...	3.929	61	243319	11.16	ppb		79
21) tert-Butyl Methyl Ethe...	3.929	73	227410	10.12	ppb	#	79
22) 1,1-Dichloroethane	4.333	63	304462	11.00	ppb		96
23) Vinyl Acetate	4.327	43	144520	10.36	ppb		82
24) Diisopropyl ether (DIPE)	4.385	45	509035	11.27	ppb	#	83
25) Ethyl-tert-Butyl ether...	4.728	59	361592	10.14	ppb		88
26) cis-1,2-Dichloroethylene	4.873	61	265689	11.03	ppb		78
27) 2-Butanone	4.847	43	17648	10.25	ppb	#	65
28) 2,2-Dichloropropane	4.885	77	254111	10.52	ppb	#	83
29) Tetrahydrofuran	5.144	42	12467	11.65	ppb	#	62
30) Bromochloromethane	5.091	49	110264	10.67	ppb	#	59
31) Chloroform	5.184	83	275733	10.73	ppb	#	95
32) 1,1,1-Trichloroethane	5.365	97	263157	10.11	ppb		93
33) Cyclohexane	5.458	56	380584	5.54	ppb	#	81
34) 1,1-Dichloropropylene	5.516	75	221529	11.28	ppb	#	5
36) Carbon Tetrachloride	5.527	117	226107	10.49	ppb		98
37) tert-Amyl alcohol (TAA)	5.699	59	17890	125.25	ppb		93
38) 1,2-Dichloroethane	5.722	62	158633	10.84	ppb		91
39) Benzene	5.699	78	635321	11.36	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	228084	9.78	ppb	#	84
42) Trichloroethylene	6.329	95	161897	10.54	ppb		89
43) Methyl Cyclohexane	6.579	83	300006	10.97	ppb	#	74
44) Methyl Methacrylate	6.605	100	12537	8.58	ppb	#	1
45) Dibromomethane	6.643	93	48955	10.26	ppb	#	83
46) Bromodichloromethane	6.809	83	172467	10.46	ppb	#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935933.D
Acq On : 3 Jun 2025 12:42 pm
Operator : AC
Sample : BF50204-BS1
Misc : QBQV9060325
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 03 14:02:16 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

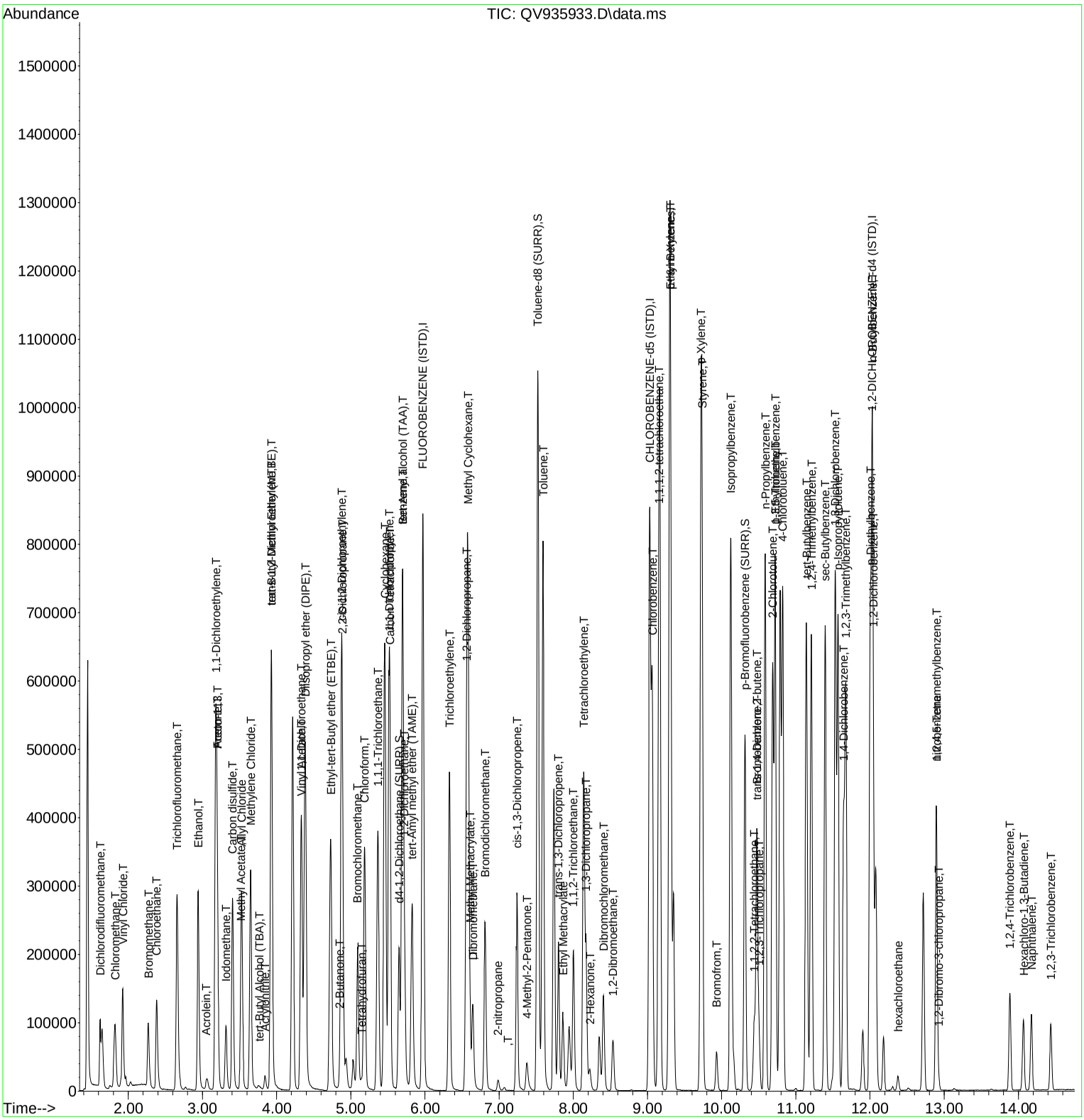
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	148502	11.43	ppb		96
48)	6.646	88	2541	36.14	ppb	#	62
49)	7.114	63	362	41.66	ppb	#	46
50) 2-nitropropane	6.986	43	14425	9.41	ppb		94
51) cis-1,3-Dichloropropene	7.239	75	187177	10.08	ppb		95
52) Ethyl Methacrylate	7.861	69	67298	10.10	ppb	#	49
53) 4-Methyl-2-Pentanone	7.373	43	40979	7.58	ppb	#	78
55) Toluene	7.591	91	635454	10.96	ppb		99
56) trans-1,3-Dichloropropene	7.800	75	134552	9.98	ppb		100
57) 1,1,2-Trichloroethane	8.000	97	71109	10.46	ppb	#	90
58) 1,3-Dichloropropane	8.172	76	130104	10.85	ppb	#	72
59) Tetrachloroethylene	8.140	166	141678	9.26	ppb		95
60) 2-Hexanone	8.221	43	25367	9.18	ppb	#	47
61) Dibromochloromethane	8.407	129	78997	9.82	ppb		99
62) 1,2-Dibromoethane	8.535	107	56250	9.51	ppb		97
63) Chlorobenzene	9.064	112	344213	10.40	ppb	#	87
64) 1,1,1,2-tetrachloroethane	9.151	131	107169	10.15	ppb		98
65) Ethyl Benzene	9.305	91	1033136	10.91	ppb		94
66) p- & m-Xylenes	9.305	91	1033136	21.82	ppb		95
67) o-Xylene	9.721	91	494158	10.67	ppb		96
68) Styrene	9.735	104	337163	10.91	ppb		94
69) Bromofrom	9.933	173	24795	8.03	ppb		93
71) p-Ethyltoluene	10.723	105	572873	12.61	ppb	#	70
72) Isopropylbenzene	10.122	105	625894	10.99	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	53891	10.54	ppb		99
75) Bromobenzene	10.473	77	200945	10.69	ppb	#	76
76) trans-1,4-Dichloro-2-b...	10.479	89	7292	9.59	ppb		94
77) 1,2,3-Trichloropropane	10.502	110	16800	10.58	ppb	#	90
78) n-Propylbenzene	10.587	91	712264	11.03	ppb		95
79) 2-Chlorotoluene	10.688	126	126377	10.36	ppb		82
80) 4-Chlorotoluene	10.822	126	121470	10.36	ppb	#	74
81) 1,3,5-Trimethylbenzene	10.723	105	572873	12.61	ppb		94
82) tert-Butylbenzene	11.142	119	383735	9.32	ppb	#	85
83) 1,2,4-Trimethylbenzene	11.208	105	431943	10.55	ppb		95
84) sec-Butylbenzene	11.394	105	546774	10.56	ppb		96
85) hexachloroethane	12.377	117	4505	0.66	ppb	#	75
86) 1,3-Dichlorobenzene	11.531	146	174862	10.06	ppb	#	91
87) p-Isopropyltoluene	11.569	119	445585	10.50	ppb		96
88) 1,4-Dichlorobenzene	11.644	146	168945	9.79	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	396410	9.96	ppb		95
90) nitrobenzene	12.894	77	23257	9.28	ppb	#	63
91) p-Diethylbenzene	12.002	105	231014	10.31	ppb		87
92) 1,2-Dichlorobenzene	12.045	146	134300	10.04	ppb	#	87
93) n-Butylbenzene	12.031	91	441304	10.60	ppb		92
94) 1,2-Dibromo-3-chloropr...	12.926	75	8388	9.13	ppb	#	67
95) 1,2,4,5-Tetramethylben...	12.894	119	257965	9.21	ppb		95
96) 1,2,4-Trichlorobenzene	13.885	180	47258	8.72	ppb		97
97) Hexachloro-1,3-Butadiene	14.068	225	23365	8.85	ppb		93
98) Naphthalene	14.175	128	95758	9.08	ppb		99
99) 1,2,3-Trichlorobenzene	14.437	180	31443	8.67	ppb	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935933.D
Acq On : 3 Jun 2025 12:42 pm
Operator : AC
Sample : BF50204-BS1
Misc : QBQV9060325
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 03 14:02:16 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935934.D
Acq On : 3 Jun 2025 1:07 pm
Operator : AC
Sample : BF50204-BSD1
Misc : QBQV9060325
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 14:04:15 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.972	96	793420	10.00	ppb		0.00
41) CHLOROBENZENE-d5 (ISTD)	9.032	117	537688	10.00	ppb	#	0.00
70) 1,2-DICHLOROBENZENE-d4...	12.025	152	103849	10.00	ppb	#	0.00
System Monitoring Compounds							
35) d4-1,2-Dichloroethane ...	5.649	65	155233	10.92	ppb		0.00
Spiked Amount 10.000	Range 77 - 125		Recovery = 109.20%				
54) Toluene-d8 (SURR)	7.521	98	767057	9.86	ppb		0.00
Spiked Amount 10.000	Range 85 - 120		Recovery = 98.60%				
73) p-Bromofluorobenzene (...	10.313	95	235278	10.13	ppb		0.00
Spiked Amount 10.000	Range 76 - 130		Recovery = 101.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.619	85	76707	4.36	ppb		96
3) Chloromethane	1.825	50	111714	6.76	ppb		98
4) Vinyl Chloride	1.924	62	123792	7.93	ppb		98
5) Bromomethane	2.270	94	54845	6.36	ppb		99
6) Allyl Chloride	3.531	41	258064	10.22	ppb	#	65
7) Chloroethane	2.383	64	108665	9.09	ppb		96
8) Trichlorofluoromethane	2.659	101	235658	8.43	ppb		99
9) Ethanol	2.944	45	146824	1247.57	ppb		99
10) Freon-113	3.197	101	148946	9.80	ppb		84
11) 1,1-Dichloroethylene	3.179	61	237747	10.46	ppb		80
12) Acrolein	3.057	56	10637	8.33	ppb	#	59
13) Acetone	3.197	43	17064	11.10	ppb		76
14) Iodomethane	3.319	142	97375	5.68	ppb		95
15) Methyl Acetate	3.516	43	43566	12.78	ppb		80
16) Carbon disulfide	3.406	76	362623	9.91	ppb	#	91
17) tert-Butyl Alcohol (TBA)	3.758	59	17854	69.52	ppb	#	40
18) Methylene Chloride	3.650	49	205356	10.63	ppb	#	65
19) Acrylonitrile	3.845	53	22227	12.99	ppb		99
20) trans-1,2-Dichloroethy...	3.929	61	235244	10.53	ppb		79
21) tert-Butyl Methyl Ethe...	3.932	73	271348	11.78	ppb	#	79
22) 1,1-Dichloroethane	4.336	63	299125	10.55	ppb		96
23) Vinyl Acetate	4.330	43	175864	12.30	ppb		81
24) Diisopropyl ether (DIPE)	4.385	45	552203	11.93	ppb	#	83
25) Ethyl-tert-Butyl ether...	4.728	59	414181	11.33	ppb		88
26) cis-1,2-Dichloroethylene	4.873	61	267008	10.82	ppb		79
27) 2-Butanone	4.850	43	24094	13.65	ppb		73
28) 2,2-Dichloropropane	4.885	77	245834	9.93	ppb	#	83
29) Tetrahydrofuran	5.144	42	16168	14.74	ppb	#	66
30) Bromochloromethane	5.094	49	117609	11.11	ppb	#	59
31) Chloroform	5.187	83	281362	10.68	ppb	#	94
32) 1,1,1-Trichloroethane	5.365	97	260285	9.76	ppb		93
33) Cyclohexane	5.460	56	372743	5.30	ppb	#	80
34) 1,1-Dichloropropylene	5.516	75	212193	10.54	ppb	#	86
36) Carbon Tetrachloride	5.527	117	217750	9.86	ppb		98
37) tert-Amyl alcohol (TAA)	5.699	59	31745	216.90	ppb	#	80
38) 1,2-Dichloroethane	5.725	62	173170	11.55	ppb		92
39) Benzene	5.699	78	632721	11.04	ppb	#	85
40) tert-Amyl methyl ether...	5.827	73	271538	11.36	ppb	#	84
42) Trichloroethylene	6.329	95	158817	9.81	ppb		90
43) Methyl Cyclohexane	6.579	83	298062	10.33	ppb	#	73
44) Methyl Methacrylate	6.605	100	17782	11.55	ppb	#	1
45) Dibromomethane	6.646	93	56188	11.17	ppb		87
46) Bromodichloromethane	6.812	83	184364	10.61	ppb	#	96

Data Path : C:\msdchem\1\data\060325\
Data File : QV935934.D
Acq On : 3 Jun 2025 1:07 pm
Operator : AC
Sample : BF50204-BSD1
Misc : QBQV9060325
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 14:04:15 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9

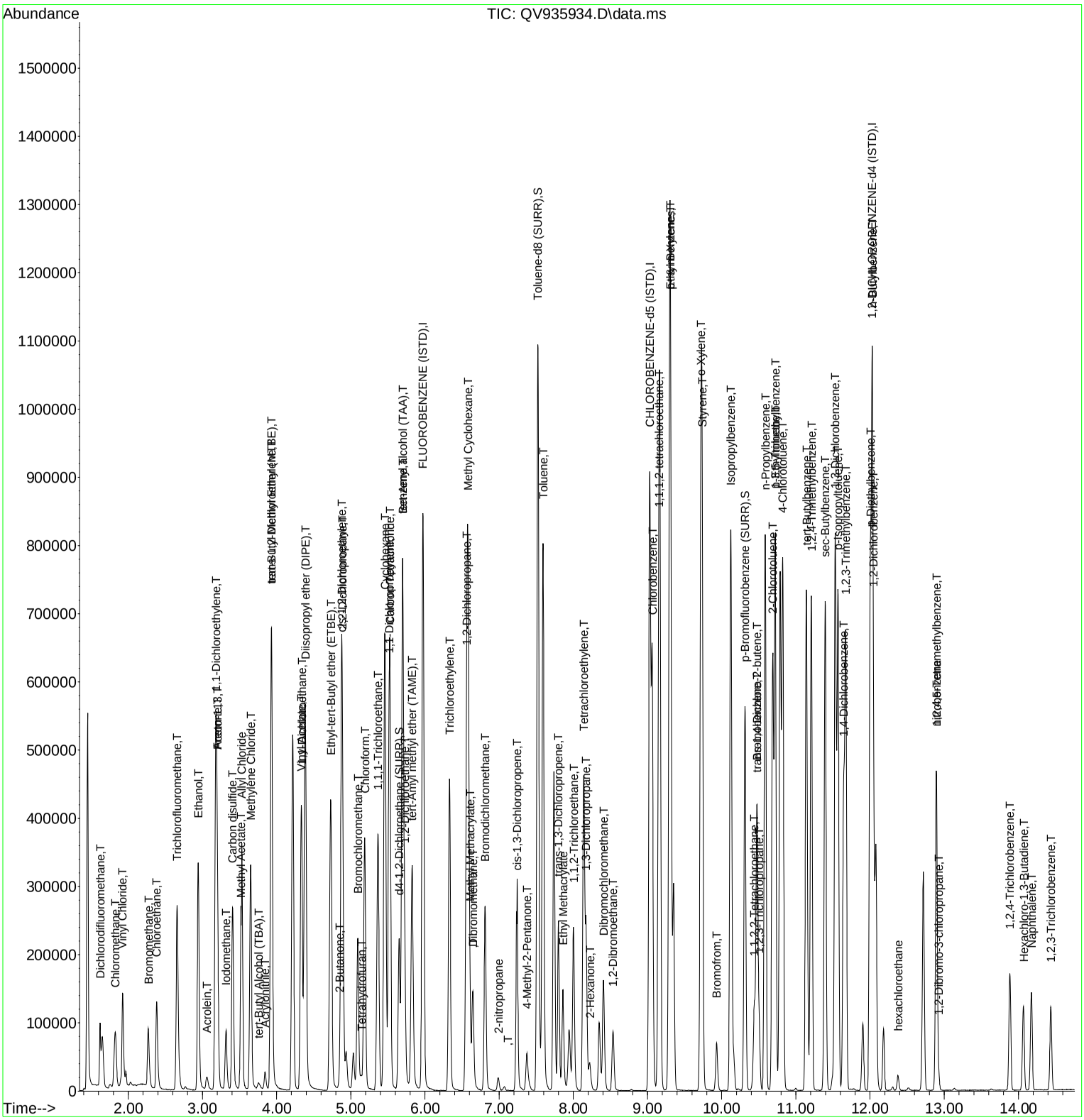
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,2-Dichloropropane	6.559	63	151691	11.07	ppb		97
48)	6.643	88	3966	53.50	ppb	#	79
49)	7.120	63	302	32.96	ppb	#	46
50) 2-nitropropane	6.989	43	17860	11.05	ppb		93
51) cis-1,3-Dichloropropene	7.239	75	203938	10.42	ppb	#	86
52) Ethyl Methacrylate	7.861	69	84283	12.00	ppb	#	49
53) 4-Methyl-2-Pentanone	7.373	43	53060	9.31	ppb		79
55) Toluene	7.591	91	640526	10.48	ppb		99
56) trans-1,3-Dichloropropene	7.800	75	153424	10.79	ppb		99
57) 1,1,2-Trichloroethane	8.003	97	82734	11.54	ppb	#	91
58) 1,3-Dichloropropane	8.172	76	147829	11.69	ppb	#	71
59) Tetrachloroethylene	8.140	166	137234	8.51	ppb		94
60) 2-Hexanone	8.221	43	33453	11.48	ppb		65
61) Dibromochloromethane	8.407	129	89846	10.59	ppb		99
62) 1,2-Dibromoethane	8.535	107	66769	10.71	ppb		99
63) Chlorobenzene	9.064	112	349559	10.02	ppb	#	87
64) 1,1,1,2-tetrachloroethane	9.151	131	113189	10.16	ppb		98
65) Ethyl Benzene	9.305	91	1042806	10.45	ppb		94
66) p- & m-Xylenes	9.305	91	1042806	20.89	ppb		95
67) o-Xylene	9.721	91	509028	10.43	ppb		96
68) Styrene	9.738	104	357970	10.99	ppb		95
69) Bromofrom	9.933	173	35181	10.80	ppb		86
71) p-Ethyltoluene	10.723	105	591524	12.12	ppb	#	69
72) Isopropylbenzene	10.125	105	627030	10.25	ppb		96
74) 1,1,2,2-Tetrachloroethane	10.441	83	66457	12.11	ppb		99
75) Bromobenzene	10.473	77	219654	10.88	ppb	#	75
76) trans-1,4-Dichloro-2-b...	10.479	89	8688	10.63	ppb		92
77) 1,2,3-Trichloropropane	10.502	110	19835	11.63	ppb	#	92
78) n-Propylbenzene	10.587	91	730561	10.53	ppb		95
79) 2-Chlorotoluene	10.688	126	130705	9.98	ppb		84
80) 4-Chlorotoluene	10.822	126	129830	10.31	ppb		88
81) 1,3,5-Trimethylbenzene	10.723	105	591524	12.12	ppb		93
82) tert-Butylbenzene	11.142	119	397120	8.98	ppb	#	84
83) 1,2,4-Trimethylbenzene	11.208	105	459873	10.46	ppb		95
84) sec-Butylbenzene	11.394	105	575785	10.36	ppb		96
85) hexachloroethane	12.377	117	5145	0.70	ppb	#	74
86) 1,3-Dichlorobenzene	11.531	146	187361	10.04	ppb	#	91
87) p-Isopropyltoluene	11.569	119	476021	10.45	ppb		95
88) 1,4-Dichlorobenzene	11.644	146	183466	9.89	ppb	#	92
89) 1,2,3-Trimethylbenzene	11.673	105	430704	10.07	ppb		95
90) nitrobenzene	12.894	77	27075	10.06	ppb	#	65
91) p-Diethylbenzene	12.002	105	247844	10.30	ppb		89
92) 1,2-Dichlorobenzene	12.045	146	153822	10.71	ppb	#	88
93) n-Butylbenzene	12.031	91	472686	10.57	ppb		95
94) 1,2-Dibromo-3-chloropr...	12.923	75	10906	11.05	ppb	#	71
95) 1,2,4,5-Tetramethylben...	12.894	119	294992	9.80	ppb		96
96) 1,2,4-Trichlorobenzene	13.885	180	57555	9.89	ppb	#	96
97) Hexachloro-1,3-Butadiene	14.068	225	27327	9.64	ppb		96
98) Naphthalene	14.175	128	126569	11.17	ppb		99
99) 1,2,3-Trichlorobenzene	14.437	180	38734	9.95	ppb	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\060325\
Data File : QV935934.D
Acq On : 3 Jun 2025 1:07 pm
Operator : AC
Sample : BF50204-BSD1
Misc : QBQV9060325
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 14:04:15 2025
Quant Method : C:\msdchem\1\methods\VQ928May2025_Water.M
Quant Title : Volatile Organics EPA 8260D-Water
QLast Update : Fri May 30 06:45:19 2025
Response via : Initial Calibration
InstName : QVOA9



BENCHSHEETS

SDG: 25E1596

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BF50193

Preparation Date: 06/02/2025 12:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25E1596-01 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-02 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-03 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-04 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-05 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-06 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-07 B	VOA, 8260 LOW MASTER	25	25							<2	NA		
25E1596-08 A	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50193-BLK1	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50193-BS1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50193-BSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50193-MS1	VOA, 8260 LOW MASTER	25	25	S25E419	5			25E1596-05		<2	NA		
BF50193-MSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5			25E1596-05		<2	NA		

Reagent

Standard/Reagent ID	Description	LotNum	Volume
Y21C284	Antifoam B Silicone Emulsion	0000272215	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25E419	Q_VOA - ICV/LCS/MS Static @ 10 ppb	051425	5

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
Y22H072	Q_VOLATILES SURROGATE Static Mix @ 10ppb	-	1

Preparations Performed by Brittany Michelle Connolly **Date:** **07/04/2022 12:35**

BENCHSHEETS

SDG: 25E1596

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BF50204

Preparation Date: 06/02/2025 11:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25E1596-01RE1 B	VOA, 8260 LOW MASTER	25	25							<2	NA		From BF50193 by AC on 06/03/2
BF50204-BLK1	VOA, 8260 LOW MASTER	25	25							<2	NA		
BF50204-BS1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		
BF50204-BSD1	VOA, 8260 LOW MASTER	25	25	S25E419	5					<2	NA		

Reagent

Standard/Reagent ID	Description	LotNum	Volume
Y21C284	Antifoam B Silicone Emulsion	0000272215	

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25E419	Q_VOA - ICV/LCS/MS Static @ 10 ppb	051425	5

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
Y22H072	Q_VOLATILES SURROGATE Static Mix @ 10ppb	-	1

Preparations Performed by Brittany Michelle Connolly **Date:** **07/04/2022 12:35**

HydroTech Environmental
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October 24, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Attn.: Ms. Wendi Zheng, Project Manager

Re: Quarterly Status Report # 5 – June 2025 to August 2025
1036 Manhattan Ave BCP Site
NYSDEC BCP Site #C224315
170 Freeman Street, Brooklyn New York (the "Site")

Dear Ms. Zheng:

We are presenting Quarterly Status Report (QSR), covering the period of June 2025 to August 2025, for the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site **#C241159** (the Site). The scope of work presented in this document was performed in accordance with the February 2022 Interim Remedial Measures Work Plan (IRM WP) and the September 2025 Site Management Plan. This work involved a fifth quarterly monitoring and sampling event of six off-site groundwater monitoring wells following in-situ groundwater bioremedial treatment.

Site Description and Background

The Site is located at 170 Freeman Street and is identified as 1036 Manhattan Ave BCP Site, NYSDEC Site #C241159. Contaminants of concern at this Site consisted of chlorinated volatile organic compounds (CVOCs) and included tetrachloroethene (PCE) and its derivative compounds including cis-1,2-dichloroethylene (cis-1,2-DCE) methylene chloride and trans-1,2-dichloroethylene (trans-1,2-DCE) and vinyl chloride (VC). This Site was remediated in accordance with a February 2022 IRM WP and a November 2023IRM WP Addendum. IRM(s) activities involved *in-situ* bioremedial injections of 3_D Microemulsion Factory Emulsified (3DME) mixed with additive identified as Bio-Dechlor Innoculum Plus (BDI Plus) in February 2024 to treat CVOCs in groundwater. IRM activities also included dewatering and source removal to below the saturated zone as well as the installation of engineering controls consisting of a cover system and an active vapor mitigation system.

All elements of the IRM(s) have been successfully performed at this Site and were documented in an IRM Construction Completion Report (IRM CCR) dated July 2025.

Subsequently, NYSDEC has selected a No Further Action remedy for this Site, and a Site Management Plan (SMP) dated September 2025 was prepared to manage installed engineering controls and the continuation of the groundwater monitoring program that has been instituted in the IRM. This groundwater monitoring program consisted of the quarterly groundwater sampling of an existing network of six (6) off-Site groundwater monitoring wells designated as MW-9, MW-10, MW-11R, MW-13R, MW-14, and MW-15. **Figure 1** provides a Site map showing the location of the monitoring wells around the Site.

Groundwater Monitoring and Sampling

This fifth quarterly groundwater sampling was performed on August 27, 2025 for all monitoring wells except for MW-9 located in the sidewalk in northwestern downgradient vicinity of the Site. During the August sampling event, MW-9 could not be sampled due to blockage from fallen debris inside it, potentially from a recent sidewalk repair. The blockage inside this well was removed on September 19, 2025 by physical agitation using Air Knife nozzle. No investigation derived waste (IDW) was generated during this action as the blockage was due to a fallen rock. Monitoring wells MW-9 was then sampled on September 25, 2025.

Prior to groundwater sampling, each well was gauged to determine the depth to water using Solinst 122 Oil/Water Interface Probe. **Table 1** provides the results of groundwater monitoring performed in all monitoring wells over time until recently. As **Table 1** indicates, no free product was detected in any of the gauged monitoring wells. The depth to water during this reporting period ranged between 9.08 feet in MW-10 to 11.20 feet in MW-14. The depth to water during August 2025 showed an increase in all monitoring wells by an average of 0.87 feet from the May 2025 monitoring event.

Utilizing the casing elevations and the depth to water measured in the monitoring wells during this period in August 2025, the groundwater elevations in the wells were then determined, which therefore, allowed for the determination of the groundwater flow direction. The groundwater flow direction in the vicinity of the Site was determined to be toward the north and northwest, consistent with the historic flow directions reported overtime. **Figures 2** provides the contour map of groundwater flow direction during August 2025.

Monitoring well sampling was performed utilizing a low flow pump fitted with dedicated polyethylene tubing. The monitoring wells were purged and sampled in accordance with the USEPA's Region 1 Low-Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells (EQASOP #GW4, Rev. September 19, 2017) and following the stabilization of water quality indicator parameters by running the pumped groundwater through a Horiba U-52 Multiparameter Meter.

Each well was pumped with a Peristaltic DC Pump by Geotech Geopump at a rate between 100 – 200 ml/min till the turbidity of the groundwater reached desired level (less than 50 NTU) and stabilized. The static depth to water and turbidity were recorded every 5 minutes after the pumping started. In addition, other aquifer parameters including pH, dissolved Oxygen, redox potential or ORP, temperature and specific conductivity were also recorded throughout the process. The depth to water was measured by Interface Probe. The groundwater samples were analyzed for VOCs via EPA Method 8260 in accordance with a Quality Assurance Project Plan (QAPP) presented in Appendix 9 of the September 2024 SMP. Groundwater monitoring / sampling / purge logs generated during this sampling event are included in **Appendix 1**.

Collected groundwater samples from the monitoring wells were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. The samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory and analyzed for VOCs in accordance with EPA Method 8260. **Appendix 2** provides a copy of the laboratory report.

All purge water and equipment decontamination liquid were contained in a 55-gallon drum that is currently staged on-site, for offsite disposal at a later date.

Groundwater Results

Table 2 provides the VOC results for the recent groundwater sampling from the six off-site monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15. **Table 2** provides a comparison of results to NYSDEC 6NYCRR Part 703.5 Class groundwater Quality Standards (GQS).

As T**able 2** indicates, CVOCs were detected in three off-site monitoring well MW-9, MW-10 and MW-11R at concentrations exceeding their respective Method Detection Limits. Individual CVOCs concentrations exceeding their respective QGS in these three wells included the following:

- cis-1,2-DCE (412 µg/L) and trans-1,2-DCE (12 µg/L) detected in MW-9;
- cis-1,2-DCE (7.7 µg/L) detected in MW-11R;
- chloroform (15 µg/L) detected in MW-10.

No other VOCs were detected in any monitoring wells at concentration exceeding their GQS. **Figure 3** provided a map of CVOCs in groundwater pre- & post-remedial injections.

A Data Usability Summary Report (DUSR) was prepared for the recent analytical results for the groundwater samples by an independent data reviewer, Dr. Amine Dahmani. The results of the DUSR for analytical results indicate that the data is acceptable with minor

issues in data summaries. All data is considered usable. A copy of the DUSR is provided in **Appendix 3**.

This groundwater data was also submitted electronically to the NYSDEC through NYSDEC EQuIS Automated Data Loading (ADL) system using the NYSDEC standardized Electronic Data Deliverable (EDD) format.

Evaluation of Groundwater Quality

The groundwater flow direction beneath the Site is toward the north and northwest and no free product was detected in any of the monitoring wells. This information is consistent with historic Site records.

Concentrations of CVOCs associated with the Site contaminants in exceedance of GQS continue to be present in the immediate northwestern and northern downgradient vicinity of the Site as evidenced by the analytical results of MW-9 and MW-11R. None of these Site-related CVOCs in exceedance of GQS were detected across the northern and western vicinities of the Site as evidenced by the analytical results of MW-10, MW-13R, MW-14 and MW-15. The individual detection of chloroform exceeding GQS in MW-10 is likely to be related to laboratory contamination.

CVOCs concentrations detected in off-site groundwater over time are summarized in **Table 3**. Cis-1,2-DCE and trans-1,2-DCE continue to be detected in monitoring well MW-9. The concentrations of these two CVOCs in MW-9 have fluctuated overtime since November 2024 with a high degree of a polynomial correlation with the water table elevations. **Figure 4** provides the trends of cis-1,2-DCE and trans-1,2-DCE concentrations detected in MW-9 with respect to changes in the depth to water.

Residual concentrations cis-1,2-DCE also continue to be detected in MW-11R following injections with inconsistent exceedances of GQS over time. The trend of fluctuations of this compound in this well does not show a correlation with groundwater elevation. **Figure 5** provides the trends of cis-1,2-DCE concentrations detected in MW-11R with respect to changes in the depth to water.

Site-related CVOCs in the remaining monitoring wells have not been detected for an extended period as evidenced by the results MW-10, MW-13R, MW-14, and MW-15.

Conclusions

Based upon the information and data presented above, we can conclude that:

- Groundwater flow direction beneath the Site has been determined toward the north and northwest. No free product has been detected in any monitoring wells.

- Groundwater sampling continues to indicate individual CVOCs in exceedance of GQS are detected in the northwestern and northern adjacent vicinities of the Site in MW-9 and MW-11R.
- No Site-related impact of CVOCs has been reported overtime in the remaining monitoring wells MW-10, MW-13R, MW-14, and MW-15.

Recommendation

- The quarterly sampling of the wells will continue. The next sampling is scheduled for November 2025.

Very Truly Yours,
Hydro Tech Environmental Engineering and Geology, DPC

Paul I. Matli, PhD, PG
Senior Project Manager

cc: J. O'Connell - NYSDEC w/ Enc. (by email)
G. Duke, Esq. – Fox Rothschild LLP. w/ Enc. (by email)
M. Kesten - BK Corners LLC w/ Enc. (by email)
D. Greenberg - 170 Freeman LLC (by email)
T. Khouri, PE – HydroTech (by email)
Hydro Tech files 210010 & 230051 w/ Enc.

Attachments

Figures

1- Map of Groundwater Sampling Locations
2- Groundwater Flow Diagram
3- Map of CVOCs in Groundwater Pre- and Post- Remedial Injections
4- Trends of Cis-1,2-DCE and Trans-1,2-DCE Concentrations in MW-9 With Depth to Water (A, B)
5- Trends of Cis-1,2-DCE Concentrations in MW-11R With Depth to Water

Tables

1- Groundwater Monitoring and Surveying Data Over Time
2- Groundwater Samples Analytical Results
3- Groundwater Samples Analytical Results for CVOCs Overtime

Appendices

1- Groundwater Monitoring/Sampling/Purge Logs
2- Laboratory Report
3- DUSR

EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client. No warranty, expressed or implied, is made whatsoever in connection with this report.

In preparing this report, HydroTech Environmental Engineering and Geology, DPC. may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to HydroTech Environmental Engineering and Geology, DPC. at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, HydroTech Environmental Engineering and Geology, DPC. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to non-hazardous or hazardous materials, in that portion of the subject property or structure. In addition, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

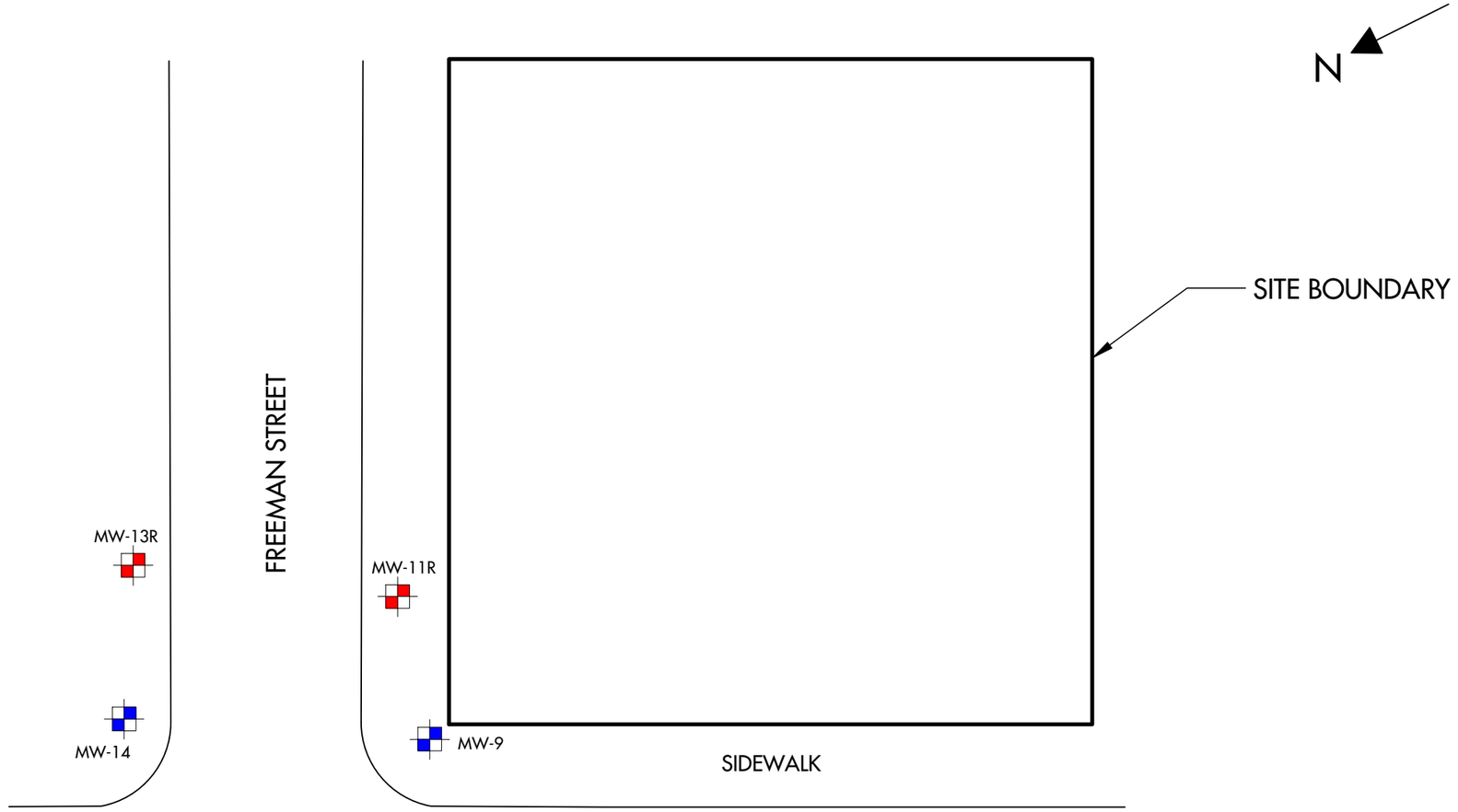
Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory conducted such analyses, HydroTech has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data has been reviewed, and interpretations were made in the report. As indicated within the report,

some of the data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly. If in the opinion of the Client/User or any third-party claiming reliance on this report, that HydroTech was negligent or in breach of contract, such aforementioned parties shall have 6 months from the date of HydroTech' s visit to make a claim.

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FIGURES



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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

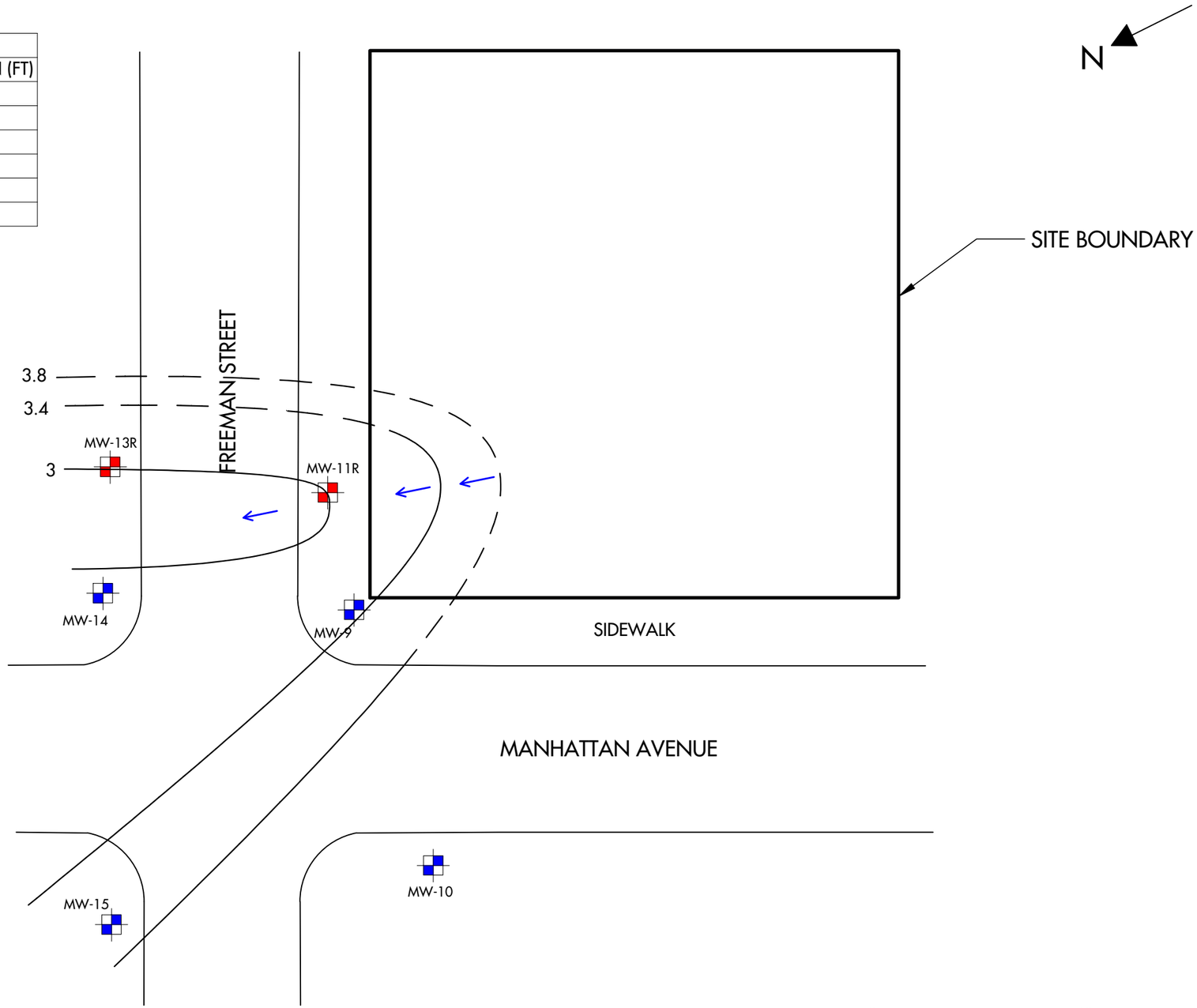
170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 1: MAP OF GROUNDWATER SAMPLING LOCATIONS

PROJECT NO.	DATE
230051	03/24/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

C.I = 0.4	
WELL ID	WATER TABLE ELEVATION (FT)
MW-9	NOT MEASURED
MW-10	5.53
MW-11R	3.03
MW-13R	3
MW-14	3.10
MW-15	3.45



LEGEND:
- SITE BOUNDARY
- MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
- REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER CONTOUR LINE DASHED WERE INFERRED

C.I. = CONTOUR INTERVAL

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

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TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 2: GROUNDWATER FLOW DIAGRAM- AUGUST 2025

PROJECT NO.	DATE
230051	10/08/2025
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Sample ID	MW-13										MW-13R		GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N		0.327	U	5
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N		0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N		0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N		0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N		0.249	U	5
VC	0.47	J	5.36		0.469	U	1.07		N		0.469	U	2

Sample ID	MW-14												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.469	U	2

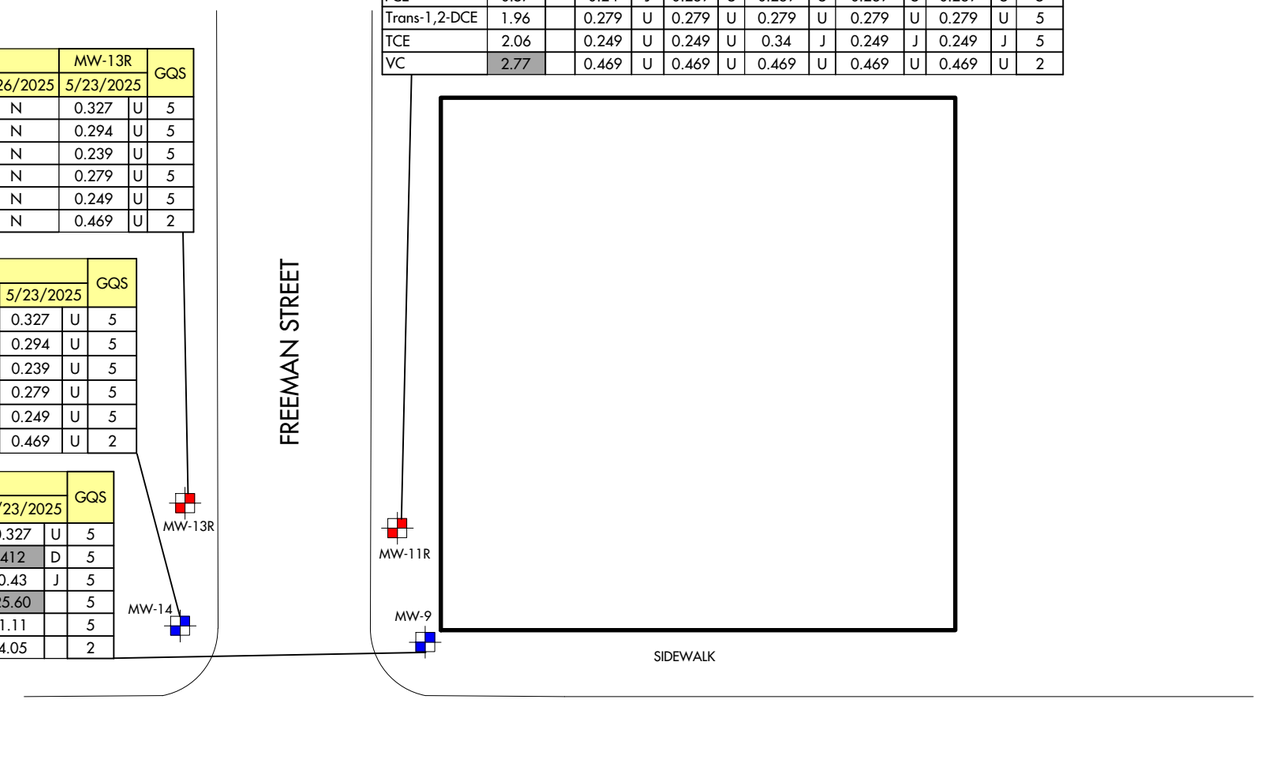
Sample ID	MW-9												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	D	412	D	5
PCE	0.21	J	1.58		0.77		0.76		0.31	J	0.43	J	5
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50		25.60		5
TCE	0.76		0.97		0.69		1.02		1.03		1.11		5
VC	23.40		0.58		2.75		5.73		2.16		4.05		2

Sample ID	MW-11		MW-11R										GQS
Sampling Date	9/20/2021		1/15/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.25	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	124	D	0.580		0.294	U	12.70		3.80		4.06		5
PCE	0.57		0.24	J	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	1.96		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	2.06		0.249	U	0.249	U	0.34	J	0.249	J	0.249	J	5
VC	2.77		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-15												GQS
Sampling Date	9/21/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-10												GQS
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	1.43		0.294	U	166	D	0.294	U	0.294	U	1.24		5
PCE	0.200	U	0.239	U	0.74		0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	6.03		0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.67		0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	2.68		0.469	U	0.469	U	0.469	U	2





LEGEND:

- MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
- REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)
- SHADED CONCENTRATIONS EXCEEDS GQS

NOTES:
ALL CONCENTRATIONS ARE REPORTED IN µg/L
U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED
D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION
J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT) - DATA IS ESTIMATED
E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES
~ = THIS INDICATES THAT NO REGULATORY LIMIT HAS BEEN ESTABLISHED FOR THIS ANALYTE
9/20/2021 = SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED DURING THE REMEDIAL INVESTIGATION
1/2/2024 = SHALLOW DEPTH BASELINE GROUNDWATER SAMPLING PERFORMED PRIOR TO REMEDIAL INJECTIONS
8/6/2024 TO 2/26/25 =SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED FOLLOWING REMEDIAL INVESTIGATION
PCE = TETRACHLOROETHYLENE
TCE = TRICHLOROETHYLENE
1.1-DCE = 1,1-DICHLOROETHYLENE
CIS-1,2-DCE = CIS-1,2-DICHLOROETHYLENE
TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHYLENE
VC = VINYL CHLORIDE

NA = NOT SAMPLED DUE TO LIMITED ACCESS
GQS = NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA
N = NOT SAMPLED - MONITORING WELL DESTROYED

0 20 40
APPROXIMATE SCALE IN FEET

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DATE	DESCRIPTION	CHK

SEAL & SIGNATURE

HYDROTECH ENVIRONMENTAL ENGINEERING AND GEOLOGY, DPC

231 WEST 29TH STREET, SUITE 1104, NEW YORK, NY 10001

TEL: (631) 462-5866

BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS

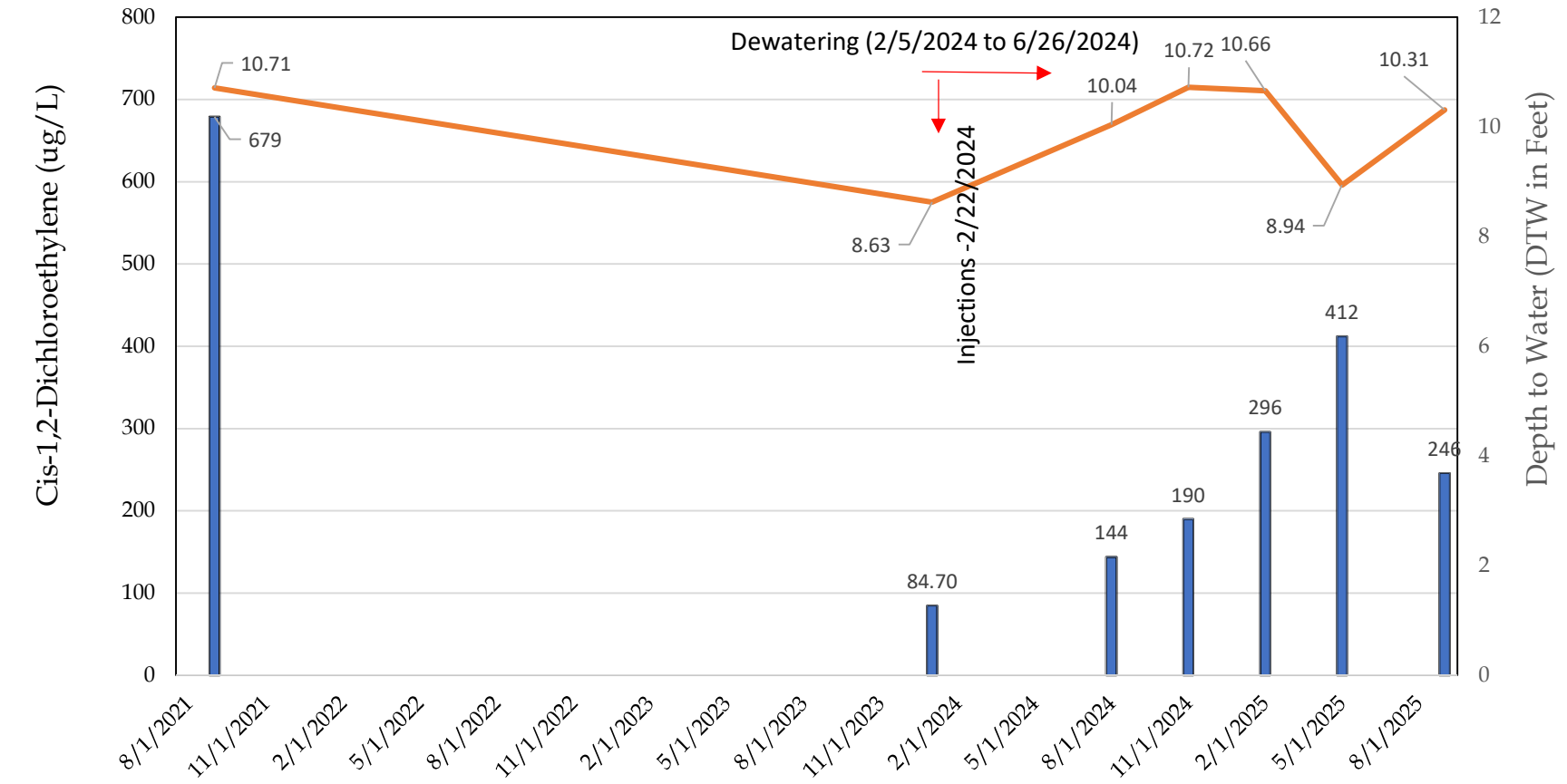
170 FREEMAN STREET, BROOKLYN, NY

PROJECT FIGURE

FIGURE 3: MAP OF CVOCs IN GROUNDWATER PRE- AND POST-REMEDIAL INJECTIONS

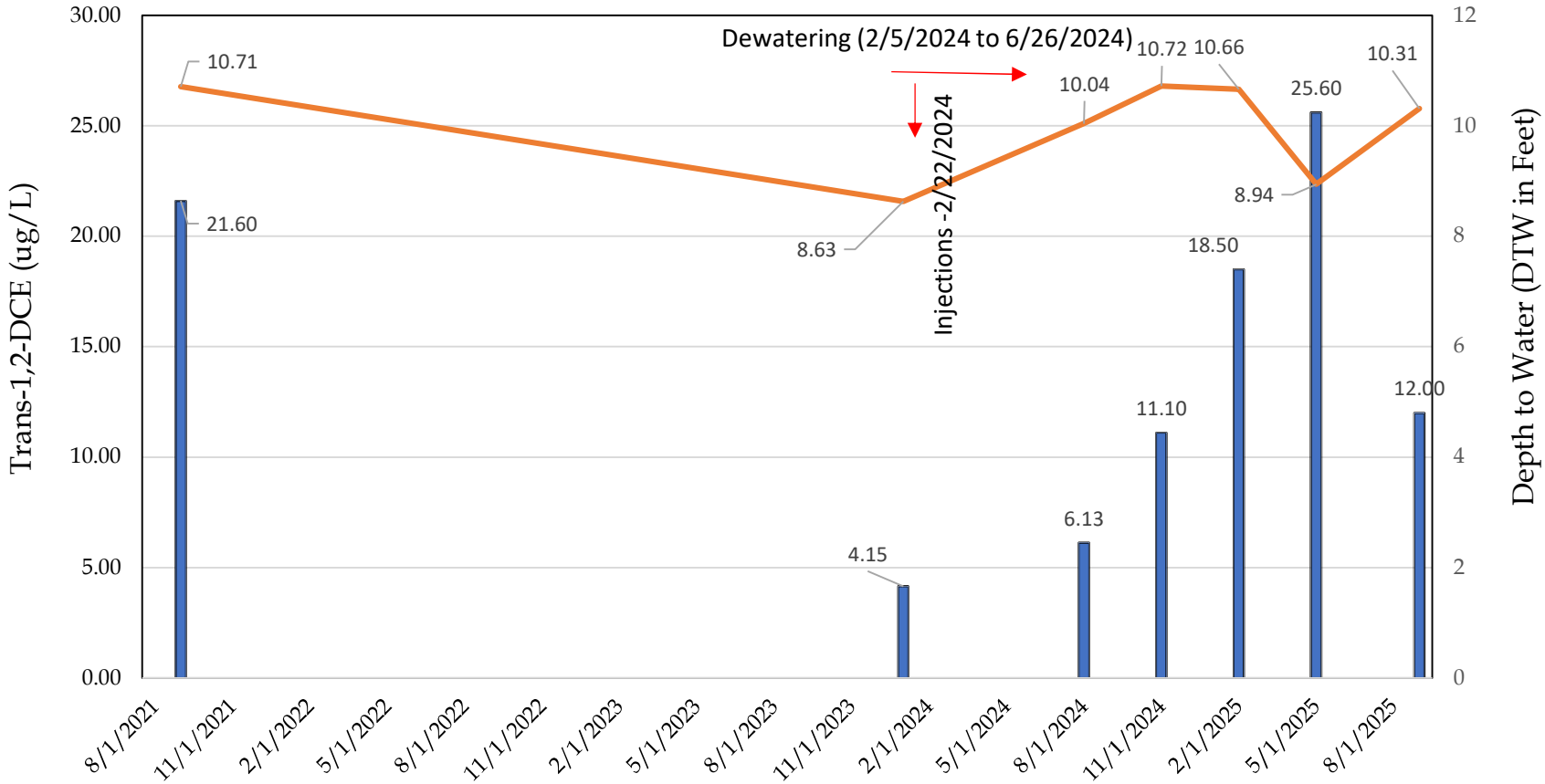
PROJECT NO.	DATE
230051	06/04/25
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Figure 4A - Trends of Cis-1,2-DCE Concentrations in MW-9 with DTW



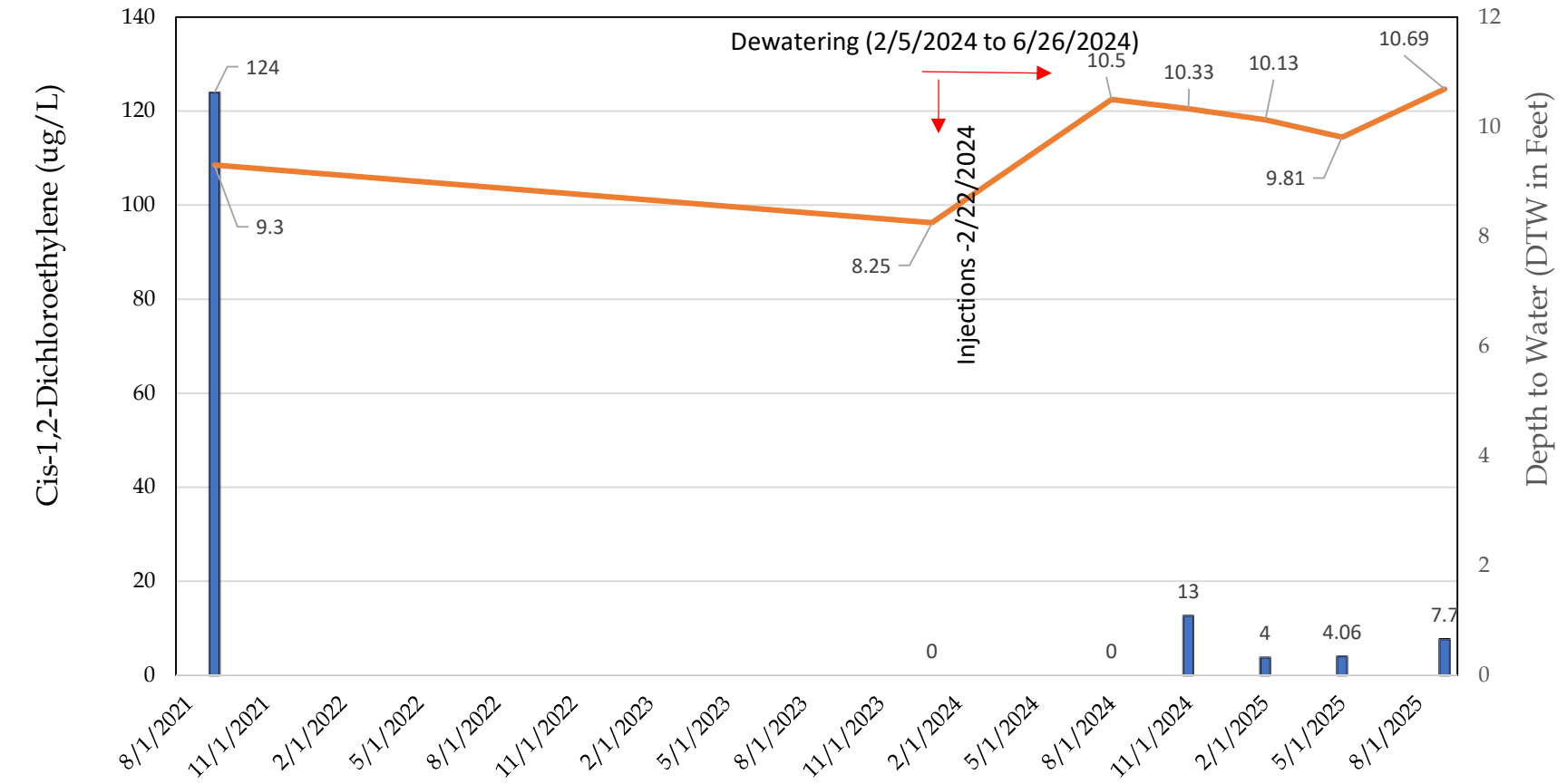
	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	9/25/2025
Cis-1,2-DCE	679	84.70	144	190	296	412	246
DTW	10.71	8.63	10.04	10.72	10.66	8.94	10.31

Figure 4B - Trends of Trans-1,2-DCE Concentratioons in MW-9 with DTW



	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	9/25/2025
Trans-1,2-DCE	21.60	4.15	6.13	11.10	18.50	25.60	12.00
DTW	10.71	8.63	10.04	10.72	10.66	8.94	10.31

Figure 5 - Trends of Cis-1,2-DCE Concentrations in MW-11 and MW-11R with DTW



	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	9/25/2025
Cis-1,2-DCE	124	0	0	13	4	4.06	7.7
DTW	9.3	8.25	10.5	10.33	10.13	9.81	10.69

TABLES

Table 1
Groundwater Monitoring and Surveying Data Over Time
170 Freeman Street, Brooklyn, NY

Well ID	Well Diameter	Casing Elevation [1]	DTW						Water Table Elevation					
			Jan-24	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Jan-24	Aug-24	Nov-24	Feb-25	May-25	Aug-25
MW-9	2	13.58	8.63	10.04	10.72	10.66	8.94	10.31[2]	4.95	3.54	2.86	2.92	4.64	3.27[2]
MW-10	2	14.61	9.29	9.95	10.25	9.26	8.81	9.08	5.32	4.66	4.36	5.35	5.80	5.53
MW-11R	2	13.72	8.25	10.5	10.33	10.13	9.81	10.69	5.47	3.22	3.39	3.59	3.91	3.03
MW-13R	2	13.33	9.63	10.52	10.54	N	9.42	10.33	4.23	3.34	3.32	N	3.91	3.00
MW-14	2	14.3	10.37	10.97	11.05	10.23	10.52	11.20	3.93	3.33	3.25	4.07	3.78	3.10
MW-15	2	14.27	9.83	10.40	10.32	10.22	9.70	10.82	4.44	3.87	3.95	4.05	4.57	3.45

All values reported in feet

DTW…Depth to Water

[1] *…Water table elvation obtained from casing elevation from NAVD-88 by Perfect Point Land Surveying*

[2] *…Depth to water was monitored in Sept-2025 following physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair*

NM… Not measured - Monitorig well desrtoyed

Table 2
Groundwater Samples Analytical Results - August 2025
170 Freeman Street, Brooklyn, NY

Sample ID	MW-9 (1)		MW-10		MW-11R		MW-13R		MW-14		MW-15		EB		TB		TB (1)		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	9/25/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		8/27/2025		9/25/2025		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		DI Water		DI Water		DI Water		
Units	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Compound	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
1,1,1,2-Tetrachloroethane	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	5
1,1,1-Trichloroethane	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	5
1,1,2,2-Tetrachloroethane	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	5
1,1,2-Trichloroethane	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	1
1,1-Dichloroethane	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	5
1,1-Dichloroethylene	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
1,2,3-Trichlorobenzene	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	5
1,2,3-Trichloropropane	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.04
1,2,4-Trichlorobenzene	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	5
1,2,4-Trimethylbenzene	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	5
1,2-Dibromo-3-chloropropane	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.04
1,2-Dibromoethane	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.0006
1,2-Dichlorobenzene	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	3
1,2-Dichloroethane	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.6
1,2-Dichloropropane	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	1
1,3,5-Trimethylbenzene	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	5
1,3-Dichlorobenzene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	3
1,4-Dichlorobenzene	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	3
2-Butanone	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	50
2-Hexanone	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	50
4-Methyl-2-pentanone	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	~
Acetone	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	1.340	U	**1.44**	J	**3.01**	B	50
Acrolein	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	5
Acrylonitrile	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	~
Benzene	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	1
Bromochloromethane	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	5
Bromodichloromethane	0.245	U	**1.15**		0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	50
Bromoform	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	50
Bromomethane	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	5
Carbon disulfide	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	~
Carbon tetrachloride	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	5
Chlorobenzene	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	5
Chloroethane	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	5
Chloroform	0.243	U	**15**		0.243	U	0.243	U	0.243	U	0.243	U	**4.86**		0.243	U	0.243	U	7
Chloromethane	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	5
cis-1,2-Dichloroethylene	**246**	BD	0.294	U	**7.77**		0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
cis-1,3-Dichloropropylene	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.4
Cyclohexane	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	~
Dibromochloromethane	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	50
Dibromomethane	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	~
Dichlorodifluoromethane	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	5
Ethyl Benzene	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	5
Hexachlorobutadiene	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.5
Isopropylbenzene	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	5
Methyl acetate	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	~
Methyl tert-butyl ether (MTBE)	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	10
Methylcyclohexane	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	~
Methylene chloride	0.397	U	**0.47**	J	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	**1.33**	J	0.397	U	5
n-Butylbenzene	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	5
n-Propylbenzene	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	5
o-Xylene	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	5
p- & m- Xylenes	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	~
p-Isopropyltoluene	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	5
sec-Butylbenzene	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	5
Styrene	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	5
tert-Butyl alcohol (TBA)	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	~
tert-Butylbenzene	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	5
Tetrachloroethylene	**0.37**	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Toluene	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	5
trans-1,2-Dichloroethylene	**12**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
trans-1,3-Dichloropropylene	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.4
trans-1,4-dichloro-2-butene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	~
Trichloroethylene	**0.71**		0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	5
Trichlorofluoromethane	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U	5
Vinyl Chloride	**0.78**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2
Xylenes, Total	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U	5

NOTES:
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte
GQS=NYSDEC TOGS Standards and Guidance Values - GA
(1)…Sample collected 7 days flowing physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair
Shaded concentration exceeds GQS

Table 3
Groundwater Samples Analytical Results for CVOCs Overtime
170 Freeman Street, Brooklyn,NY

Sample ID	MW-9														MW-10														MW-11		MW-11R												GQS
Sampling Date	9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		**9/25/2025** [1]		9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		**8/27/2025**		9/20/2021		1/15/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		**8/27/2025**		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	**0.25**	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327		5
Cis-1,2-DCE	**679**	D	**84.70**	D	**144**	E	**190**	D	**296**	D	**412**	D	**246**	BD	**1.43**		0.294	U	**166**	D	0.294	U	0.294	U	**1.24**		0.294	U	**124**	D	0.580		0.294	U	**12.70**		**3.80**		**4.06**		**7.77**		5
PCE	**0.21**	J	**1.58**		**0.77**		**0.76**		**0.31**	J	**0.43**	J	**0.37**	J	0.200	U	0.239	U	**0.74**		0.239	U	0.239	U	0.239	U	0.239	U	**0.57**		**0.24**	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239		5
Trans-1,2-DCE	**21.60**		**4.15**		**6.13**		**11.10**		**18.50**		**25.60**		**12**		0.200	U	0.279	U	**6.03**		0.279	U	0.279	U	0.279	U	0.279	U	**1.96**		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279		5
TCE	**0.76**		**0.97**		**0.69**		**1.02**		**1.03**		**1.11**		0.370	J	0.200	U	0.249	U	**0.67**		0.249	U	0.249	U	0.249	U	0.239	U	**2.06**		0.249	U	0.249	U	**0.34**	J	0.249	U	0.249	U	0.239		5
VC	**23.40**		**0.58**		**2.75**		**5.73**		**2.16**		**4.05**		**0.78**		0.200	U	0.469	U	**2.68**		0.469	U	0.469	U	0.469	U	0.469	U	**2.77**		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469		2

Sample ID	MW-13									MW-13R				MW-14														MW-15														GQS
Sampling Date	9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**	**5/23/2025**		**8/27/2025**		9/20/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		**8/27/2025**		9/21/2021		1/2/2024		**8/6/2024**		**11/7/2024**		**2/26/2025**		**5/23/2025**		**8/27/2025**		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	**0.28**	J	**1.35**		**6.99**		**0.48**	J	N	0.294	U	0.294	U	**0.27**	J	0.294	U	**0.32**	J	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N	0.249	U	0.239	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	0.239	U	5
VC	**0.47**	J	**5.36**		0.469	U	**1.07**		N	0.469	U	0.469	U	0.200	U	0.469	U	**0.57**		0.469	U	0.469	U	0.469	U	0.469	U	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

NOTES:
All Concentrations are reported in ug/L
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte
Shaded concentration exceeds GQS
9/20/2021 = Shallow depth goundwater sampling performed during the remedial investigation
1/2/2024 = Shallow depth baseline groundwater sampling performed prior to remedial injections
8/6/2024 to to 9/25/2025 = Shallow depth goundwater sampling performed following remedial investigation
8/6/2024=Bold dates represent sampling post groundwater remediation
[1]…Sample collected 7 days flowing physical agitation of well by Air Knife nozzle to remove fallen
PCE=Tetrachloroethylene
TCE=Trichloroethylene
1.1-DCE=1,1-Dichloroethylene
Cis-1,2-DCE=cis-1,2-Dichloroethylene
Trans-1,2-DCE=Trans-1,2-Dichloroethylene
VC=Vinyl Chloride
NA= Not sampled due to limited access
GQS=NYSDEC TOGS Standards and Guidance Values - GA
N=Not sampled - Monitorinbg well destroyed

APPENDICES

APPENDIX 1
GROUNDWATER MONITORING/SAMPLING/PURGE LOGS

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: 53198 Well No.: MW-9 Date: 09/25/2025

Well Depth: 15 ft Screen Length: _____ Well Diameter: 2in Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: — Initial DTW: 10.31 ft

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Marie Rose

Low Flow Sampling required ? Yes : _____ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
900 AM	—	10.31	7.89	21.91	5.64	4.36	30.7	157	—
905 AM	—	10.82	8.76	95.62	2.81	3.79	30.1	162	0.5
910 AM	—	11.2	8.77	21.96	5.55	2.58	30.6	167	0.5
915 AM	—	11.74	8.78	21.79	5.53	2.51	33.3	170	0.5
920 AM	—	11.93	8.76	21.73	5.51	2.92	31.0	172	0.5
925 AM	—	12.1	8.74	21.75	5.52	2.90	30.0	173	0.5
930 AM	—	13.34	8.79	21.70	5.50	2.91	30.2	174	0.5
935 AM	—	12.62	8.86	21.68	5.48	2.92	30.2	175	0.5

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

Monitoring Well Sampling Log Sheet

Job No.: 230051 Well No.: MW-10 Date: 8/27/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 9.08

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Matthew Sanchez & Donovan Edwards

Low Flow Sampling required ? Yes : X No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F) C	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
1110		9.08	10.72	20.08	0.146	2.86	35.9	80	0.05
1115		9.75	9.14	21.39	0.164	2.75	31.6	77	0.05
1120		9.87	9.26	22.33	0.141	1.62	64.30	90	0.05
1125		10.03	8.95	22.55	0.140	1.61	63.2	95	0.05
1130		10.08	8.90	22.70	0.144	1.60	52.4	93	0.05
1135		10.10	8.88	22.72	0.144	1.65	49.5	91	0.05

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: 230051 Well No.: MW-11R Date: 8/27/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 10.59

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Matthew Sanchez & Donavan Edwards

Low Flow Sampling required ? Yes : X No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
1015		10.59	7.92	19.98	5.51	1.64	35.1	4	0.05
1020		12.52	7.83	20.00	5.57	0.73	31.4	54	0.05
1025		13.31	7.77	20.18	5.53	1.06	34.2	85	0.05
1030		14.30	7.71	20.11	5.60	0.97	31.5	102	0.05

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

Monitoring Well Sampling Log Sheet

Job No.: 230051 Well No.: MW-13R Date: 8/27/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 10.33

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Matthew Sanchez, BDonovan Edwards

Low Flow Sampling required ? Yes : X No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)C	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
0945		10.33	8.59	20.27	2.75	2.03	26.6	-64	0.06
0950		10.71	8.53	20.27	2.75	0.78	24.4	-60	0.05
0955		10.84	8.54	20.23	2.76	0.57	24.8	-60	0.05
1000		10.92	8.87	20.20	2.76	0.53	24.7	-59	0.05
1005		11.01	8.87	20.17	2.76	0.50	24.7	-59	0.05

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: _____ Well No.: ~~MW-4~~ MW-14 Date: 8/27/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: Horiba Tubing Type: _____ Initial DTP: _____ Initial DTW: 11.20

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Matthew Sanchez & Donavan Edwards

Low Flow Sampling required ? Yes : ✓ No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (~~°F~~)C	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
0845		11.20	7.49	20.31	3.58	3.08	24.4	138	0.05
0850		11.39	7.96	20.54	3.47	3.88	47.5	142	0.05
0855		11.39	7.99	20.59	3.40	3.80	54.5	140	0.05
0900		11.39	8.00	20.58	3.06	3.62	45.8	144	0.05
0905		11.42	8.17	20.61	2.93	0.55	41.2	145	0.05
0910		11.45	8.25	20.82	2.86	0.49	33.9	145	0.05
0915		11.46	8.26	20.84	2.85	0.52	27.3	144	

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

HydroTech

Monitoring Well Sampling Log Sheet

Job No.: 230051 Well No.: MW-15 Date: 8/27/25

Well Depth: _____ Screen Length: _____ Well Diameter: _____ Casing Type: _____

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: 10.82

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Matthew Sanchez & Donavan Edwards

Low Flow Sampling required ? Yes : X No: _____ pumping rate less than 0.2 L /minute

Deviation			±0.1	± 3%	± 3%	10%*	± 10%**	± 10 mv	Stabilization over 3 consecutive readings
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (mS/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Purged water volume
1155		10.82	7.64	22.30	1.03	2.35	277	34	0.05
1200		10.93	7.89	21.90	1.04	0.56	214	22	0.05
1205		10.98	7.96	21.51	1.05	0.60	184	26	0.05
1210		10.50	7.98	20.85	1.05	0.49	187	26	0.05
1215		10.16	8.02	20.80	1.05	0.40	154	25	0.05
1220		10.22	8.03	20.58	1.07	0.37	152	23	0.05
1225		10.-	7.94	20.82	1.06	0.49	127	25	0.05
1230		11.03	7.93	21.00	1.07	0.39	105	26	0.05
1235		11.03	7.96	20.97	1.07	0.36	59.6	26	0.05
1240		11.09	7.94	20.94	1.06	0.34	29.5	27	0.05

Notes

* Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

APPENDIX 2
LABORATORY REPORT

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 09/02/2025
Client Project ID: 23005 - 170 Freeman St Brooklyn
York Project (SDG) No.: 25H1840

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/02/2025
Client Project ID: 23005 - 170 Freeman St Brooklyn
York Project (SDG) No.: 25H1840

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 27, 2025 and listed below. The project was identified as your project: **23005 - 170 Freeman St Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H1840-01	MW-10 (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-02	MW-11R (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-03	MW-13R (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-04	MW-14 (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-05	EB (20252708)	Water	08/27/2025	08/27/2025
25H1840-06	TB (20252708)	Water	08/27/2025	08/27/2025
25H1840-07	MW-15 (20252708)	Ground Water	08/27/2025	08/27/2025

General Notes for York Project (SDG) No.: 25H1840

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 09/02/2025

Sample Information

Client Sample ID: **MW-10 (20252708)** **York Sample ID:** **25H1840-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:14	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: MW-10 (20252708)

York Sample ID: 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:14	PMB
75-27-4	**Bromodichloromethane**	**1.15**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	08/31/2025 03:14	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
67-66-3	**Chloroform**	**15.0**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	08/31/2025 03:14	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:14	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:14	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:14	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:14	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB

Sample Information

Client Sample ID: MW-10 (20252708) **York Sample ID:** 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	08/31/2025 03:14	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	08/31/2025 03:14	PMB
75-09-2	**Methylene chloride**	**0.470**	J	ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	08/31/2025 03:14	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/31/2025 03:14	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	08/31/2025 03:14	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	08/31/2025 03:14	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:14	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*

Sample Information

Client Sample ID: MW-10 (20252708) **York Sample ID:** 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Sample Information

Client Sample ID: MW-11R (20252708) **York Sample ID:** 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:43	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:43	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 03:43	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB

Sample Information

Client Sample ID: MW-11R (20252708) **York Sample ID:** 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	**cis-1,2-Dichloroethylene**	**7.77**		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: MW-11R (20252708) **York Sample ID:** 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 03:43	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: MW-11R (20252708) **York Sample ID:** 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 03:43	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: MW-13R (20252708) **York Sample ID:** 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:11	PMB

Sample Information

Client Sample ID: MW-13R (20252708) **York Sample ID:** 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: MW-13R (20252708) **York Sample ID:** 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:11	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP

Sample Information

Client Sample ID: MW-13R (20252708) **York Sample ID:** 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-14 (20252708) **York Sample ID:** 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW-14 (20252708)

York Sample ID: 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: MW-14 (20252708) **York Sample ID:** 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 04:40	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 04:40	PMB

Sample Information

Client Sample ID: MW-14 (20252708) **York Sample ID:** 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 04:40	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 05:09	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 05:09	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 05:09	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:09	PMB

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
67-66-3	**Chloroform**	**4.86**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	PMB

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:09	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Sample Information

Client Sample ID: TB (20252708) **York Sample ID:** 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 00:52	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 00:52	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	08/31/2025 00:52	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB

Sample Information

Client Sample ID: TB (20252708) **York Sample ID:** 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-64-1	**Acetone**	**1.44**	J	ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
								Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP		

Sample Information

Client Sample ID: TB (20252708) **York Sample ID:** 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
75-09-2	**Methylene chloride**	**1.33**	J	ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 00:52	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: TB (20252708) **York Sample ID:** 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 00:52	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: MW-15 (20252708) **York Sample ID:** 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB

Sample Information

Client Sample ID: MW-15 (20252708) **York Sample ID:** 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: MW-15 (20252708) **York Sample ID:** 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00	08/31/2025 05:37	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP

Sample Information

Client Sample ID: MW-15 (20252708) **York Sample ID:** 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	08/30/2025 09:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	08/31/2025 05:37	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	08/30/2025 09:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	08/31/2025 05:37	PMB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Analytical Batch Summary

Batch ID: BH52261 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25H1840-01	MW-10 (20252708)	08/30/25
25H1840-02	MW-11R (20252708)	08/30/25
25H1840-03	MW-13R (20252708)	08/30/25
25H1840-04	MW-14 (20252708)	08/30/25
25H1840-05	EB (20252708)	08/30/25
25H1840-06	TB (20252708)	08/30/25
25H1840-07	MW-15 (20252708)	08/30/25
BH52261-BLK1	Blank	08/30/25
BH52261-BS1	LCS	08/30/25
BH52261-BSD1	LCS Dup	08/30/25
BH52261-MS1	Matrix Spike	08/30/25
BH52261-MSD1	Matrix Spike Dup	08/30/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Blank (BH52261-BLK1)											Prepared & Analyzed: 08/30/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Blank (BH52261-BLK1)											Prepared & Analyzed: 08/30/2025
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BH52261-BS1)											Prepared & Analyzed: 08/30/2025
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	9.97		"	10.0		99.7	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	70-130				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	76-130				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-130				
1,2,4-Trimethylbenzene	9.90		"	10.0		99.0	82-132				
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147				
1,2-Dibromoethane	11.1		"	10.0		111	83-124				
1,2-Dichlorobenzene	9.89		"	10.0		98.9	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-130				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.60		"	10.0		96.0	86-122				
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124				
2-Butanone	10.7		"	10.0		107	49-152				
2-Hexanone	11.0		"	10.0		110	51-146				
4-Methyl-2-pentanone	11.1		"	10.0		111	57-145				
Acetone	10.9		"	10.0		109	40-150				
Acrolein	13.6		"	10.0		136	10-153				
Acrylonitrile	12.8		"	10.0		128	51-150				
Benzene	10.4		"	10.0		104	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
LCS (BH52261-BS1)								Prepared & Analyzed: 08/30/2025			
Bromodichloromethane	9.89		ug/L	10.0		98.9	79-128				
Bromoform	11.5		"	10.0		115	78-130				
Bromomethane	7.51		"	10.0		75.1	43-160				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.77		"	10.0		97.7	77-130				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.0		"	10.0		100	82-128				
Chloromethane	7.49		"	10.0		74.9	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-130				
Cyclohexane	9.87		"	10.0		98.7	70-130				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	5.15		"	10.0		51.5	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-130				
Hexachlorobutadiene	8.05		"	10.0		80.5	67-146				
Isopropylbenzene	9.65		"	10.0		96.5	76-130				
Methyl acetate	18.2		"	10.0		182	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-130				
Methylcyclohexane	9.38		"	10.0		93.8	72-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Butylbenzene	9.18		"	10.0		91.8	79-132				
n-Propylbenzene	9.44		"	10.0		94.4	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	20.5		"	20.0		103	77-130				
p-Isopropyltoluene	9.54		"	10.0		95.4	81-136				
sec-Butylbenzene	9.51		"	10.0		95.1	79-137				
Styrene	10.2		"	10.0		102	70-130				
tert-Butyl alcohol (TBA)	56.9		"	50.0		114	25-162				
tert-Butylbenzene	9.71		"	10.0		97.1	77-138				
Tetrachloroethylene	6.59		"	10.0		65.9	82-130	Low Bias			
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-130				
trans-1,4-dichloro-2-butene	9.79		"	10.0		97.9	63-141				
Trichloroethylene	9.23		"	10.0		92.3	82-128				
Trichlorofluoromethane	9.35		"	10.0		93.5	67-139				
Vinyl Chloride	8.81		"	10.0		88.1	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH52261 - EPA 5030B

LCS Dup (BH52261-BSD1) Prepared & Analyzed: 08/30/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.0983	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-130		2.17	20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		3.76	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130		4.19	20	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		1.97	20	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.64	20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130		4.44	20	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-130		1.54	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		0.191	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-130		4.21	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		4.25	20	
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	45-147		0.694	20	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		2.47	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.20	20	
1,2-Dichloroethane	10.1		"	10.0		101	73-130		0.494	20	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		2.95	20	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		4.04	30	
1,3-Dichlorobenzene	9.92		"	10.0		99.2	86-122		3.28	20	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		4.36	20	
2-Butanone	10.1		"	10.0		101	49-152		5.38	20	
2-Hexanone	10.7		"	10.0		107	51-146		2.96	20	
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145		2.28	20	
Acetone	9.89		"	10.0		98.9	40-150		9.81	20	
Acrolein	12.5		"	10.0		125	10-153		8.14	30	
Acrylonitrile	12.1		"	10.0		121	51-150		5.71	30	
Benzene	10.5		"	10.0		105	85-126		1.63	20	
Bromochloromethane	10.6		"	10.0		106	77-128		1.42	20	
Bromodichloromethane	10.0		"	10.0		100	79-128		1.31	20	
Bromoform	11.1		"	10.0		111	78-130		3.46	20	
Bromomethane	8.53		"	10.0		85.3	43-160		12.7	20	
Carbon disulfide	10.6		"	10.0		106	68-146		3.96	20	
Carbon tetrachloride	10.1		"	10.0		101	77-130		2.92	20	
Chlorobenzene	10.2		"	10.0		102	88-120		0.884	20	
Chloroethane	10.9		"	10.0		109	65-136		4.32	20	
Chloroform	10.1		"	10.0		101	82-128		0.696	20	
Chloromethane	7.75		"	10.0		77.5	43-155		3.41	20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		3.30	20	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-130		1.83	20	
Cyclohexane	10.2		"	10.0		102	70-130		3.48	20	
Dibromochloromethane	10.5		"	10.0		105	80-130		1.80	20	
Dibromomethane	10.2		"	10.0		102	72-134		0.681	30	
Dichlorodifluoromethane	5.18		"	10.0		51.8	44-144		0.581	20	
Ethyl Benzene	10.4		"	10.0		104	80-130		1.75	20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146		0.249	30	
Isopropylbenzene	10.2		"	10.0		102	76-130		5.35	20	
Methyl acetate	18.8		"	10.0		188	70-130	High Bias	3.19	20	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	76-130		3.36	20	
Methylcyclohexane	9.71		"	10.0		97.1	72-130		3.46	20	
Methylene chloride	10.2		"	10.0		102	70-130		1.48	20	
n-Butylbenzene	9.44		"	10.0		94.4	79-132		2.79	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
LCS Dup (BH52261-BSD1)								Prepared & Analyzed: 08/30/2025			
n-Propylbenzene	9.93		ug/L	10.0		99.3	78-133		5.06	30	
o-Xylene	10.8		"	10.0		108	78-130		1.12	20	
p- & m- Xylenes	20.9		"	20.0		104	77-130		1.55	20	
p-Isopropyltoluene	9.80		"	10.0		98.0	81-136		2.69	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		3.31	30	
Styrene	10.3		"	10.0		103	70-130		0.779	20	
tert-Butyl alcohol (TBA)	54.0		"	50.0		108	25-162		5.10	30	
tert-Butylbenzene	9.98		"	10.0		99.8	77-138		2.74	30	
Tetrachloroethylene	6.67		"	10.0		66.7	82-130	Low Bias	1.21	20	
Toluene	10.3		"	10.0		103	80-127		2.65	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-130		2.72	20	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-130		2.01	20	
trans-1,4-dichloro-2-butene	9.79		"	10.0		97.9	63-141		0.00	30	
Trichloroethylene	9.63		"	10.0		96.3	82-128		4.24	20	
Trichlorofluoromethane	9.67		"	10.0		96.7	67-139		3.36	20	
Vinyl Chloride	9.03		"	10.0		90.3	70-130		2.47	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Matrix Spike (BH52261-MS1)	*Source sample: 25H1840-04 (MW-14 (20252708))							Prepared: 08/30/2025 Analyzed: 08/31/2025			
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0	0.00	99.3	45-161				
1,1,1-Trichloroethane	10.3		"	10.0	0.00	103	70-130				
1,1,2,2-Tetrachloroethane	11.5		"	10.0	0.00	115	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53		"	10.0	0.00	95.3	70-130				
1,1,2-Trichloroethane	10.7		"	10.0	0.00	107	70-130				
1,1-Dichloroethane	10.4		"	10.0	0.00	104	70-130				
1,1-Dichloroethylene	10.8		"	10.0	0.00	108	70-130				
1,2,3-Trichlorobenzene	9.07		"	10.0	0.00	90.7	70-130				
1,2,3-Trichloropropane	11.1		"	10.0	0.00	111	74-127				
1,2,4-Trichlorobenzene	9.44		"	10.0	0.00	94.4	70-130				
1,2,4-Trimethylbenzene	10.8		"	10.0	0.00	108	72-129				
1,2-Dibromo-3-chloropropane	11.7		"	10.0	0.00	117	40-151				
1,2-Dibromoethane	10.9		"	10.0	0.00	109	75-125				
1,2-Dichlorobenzene	10.2		"	10.0	0.00	102	70-122				
1,2-Dichloroethane	10.3		"	10.0	0.00	103	70-130				
1,2-Dichloropropane	10.7		"	10.0	0.00	107	77-121				
1,3,5-Trimethylbenzene	10.7		"	10.0	0.00	107	69-126				
1,3-Dichlorobenzene	9.99		"	10.0	0.00	99.9	74-119				
1,4-Dichlorobenzene	9.98		"	10.0	0.00	99.8	70-124				
2-Butanone	10.2		"	10.0	0.00	102	40-160				
2-Hexanone	11.2		"	10.0	0.00	112	53-133				
4-Methyl-2-pentanone	11.4		"	10.0	0.00	114	40-150				
Acetone	10.1		"	10.0	0.540	95.9	40-149				
Acrolein	12.5		"	10.0	0.310	122	10-195				
Acrylonitrile	12.0		"	10.0	0.00	120	37-165				
Benzene	10.4		"	10.0	0.00	104	70-130				
Bromochloromethane	11.3		"	10.0	0.00	113	75-121				
Bromodichloromethane	10.2		"	10.0	0.00	102	70-129				
Bromoform	10.5		"	10.0	0.00	105	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Matrix Spike (BH52261-MS1)	*Source sample: 25H1840-04 (MW-14 (20252708))							Prepared: 08/30/2025 Analyzed: 08/31/2025			
Bromomethane	5.50		ug/L	10.0	0.00	55.0	40-158				
Carbon disulfide	9.72		"	10.0	0.00	97.2	40-138				
Carbon tetrachloride	10.2		"	10.0	0.00	102	71-130				
Chlorobenzene	10.0		"	10.0	0.00	100	81-117				
Chloroethane	10.2		"	10.0	0.00	102	51-145				
Chloroform	10.1		"	10.0	0.00	101	80-124				
Chloromethane	6.87		"	10.0	0.00	68.7	40-160				
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125				
cis-1,3-Dichloropropylene	10.3		"	10.0	0.00	103	70-130				
Cyclohexane	10.5		"	10.0	0.00	105	70-130				
Dibromochloromethane	10.2		"	10.0	0.00	102	71-129				
Dibromomethane	10.4		"	10.0	0.00	104	76-120				
Dichlorodifluoromethane	4.99		"	10.0	0.00	49.9	40-147				
Ethyl Benzene	10.3		"	10.0	0.00	103	72-128				
Hexachlorobutadiene	8.21		"	10.0	0.00	82.1	34-166				
Isopropylbenzene	10.6		"	10.0	0.00	106	70-130				
Methyl acetate	18.5		"	10.0	0.00	185	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	11.4		"	10.0	0.00	114	75-128				
Methylcyclohexane	9.69		"	10.0	0.00	96.9	70-130				
Methylene chloride	10.3		"	10.0	0.00	103	70-128				
n-Butylbenzene	9.84		"	10.0	0.00	98.4	61-138				
n-Propylbenzene	10.4		"	10.0	0.00	104	66-134				
o-Xylene	10.8		"	10.0	0.00	108	70-126				
p- & m- Xylenes	20.9		"	20.0	0.00	104	70-130				
p-Isopropyltoluene	9.94		"	10.0	0.00	99.4	64-137				
sec-Butylbenzene	10.3		"	10.0	0.00	103	53-155				
Styrene	10.2		"	10.0	0.00	102	70-125				
tert-Butyl alcohol (TBA)	55.3		"	50.0	0.00	111	10-130				
tert-Butylbenzene	10.4		"	10.0	0.00	104	65-139				
Tetrachloroethylene	6.29		"	10.0	0.00	62.9	70-130	Low Bias			
Toluene	10.3		"	10.0	0.00	103	76-123				
trans-1,2-Dichloroethylene	10.8		"	10.0	0.00	108	79-130				
trans-1,3-Dichloropropylene	10.4		"	10.0	0.00	104	70-130				
trans-1,4-dichloro-2-butene	10.4		"	10.0	0.00	104	25-155				
Trichloroethylene	9.43		"	10.0	0.00	94.3	70-130				
Trichlorofluoromethane	9.45		"	10.0	0.00	94.5	61-142				
Vinyl Chloride	8.80		"	10.0	0.00	88.0	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH52261 - EPA 5030B

Matrix Spike Dup (BH52261-MSD1) *Source sample: 25H1840-04 (MW-14 (20252708)) Prepared: 08/30/2025 Analyzed: 08/31/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	0.00	102	45-161		2.88	30	
1,1,1-Trichloroethane	10.3		"	10.0	0.00	103	70-130		0.486	20	
1,1,2,2-Tetrachloroethane	11.4		"	10.0	0.00	114	74-121		0.524	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.95		"	10.0	0.00	89.5	70-130		6.28	20	
1,1,2-Trichloroethane	10.8		"	10.0	0.00	108	70-130		1.21	20	
1,1-Dichloroethane	10.4		"	10.0	0.00	104	70-130		0.673	20	
1,1-Dichloroethylene	10.7		"	10.0	0.00	107	70-130		0.279	20	
1,2,3-Trichlorobenzene	10.0		"	10.0	0.00	100	70-130		9.85	20	
1,2,3-Trichloropropane	11.0		"	10.0	0.00	110	74-127		1.36	30	
1,2,4-Trichlorobenzene	10.2		"	10.0	0.00	102	70-130		7.93	20	
1,2,4-Trimethylbenzene	10.9		"	10.0	0.00	109	72-129		1.02	20	
1,2-Dibromo-3-chloropropane	11.8		"	10.0	0.00	118	40-151		1.36	20	
1,2-Dibromoethane	10.9		"	10.0	0.00	109	75-125		0.275	20	
1,2-Dichlorobenzene	10.4		"	10.0	0.00	104	70-122		1.75	20	
1,2-Dichloroethane	10.3		"	10.0	0.00	103	70-130		0.485	20	
1,2-Dichloropropane	10.9		"	10.0	0.00	109	77-121		2.22	20	
1,3,5-Trimethylbenzene	10.9		"	10.0	0.00	109	69-126		1.57	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		0.897	20	
1,4-Dichlorobenzene	10.1		"	10.0	0.00	101	70-124		1.39	20	
2-Butanone	10.4		"	10.0	0.00	104	40-160		1.17	20	
2-Hexanone	11.7		"	10.0	0.00	117	53-133		4.02	20	
4-Methyl-2-pentanone	11.9		"	10.0	0.00	119	40-150		3.69	20	
Acetone	10.5		"	10.0	0.540	99.3	40-149		3.30	20	
Acrolein	13.1		"	10.0	0.310	128	10-195		4.68	30	
Acrylonitrile	12.1		"	10.0	0.00	121	37-165		1.08	30	
Benzene	10.5		"	10.0	0.00	105	70-130		0.767	20	
Bromochloromethane	11.3		"	10.0	0.00	113	75-121		0.0882	20	
Bromodichloromethane	10.4		"	10.0	0.00	104	70-129		2.13	20	
Bromoform	10.7		"	10.0	0.00	107	70-130		1.51	20	
Bromomethane	6.73		"	10.0	0.00	67.3	40-158		20.1	20	Non-dir.
Carbon disulfide	9.85		"	10.0	0.00	98.5	40-138		1.33	20	
Carbon tetrachloride	10.1		"	10.0	0.00	101	71-130		0.494	20	
Chlorobenzene	10.2		"	10.0	0.00	102	81-117		1.78	20	
Chloroethane	10.1		"	10.0	0.00	101	51-145		0.295	20	
Chloroform	10.2		"	10.0	0.00	102	80-124		0.888	20	
Chloromethane	7.29		"	10.0	0.00	72.9	40-160		5.93	20	
cis-1,2-Dichloroethylene	10.5		"	10.0	0.00	105	76-125		1.15	20	
cis-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	70-130		2.77	20	
Cyclohexane	10.2		"	10.0	0.00	102	70-130		3.29	20	
Dibromochloromethane	10.5		"	10.0	0.00	105	71-129		2.71	20	
Dibromomethane	10.6		"	10.0	0.00	106	76-120		1.52	30	
Dichlorodifluoromethane	4.68		"	10.0	0.00	46.8	40-147		6.41	20	
Ethyl Benzene	10.5		"	10.0	0.00	105	72-128		1.44	20	
Hexachlorobutadiene	8.61		"	10.0	0.00	86.1	34-166		4.76	30	
Isopropylbenzene	10.6		"	10.0	0.00	106	70-130		0.0946	20	
Methyl acetate	18.5		"	10.0	0.00	185	70-130	High Bias	0.00	20	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0	0.00	117	75-128		1.90	20	
Methylcyclohexane	9.27		"	10.0	0.00	92.7	70-130		4.43	20	
Methylene chloride	10.2		"	10.0	0.00	102	70-128		0.293	20	
n-Butylbenzene	10.0		"	10.0	0.00	100	61-138		2.01	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Matrix Spike Dup (BH52261-MSD1)	*Source sample: 25H1840-04 (MW-14 (20252708))								Prepared: 08/30/2025 Analyzed: 08/31/2025		
n-Propylbenzene	10.4		ug/L	10.0	0.00	104	66-134		0.192	30	
o-Xylene	11.0		"	10.0	0.00	110	70-126		1.56	20	
p- & m- Xylenes	21.2		"	20.0	0.00	106	70-130		1.62	20	
p-Isopropyltoluene	10.2		"	10.0	0.00	102	64-137		2.29	30	
sec-Butylbenzene	10.4		"	10.0	0.00	104	53-155		0.966	30	
Styrene	10.4		"	10.0	0.00	104	70-125		1.75	20	
tert-Butyl alcohol (TBA)	55.3		"	50.0	0.00	111	10-130		0.0724	30	
tert-Butylbenzene	10.5		"	10.0	0.00	105	65-139		0.766	30	
Tetrachloroethylene	6.43		"	10.0	0.00	64.3	70-130	Low Bias	2.20	20	
Toluene	10.4		"	10.0	0.00	104	76-123		1.16	20	
trans-1,2-Dichloroethylene	10.9		"	10.0	0.00	109	79-130		0.735	20	
trans-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	70-130		1.90	20	
trans-1,4-dichloro-2-butene	10.4		"	10.0	0.00	104	25-155		0.481	30	
Trichloroethylene	9.60		"	10.0	0.00	96.0	70-130		1.79	20	
Trichlorofluoromethane	9.31		"	10.0	0.00	93.1	61-142		1.49	20	
Vinyl Chloride	8.97		"	10.0	0.00	89.7	70-130		1.91	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25H1840-01	MW-10 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-02	MW-11R (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-03	MW-13R (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-04	MW-14 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-05	EB (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-06	TB (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-07	MW-15 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

ALS Project Number: 25H1840

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:	YOUR Project Name / Number
Company: HydroTech Environmental	Company:	230054 - 170 Freeman St Brooklyn
Address: 231 West 29th Street New York, NY	Address: SAME	PO Number: 53198
Phone.: 631 241 7955	Phone.:	
Contact: Paul Mattl	Contact:	
E-mail: pmattl@hydrotechenvironmental.com	E-mail:	

Samples Collected From: NY X | CT | Other: (please specify) | NJ | PA

Analyses Requested: EPA 8260

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) ~~NYSDEC GQS~~ NYSDEC GQS

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name) Matthew Sanchez

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Grab or Comp. G/C
MW-10 (20252708)	8/27/25	1135	GW	X										X
MW-11R (20252708)		1030	GW	X										X
MW-13R (20252708)		1010	GW	X										X
MW-14 MS/MSD (20252708)		0925	GW	X										X
EB (20252708)		1100	DI	X										X
TB (20252708)			DI											
MW-15 (20252708)		1240	GW	X										X

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pick up? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Matthew Sanchez/HTE	8/27/25 1351		8/27/25 1351		8.27.25 14:10
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8.27.25 14:10 4.2		8.27.25 21:55		8/27/25 18:30
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	8/27/25				8/27/25 21:55 2.6 Degrees C

Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 10/03/2025
Client Project ID: 230051-170 Freemont St. Brooklyn
York Project (SDG) No.: 25I1726

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/03/2025
Client Project ID: 230051-170 Freemont St. Brooklyn
York Project (SDG) No.: 25I1726

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 25, 2025 and listed below. The project was identified as your project: **230051-170 Freemont St. Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25I1726-01	MW-9 20250925	Ground Water	09/25/2025	09/25/2025
25I1726-02	TB (20250925)	Water	09/25/2025	09/25/2025

General Notes for York Project (SDG) No.: 25I1726

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 10/03/2025

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
156-59-2	**cis-1,2-Dichloroethylene**	**246**	B	ug/L	7.35	12.5	25	EPA 8260D Certifications:	10/01/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	10/02/2025 05:11	PMB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/30/2025 06:52	PMB
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	09/30/2025 06:52	PMB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	09/30/2025 06:52	PMB
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	09/30/2025 06:52	PMB
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP	09/30/2025 06:52	PMB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	09/29/2025 07:26 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	09/30/2025 06:52	PMB
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
127-18-4	**Tetrachloroethylene**	**0.370**	QL-02, J	ug/L	0.239	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	09/30/2025 06:52	PMB
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
156-60-5	**trans-1,2-Dichloroethylene**	**12.0**		ug/L	0.279	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	09/30/2025 06:52	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
79-01-6	**Trichloroethylene**	**0.710**		ug/L	0.249	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	09/30/2025 06:52	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB
75-01-4	**Vinyl Chloride**	**0.780**		ug/L	0.469	0.500	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	09/30/2025 06:52	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	09/29/2025 07:26 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/30/2025 06:52	PMB

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/29/2025 16:31	PMB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/29/2025 16:31	PMB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68	09/29/2025 16:31	PMB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
67-64-1	**Acetone**	**3.01**	CCVE, B	ug/L	1.34	2.00	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEI	PMB
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
71-43-2	Benzene	ND	QL-02	ug/L	0.279	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-6	PMB
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	PMB

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00	09/29/2025 16:31	PMB CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND	QL-02	ug/L	0.279	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	09/29/2025 07:00 CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP	09/29/2025 16:31	PMB

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*119 %*	S-08, S-HI	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*		*79-122*

Analytical Batch Summary

Batch ID: BI52027 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-02	TB (20250925)	09/29/25
BI52027-BLK1	Blank	09/29/25
BI52027-BS1	LCS	09/29/25
BI52027-BSD1	LCS Dup	09/29/25

Batch ID: BI52044 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01	MW-9 20250925	09/29/25
BI52044-BLK1	Blank	09/29/25
BI52044-BS1	LCS	09/29/25
BI52044-BSD1	LCS Dup	09/29/25
BI52044-MS1	Matrix Spike	09/29/25
BI52044-MSD1	Matrix Spike Dup	09/29/25

Batch ID: BJ50090 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01RE1	MW-9 20250925	10/01/25
BJ50090-BLK1	Blank	10/01/25
BJ50090-BS1	LCS	10/01/25
BJ50090-BSD1	LCS Dup	10/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
Blank (BI52027-BLK1)											Prepared & Analyzed: 09/29/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.280	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.200	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.42	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	0.310	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
Blank (BI52027-BLK1)								Prepared & Analyzed: 09/29/2025			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	0.530	0.500	"								
p- & m- Xylenes	1.46	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	1.99	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.6*		*"*	*10.0*		*116*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BI52027-BS1)								Prepared & Analyzed: 09/29/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	8.29		"	10.0		82.9	78-136				
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.46		"	10.0		84.6	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	8.11		"	10.0		81.1	82-129	Low Bias			
1,1-Dichloroethylene	8.60		"	10.0		86.0	68-138				
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	76-136				
1,2,3-Trichloropropane	9.50		"	10.0		95.0	77-128				
1,2,4-Trichlorobenzene	9.20		"	10.0		92.0	76-137				
1,2,4-Trimethylbenzene	9.82		"	10.0		98.2	82-132				
1,2-Dibromo-3-chloropropane	9.25		"	10.0		92.5	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123				
1,2-Dichloroethane	8.38		"	10.0		83.8	73-132				
1,2-Dichloropropane	9.60		"	10.0		96.0	78-126				
1,3,5-Trimethylbenzene	9.64		"	10.0		96.4	80-131				
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122				
1,4-Dichlorobenzene	9.61		"	10.0		96.1	85-124				
2-Butanone	8.62		"	10.0		86.2	49-152				
2-Hexanone	11.1		"	10.0		111	51-146				
4-Methyl-2-pentanone	11.5		"	10.0		115	57-145				
Acetone	10.4		"	10.0		104	14-150				
Acrolein	18.5		"	10.0		185	10-153	High Bias			
Acrylonitrile	9.32		"	10.0		93.2	51-150				
Benzene	8.40		"	10.0		84.0	85-126	Low Bias			
Bromochloromethane	8.42		"	10.0		84.2	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS (BI52027-BS1)								Prepared & Analyzed: 09/29/2025			
Bromodichloromethane	10.0		ug/L	10.0		100	79-128				
Bromoform	11.6		"	10.0		116	78-133				
Bromomethane	8.56		"	10.0		85.6	43-168				
Carbon disulfide	8.20		"	10.0		82.0	68-146				
Carbon tetrachloride	8.04		"	10.0		80.4	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	8.04		"	10.0		80.4	82-128	Low Bias			
Chloromethane	7.32		"	10.0		73.2	43-155				
cis-1,2-Dichloroethylene	8.53		"	10.0		85.3	83-129				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131				
Cyclohexane	6.68		"	10.0		66.8	63-149				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	7.01		"	10.0		70.1	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	8.87		"	10.0		88.7	67-146				
Isopropylbenzene	8.93		"	10.0		89.3	76-140				
Methyl acetate	14.6		"	10.0		146	51-139	High Bias			
Methyl tert-butyl ether (MTBE)	8.04		"	10.0		80.4	76-135				
Methylcyclohexane	7.74		"	10.0		77.4	72-143				
Methylene chloride	10.3		"	10.0		103	55-137				
n-Butylbenzene	9.61		"	10.0		96.1	79-132				
n-Propylbenzene	8.99		"	10.0		89.9	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Isopropyltoluene	9.44		"	10.0		94.4	81-136				
sec-Butylbenzene	9.33		"	10.0		93.3	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	48.0		"	50.0		95.9	25-162				
tert-Butylbenzene	9.07		"	10.0		90.7	77-138				
Tetrachloroethylene	8.40		"	10.0		84.0	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	7.78		"	10.0		77.8	80-132	Low Bias			
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131				
trans-1,4-dichloro-2-butene	9.55		"	10.0		95.5	63-141				
Trichloroethylene	9.42		"	10.0		94.2	82-128				
Trichlorofluoromethane	8.32		"	10.0		83.2	67-139				
Vinyl Chloride	7.46		"	10.0		74.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.3*		*"*	*10.0*		*113*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.14*		*"*	*10.0*		*91.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS Dup (BI52027-BSD1)								Prepared & Analyzed: 09/29/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		2.50	30	
1,1,1-Trichloroethane	8.44		"	10.0		84.4	78-136		1.79	30	
1,1,2,2-Tetrachloroethane	9.31		"	10.0		93.1	76-129		2.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	54-165		1.31	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		1.20	30	
1,1-Dichloroethane	8.38		"	10.0		83.8	82-129		3.27	30	
1,1-Dichloroethylene	8.56		"	10.0		85.6	68-138		0.466	30	
1,2,3-Trichlorobenzene	9.27		"	10.0		92.7	76-136		1.52	30	
1,2,3-Trichloropropane	9.68		"	10.0		96.8	77-128		1.88	30	
1,2,4-Trichlorobenzene	9.38		"	10.0		93.8	76-137		1.94	30	
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132		1.11	30	
1,2-Dibromo-3-chloropropane	9.45		"	10.0		94.5	45-147		2.14	30	
1,2-Dibromoethane	11.3		"	10.0		113	83-124		0.980	30	
1,2-Dichlorobenzene	9.50		"	10.0		95.0	79-123		1.06	30	
1,2-Dichloroethane	8.71		"	10.0		87.1	73-132		3.86	30	
1,2-Dichloropropane	9.97		"	10.0		99.7	78-126		3.78	30	
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	80-131		2.26	30	
1,3-Dichlorobenzene	9.34		"	10.0		93.4	86-122		0.968	30	
1,4-Dichlorobenzene	9.67		"	10.0		96.7	85-124		0.622	30	
2-Butanone	8.72		"	10.0		87.2	49-152		1.15	30	
2-Hexanone	11.2		"	10.0		112	51-146		1.26	30	
4-Methyl-2-pentanone	11.7		"	10.0		117	57-145		1.03	30	
Acetone	9.99		"	10.0		99.9	14-150		4.41	30	
Acrolein	19.2		"	10.0		192	10-153	High Bias	3.55	30	
Acrylonitrile	9.40		"	10.0		94.0	51-150		0.855	30	
Benzene	8.58		"	10.0		85.8	85-126		2.12	30	
Bromochloromethane	8.75		"	10.0		87.5	77-128		3.84	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.76	30	
Bromoform	11.8		"	10.0		118	78-133		2.05	30	
Bromomethane	8.90		"	10.0		89.0	43-168		3.89	30	
Carbon disulfide	8.15		"	10.0		81.5	68-146		0.612	30	
Carbon tetrachloride	8.27		"	10.0		82.7	77-141		2.82	30	
Chlorobenzene	10.6		"	10.0		106	88-120		1.72	30	
Chloroethane	10.6		"	10.0		106	65-136		0.845	30	
Chloroform	8.27		"	10.0		82.7	82-128		2.82	30	
Chloromethane	7.27		"	10.0		72.7	43-155		0.685	30	
cis-1,2-Dichloroethylene	8.75		"	10.0		87.5	83-129		2.55	30	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131		2.00	30	
Cyclohexane	6.80		"	10.0		68.0	63-149		1.78	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		0.639	30	
Dibromomethane	10.5		"	10.0		105	72-134		0.0952	30	
Dichlorodifluoromethane	6.98		"	10.0		69.8	44-144		0.429	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		1.85	30	
Hexachlorobutadiene	9.22		"	10.0		92.2	67-146		3.87	30	
Isopropylbenzene	8.94		"	10.0		89.4	76-140		0.112	30	
Methyl acetate	14.6		"	10.0		146	51-139	High Bias	0.0683	30	
Methyl tert-butyl ether (MTBE)	8.20		"	10.0		82.0	76-135		1.97	30	
Methylcyclohexane	7.94		"	10.0		79.4	72-143		2.55	30	
Methylene chloride	11.5		"	10.0		115	55-137		11.3	30	
n-Butylbenzene	9.73		"	10.0		97.3	79-132		1.24	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS Dup (BI52027-BSD1)								Prepared & Analyzed: 09/29/2025			
n-Propylbenzene	9.11		ug/L	10.0		91.1	78-133		1.33	30	
o-Xylene	11.5		"	10.0		115	78-130		1.57	30	
p- & m- Xylenes	23.3		"	20.0		117	77-133		2.30	30	
p-Isopropyltoluene	9.55		"	10.0		95.5	81-136		1.16	30	
sec-Butylbenzene	9.41		"	10.0		94.1	79-137		0.854	30	
Styrene	10.9		"	10.0		109	67-132		1.39	30	
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.3	25-162		2.47	30	
tert-Butylbenzene	9.14		"	10.0		91.4	77-138		0.769	30	
Tetrachloroethylene	8.44		"	10.0		84.4	82-131		0.475	30	
Toluene	10.6		"	10.0		106	80-127		2.19	30	
trans-1,2-Dichloroethylene	7.99		"	10.0		79.9	80-132	Low Bias	2.66	30	
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131		2.65	30	
trans-1,4-dichloro-2-butene	9.49		"	10.0		94.9	63-141		0.630	30	
Trichloroethylene	9.72		"	10.0		97.2	82-128		3.13	30	
Trichlorofluoromethane	8.28		"	10.0		82.8	67-139		0.482	30	
Vinyl Chloride	7.48		"	10.0		74.8	58-145		0.268	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.88*		*"*	*10.0*		*98.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.5*		*"*	*10.0*		*115*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.11*		*"*	*10.0*		*91.1*	*79-122*				
Batch BI52044 - EPA 5030B											
Blank (BI52044-BLK1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.260	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Blank (BI52044-BLK1)											
Prepared: 09/29/2025 Analyzed: 09/30/2025											
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	3.93	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS (BI52044-BS1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-130				
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64		"	10.0		96.4	70-130				
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123				
1,1-Dichloroethane	9.55		"	10.0		95.5	82-129				
1,1-Dichloroethylene	9.98		"	10.0		99.8	70-130				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-130				
1,2,3-Trichloropropane	9.56		"	10.0		95.6	77-128				
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-130				
1,2,4-Trimethylbenzene	9.63		"	10.0		96.3	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	9.73		"	10.0		97.3	83-124				
1,2-Dichlorobenzene	9.21		"	10.0		92.1	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-130				
1,2-Dichloropropane	9.00		"	10.0		90.0	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122				
1,4-Dichlorobenzene	9.12		"	10.0		91.2	85-124				
2-Butanone	11.3		"	10.0		113	49-152				
2-Hexanone	9.35		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	9.35		"	10.0		93.5	57-145				
Acetone	10.3		"	10.0		103	40-150				
Acrolein	18.3		"	10.0		183	10-153	High Bias			
Acrylonitrile	9.67		"	10.0		96.7	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	9.66		"	10.0		96.6	77-128				
Bromodichloromethane	9.28		"	10.0		92.8	79-128				
Bromoform	9.75		"	10.0		97.5	78-130				
Bromomethane	11.2		"	10.0		112	43-160				
Carbon disulfide	8.84		"	10.0		88.4	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-130				
Chlorobenzene	9.54		"	10.0		95.4	88-120				
Chloroethane	12.8		"	10.0		128	65-136				
Chloroform	9.87		"	10.0		98.7	82-128				
Chloromethane	8.33		"	10.0		83.3	43-155				
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	83-129				
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-130				
Cyclohexane	8.72		"	10.0		87.2	70-130				
Dibromochloromethane	9.68		"	10.0		96.8	80-130				
Dibromomethane	9.47		"	10.0		94.7	72-134				
Dichlorodifluoromethane	7.55		"	10.0		75.5	44-144				
Ethyl Benzene	9.72		"	10.0		97.2	80-130				
Hexachlorobutadiene	8.57		"	10.0		85.7	67-146				
Isopropylbenzene	9.26		"	10.0		92.6	76-130				
Methyl acetate	13.9		"	10.0		139	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-130				
Methylcyclohexane	8.63		"	10.0		86.3	72-130				
Methylene chloride	11.7		"	10.0		117	70-130				
n-Butylbenzene	9.35		"	10.0		93.5	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS (BI52044-BS1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
n-Propylbenzene	9.21		ug/L	10.0		92.1	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-130				
p-Isopropyltoluene	9.35		"	10.0		93.5	81-136				
sec-Butylbenzene	9.33		"	10.0		93.3	79-137				
Styrene	9.61		"	10.0		96.1	70-130				
tert-Butyl alcohol (TBA)	44.5		"	50.0		88.9	25-162				
tert-Butylbenzene	9.30		"	10.0		93.0	77-138				
Tetrachloroethylene	7.42		"	10.0		74.2	82-130	Low Bias			
Toluene	9.62		"	10.0		96.2	80-127				
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	80-130				
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	78-130				
trans-1,4-dichloro-2-butene	9.18		"	10.0		91.8	63-141				
Trichloroethylene	8.91		"	10.0		89.1	82-128				
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139				
Vinyl Chloride	8.68		"	10.0		86.8	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				
LCS Dup (BI52044-BSD1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		7.44	30	
1,1,1-Trichloroethane	11.1		"	10.0		111	78-130		7.55	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		5.57	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130		11.3	20	
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123		2.41	20	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		6.97	20	
1,1-Dichloroethylene	11.0		"	10.0		110	70-130		10.0	20	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-130		1.16	20	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.09	30	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-130		4.32	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		9.78	20	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		0.472	20	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		4.13	20	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		8.12	20	
1,2-Dichloroethane	10.6		"	10.0		106	73-130		4.66	20	
1,2-Dichloropropane	9.76		"	10.0		97.6	78-126		8.10	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		8.58	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		9.95	20	
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124		9.30	20	
2-Butanone	10.8		"	10.0		108	49-152		4.44	20	
2-Hexanone	8.73		"	10.0		87.3	51-146		6.86	20	
4-Methyl-2-pentanone	9.13		"	10.0		91.3	57-145		2.38	20	
Acetone	10.9		"	10.0		109	40-150		5.47	20	
Acrolein	15.8		"	10.0		158	10-153	High Bias	14.2	30	
Acrylonitrile	9.60		"	10.0		96.0	51-150		0.727	30	
Benzene	11.0		"	10.0		110	85-126		8.75	20	
Bromochloromethane	10.2		"	10.0		102	77-128		5.73	20	
Bromodichloromethane	10.0		"	10.0		100	79-128		7.57	20	
Bromoform	10.1		"	10.0		101	78-130		3.23	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS Dup (BI52044-BSD1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
Bromomethane	12.3		ug/L	10.0		123	43-160		9.03	20	
Carbon disulfide	9.94		"	10.0		99.4	68-146		11.7	20	
Carbon tetrachloride	11.1		"	10.0		111	77-130		8.52	20	
Chlorobenzene	10.4		"	10.0		104	88-120		8.14	20	
Chloroethane	14.2		"	10.0		142	65-136	High Bias	10.4	20	
Chloroform	10.6		"	10.0		106	82-128		7.41	20	
Chloromethane	10.2		"	10.0		102	43-155		20.5	20	Non-dir.
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		7.04	20	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-130		6.02	20	
Cyclohexane	9.60		"	10.0		96.0	70-130		9.61	20	
Dibromochloromethane	10.2		"	10.0		102	80-130		5.33	20	
Dibromomethane	9.88		"	10.0		98.8	72-134		4.24	30	
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		42.3	20	Non-dir.
Ethyl Benzene	10.6		"	10.0		106	80-130		8.28	20	
Hexachlorobutadiene	9.82		"	10.0		98.2	67-146		13.6	30	
Isopropylbenzene	10.3		"	10.0		103	76-130		11.0	20	
Methyl acetate	7.72		"	10.0		77.2	70-130		57.0	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-130		3.76	20	
Methylcyclohexane	9.56		"	10.0		95.6	72-130		10.2	20	
Methylene chloride	11.7		"	10.0		117	70-130		0.257	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		10.4	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		10.1	30	
o-Xylene	10.7		"	10.0		107	78-130		6.28	20	
p- & m- Xylenes	21.3		"	20.0		106	77-130		6.06	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		11.0	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		10.3	30	
Styrene	10.3		"	10.0		103	70-130		7.12	20	
tert-Butyl alcohol (TBA)	25.7		"	50.0		51.3	25-162		53.6	30	Non-dir.
tert-Butylbenzene	10.2		"	10.0		102	77-138		9.23	30	
Tetrachloroethylene	8.12		"	10.0		81.2	82-130	Low Bias	9.01	20	
Toluene	10.5		"	10.0		105	80-127		8.46	20	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-130		8.65	20	
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-130		3.15	20	
trans-1,4-dichloro-2-butene	9.57		"	10.0		95.7	63-141		4.16	30	
Trichloroethylene	9.73		"	10.0		97.3	82-128		8.80	20	
Trichlorofluoromethane	11.3		"	10.0		113	67-139		13.4	20	
Vinyl Chloride	10.4		"	10.0		104	70-130		18.3	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BI52044 - EPA 5030B

Matrix Spike (BI52044-MS1) *Source sample: 25I1726-01 (MW-9 20250925) Prepared: 09/29/2025 Analyzed: 09/30/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0	0.00	121	45-161				
1,1,1-Trichloroethane	13.1		"	10.0	0.00	131	70-130	High Bias			
1,1,2,2-Tetrachloroethane	12.1		"	10.0	0.00	121	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.53		"	10.0	0.00	85.3	70-130				
1,1,2-Trichloroethane	12.5		"	10.0	0.00	125	70-130				
1,1-Dichloroethane	12.1		"	10.0	0.00	121	70-130				
1,1-Dichloroethylene	11.3		"	10.0	0.00	113	70-130				
1,2,3-Trichlorobenzene	8.68		"	10.0	0.00	86.8	70-130				
1,2,3-Trichloropropane	12.0		"	10.0	0.00	120	74-127				
1,2,4-Trichlorobenzene	7.50		"	10.0	0.00	75.0	70-130				
1,2,4-Trimethylbenzene	9.66		"	10.0	0.00	96.6	72-129				
1,2-Dibromo-3-chloropropane	12.3		"	10.0	0.00	123	40-151				
1,2-Dibromoethane	12.8		"	10.0	0.00	128	75-125	High Bias			
1,2-Dichlorobenzene	9.77		"	10.0	0.00	97.7	70-122				
1,2-Dichloroethane	12.8		"	10.0	0.00	128	70-130				
1,2-Dichloropropane	11.7		"	10.0	0.00	117	77-121				
1,3,5-Trimethylbenzene	9.71		"	10.0	0.00	97.1	69-126				
1,3-Dichlorobenzene	8.92		"	10.0	0.00	89.2	74-119				
1,4-Dichlorobenzene	9.01		"	10.0	0.00	90.1	70-124				
2-Butanone	79.8		"	10.0	0.00	798	40-160	High Bias			
2-Hexanone	11.4		"	10.0	0.00	114	53-133				
4-Methyl-2-pentanone	11.9		"	10.0	0.00	119	40-150				
Acetone	12.9		"	10.0	0.430	125	40-149				
Acrolein	21.8		"	10.0	0.00	218	10-195	High Bias			
Acrylonitrile	11.9		"	10.0	0.00	119	37-165				
Benzene	12.7		"	10.0	0.00	127	70-130				
Bromochloromethane	12.2		"	10.0	0.00	122	75-121	High Bias			
Bromodichloromethane	11.9		"	10.0	0.00	119	70-129				
Bromoform	12.5		"	10.0	0.00	125	70-130				
Bromomethane	11.3		"	10.0	0.00	113	40-158				
Carbon disulfide	8.51		"	10.0	0.00	85.1	40-138				
Carbon tetrachloride	12.2		"	10.0	0.00	122	71-130				
Chlorobenzene	11.4		"	10.0	0.00	114	81-117				
Chloroethane	15.4		"	10.0	0.00	154	51-145	High Bias			
Chloroform	12.7		"	10.0	0.00	127	80-124	High Bias			
Chloromethane	9.80		"	10.0	0.00	98.0	40-160				
cis-1,2-Dichloroethylene	346		"	10.0	329	170	76-125	High Bias			
cis-1,3-Dichloropropylene	11.5		"	10.0	0.00	115	70-130				
Cyclohexane	9.14		"	10.0	0.00	91.4	70-130				
Dibromochloromethane	12.4		"	10.0	0.00	124	71-129				
Dibromomethane	12.4		"	10.0	0.00	124	76-120	High Bias			
Dichlorodifluoromethane	6.78		"	10.0	0.00	67.8	40-147				
Ethyl Benzene	11.1		"	10.0	0.00	111	72-128				
Hexachlorobutadiene	6.74		"	10.0	0.00	67.4	34-166				
Isopropylbenzene	9.89		"	10.0	0.00	98.9	70-130				
Methyl acetate	16.0		"	10.0	0.00	160	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	11.9		"	10.0	0.00	119	75-128				
Methylcyclohexane	7.67		"	10.0	0.00	76.7	70-130				
Methylene chloride	11.2		"	10.0	0.00	112	70-128				
n-Butylbenzene	7.60		"	10.0	0.00	76.0	61-138				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Matrix Spike (BI52044-MS1)	*Source sample: 25I1726-01 (MW-9 20250925)								Prepared: 09/29/2025 Analyzed: 09/30/2025		
n-Propylbenzene	8.94		ug/L	10.0	0.00	89.4	66-134				
o-Xylene	11.6		"	10.0	0.00	116	70-126				
p- & m- Xylenes	21.6		"	20.0	0.00	108	70-130				
p-Isopropyltoluene	8.48		"	10.0	0.00	84.8	64-137				
sec-Butylbenzene	8.83		"	10.0	0.00	88.3	53-155				
Styrene	11.0		"	10.0	0.00	110	70-125				
tert-Butyl alcohol (TBA)	37.5		"	50.0	0.00	75.0	10-130				
tert-Butylbenzene	9.84		"	10.0	0.00	98.4	65-139				
Tetrachloroethylene	7.64		"	10.0	0.370	72.7	70-130				
Toluene	11.7		"	10.0	0.00	117	76-123				
trans-1,2-Dichloroethylene	22.5		"	10.0	12.0	104	79-130				
trans-1,3-Dichloropropylene	11.4		"	10.0	0.00	114	70-130				
trans-1,4-dichloro-2-butene	11.0		"	10.0	0.00	110	25-155				
Trichloroethylene	10.8		"	10.0	0.710	101	70-130				
Trichlorofluoromethane	10.6		"	10.0	0.00	106	61-142				
Vinyl Chloride	10.2		"	10.0	0.780	93.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
Matrix Spike Dup (BI52044-MSD1)	*Source sample: 25I1726-01 (MW-9 20250925)								Prepared: 09/29/2025 Analyzed: 09/30/2025		
1,1,1,2-Tetrachloroethane	11.7		ug/L	10.0	0.00	117	45-161		3.78	30	
1,1,1-Trichloroethane	12.7		"	10.0	0.00	127	70-130		3.33	20	
1,1,2,2-Tetrachloroethane	11.6		"	10.0	0.00	116	74-121		3.54	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0	0.00	85.7	70-130		0.468	20	
1,1,2-Trichloroethane	12.0		"	10.0	0.00	120	70-130		4.17	20	
1,1-Dichloroethane	11.7		"	10.0	0.00	117	70-130		3.35	20	
1,1-Dichloroethylene	10.7		"	10.0	0.00	107	70-130		5.08	20	
1,2,3-Trichlorobenzene	9.59		"	10.0	0.00	95.9	70-130		9.96	20	
1,2,3-Trichloropropane	11.6		"	10.0	0.00	116	74-127		3.14	30	
1,2,4-Trichlorobenzene	8.23		"	10.0	0.00	82.3	70-130		9.28	20	
1,2,4-Trimethylbenzene	9.44		"	10.0	0.00	94.4	72-129		2.30	20	
1,2-Dibromo-3-chloropropane	12.3		"	10.0	0.00	123	40-151		0.163	20	
1,2-Dibromoethane	12.3		"	10.0	0.00	123	75-125		4.31	20	
1,2-Dichlorobenzene	9.56		"	10.0	0.00	95.6	70-122		2.17	20	
1,2-Dichloroethane	12.4		"	10.0	0.00	124	70-130		3.56	20	
1,2-Dichloropropane	11.2		"	10.0	0.00	112	77-121		4.56	20	
1,3,5-Trimethylbenzene	9.54		"	10.0	0.00	95.4	69-126		1.77	30	
1,3-Dichlorobenzene	8.80		"	10.0	0.00	88.0	74-119		1.35	20	
1,4-Dichlorobenzene	8.80		"	10.0	0.00	88.0	70-124		2.36	20	
2-Butanone	76.6		"	10.0	0.00	766	40-160	High Bias	4.09	20	
2-Hexanone	11.3		"	10.0	0.00	113	53-133		0.969	20	
4-Methyl-2-pentanone	11.5		"	10.0	0.00	115	40-150		3.51	20	
Acetone	11.2		"	10.0	0.430	107	40-149		14.6	20	
Acrolein	21.4		"	10.0	0.00	214	10-195	High Bias	2.17	30	
Acrylonitrile	10.6		"	10.0	0.00	106	37-165		10.9	30	
Benzene	12.2		"	10.0	0.00	122	70-130		3.53	20	
Bromochloromethane	11.6		"	10.0	0.00	116	75-121		4.37	20	
Bromodichloromethane	11.6		"	10.0	0.00	116	70-129		2.97	20	
Bromoform	12.2		"	10.0	0.00	122	70-130		1.78	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Matrix Spike Dup (BI52044-MSD1)	*Source sample: 25I1726-01 (MW-9 20250925)								Prepared: 09/29/2025 Analyzed: 09/30/2025		
Bromomethane	14.0		ug/L	10.0	0.00	140	40-158		21.3	20	Non-dir.
Carbon disulfide	8.21		"	10.0	0.00	82.1	40-138		3.59	20	
Carbon tetrachloride	11.9		"	10.0	0.00	119	71-130		2.57	20	
Chlorobenzene	10.8		"	10.0	0.00	108	81-117		4.77	20	
Chloroethane	14.9		"	10.0	0.00	149	51-145	High Bias	3.43	20	
Chloroform	12.2		"	10.0	0.00	122	80-124		3.78	20	
Chloromethane	9.47		"	10.0	0.00	94.7	40-160		3.43	20	
cis-1,2-Dichloroethylene	337		"	10.0	329	79.2	76-125		2.66	20	
cis-1,3-Dichloropropylene	11.1		"	10.0	0.00	111	70-130		4.07	20	
Cyclohexane	8.84		"	10.0	0.00	88.4	70-130		3.34	20	
Dibromochloromethane	12.1		"	10.0	0.00	121	71-129		2.77	20	
Dibromomethane	12.0		"	10.0	0.00	120	76-120		3.70	30	
Dichlorodifluoromethane	6.65		"	10.0	0.00	66.5	40-147		1.94	20	
Ethyl Benzene	10.6		"	10.0	0.00	106	72-128		4.80	20	
Hexachlorobutadiene	7.07		"	10.0	0.00	70.7	34-166		4.78	30	
Isopropylbenzene	9.58		"	10.0	0.00	95.8	70-130		3.18	20	
Methyl acetate	15.9		"	10.0	0.00	159	70-130	High Bias	0.752	20	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0	0.00	128	75-128		7.06	20	
Methylcyclohexane	7.61		"	10.0	0.00	76.1	70-130		0.785	20	
Methylene chloride	10.8		"	10.0	0.00	108	70-128		3.46	20	
n-Butylbenzene	7.82		"	10.0	0.00	78.2	61-138		2.85	30	
n-Propylbenzene	8.69		"	10.0	0.00	86.9	66-134		2.84	30	
o-Xylene	11.1		"	10.0	0.00	111	70-126		4.93	20	
p- & m- Xylenes	20.6		"	20.0	0.00	103	70-130		4.51	20	
p-Isopropyltoluene	8.38		"	10.0	0.00	83.8	64-137		1.19	30	
sec-Butylbenzene	8.67		"	10.0	0.00	86.7	53-155		1.83	30	
Styrene	10.6		"	10.0	0.00	106	70-125		4.44	20	
tert-Butyl alcohol (TBA)	56.6		"	50.0	0.00	113	10-130		40.7	30	Non-dir.
tert-Butylbenzene	9.51		"	10.0	0.00	95.1	65-139		3.41	30	
Tetrachloroethylene	7.50		"	10.0	0.370	71.3	70-130		1.85	20	
Toluene	11.0		"	10.0	0.00	110	76-123		5.54	20	
trans-1,2-Dichloroethylene	21.5		"	10.0	12.0	94.8	79-130		4.41	20	
trans-1,3-Dichloropropylene	11.1		"	10.0	0.00	111	70-130		2.48	20	
trans-1,4-dichloro-2-butene	11.0		"	10.0	0.00	110	25-155		0.545	30	
Trichloroethylene	10.2		"	10.0	0.710	95.0	70-130		5.89	20	
Trichlorofluoromethane	10.3		"	10.0	0.00	103	61-142		2.49	20	
Vinyl Chloride	9.80		"	10.0	0.780	90.2	70-130		3.71	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
Blank (BJ50090-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.290	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	0.510	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.760	2.00	"								
n-Butylbenzene	ND	0.500	"								

Prepared & Analyzed: 10/01/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
Blank (BJ50090-BLK1)								Prepared & Analyzed: 10/01/2025			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BJ50090-BS1)								Prepared & Analyzed: 10/01/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,3-Trichlorobenzene	11.8		"	10.0		118	76-130				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-130				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147				
1,2-Dibromoethane	10.8		"	10.0		108	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-130				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124				
2-Butanone	12.2		"	10.0		122	49-152				
2-Hexanone	9.44		"	10.0		94.4	51-146				
4-Methyl-2-pentanone	9.80		"	10.0		98.0	57-145				
Acetone	10.5		"	10.0		105	40-150				
Acrolein	15.9		"	10.0		159	10-153	High Bias			
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	11.6		"	10.0		116	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS (BJ50090-BS1)								Prepared & Analyzed: 10/01/2025			
Bromoform	10.8		ug/L	10.0		108	78-130				
Bromomethane	15.1		"	10.0		151	43-160				
Carbon disulfide	9.80		"	10.0		98.0	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-130				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	14.4		"	10.0		144	65-136	High Bias			
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	9.99		"	10.0		99.9	43-155				
cis-1,2-Dichloroethylene	12.4		"	10.0		124	83-129				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-130				
Cyclohexane	9.06		"	10.0		90.6	70-130				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.6		"	10.0		106	72-134				
Dichlorodifluoromethane	9.71		"	10.0		97.1	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-130				
Hexachlorobutadiene	9.43		"	10.0		94.3	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-130				
Methyl acetate	8.25		"	10.0		82.5	70-130				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-130				
Methylcyclohexane	8.59		"	10.0		85.9	72-130				
Methylene chloride	10.8		"	10.0		108	70-130				
n-Butylbenzene	9.98		"	10.0		99.8	79-132				
n-Propylbenzene	9.90		"	10.0		99.0	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.7		"	20.0		108	77-130				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.92		"	10.0		99.2	79-137				
Styrene	10.7		"	10.0		107	70-130				
tert-Butyl alcohol (TBA)	49.8		"	50.0		99.7	25-162				
tert-Butylbenzene	9.93		"	10.0		99.3	77-138				
Tetrachloroethylene	8.34		"	10.0		83.4	82-130				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-130				
trans-1,4-dichloro-2-butene	9.97		"	10.0		99.7	63-141				
Trichloroethylene	9.99		"	10.0		99.9	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	9.89		"	10.0		98.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS Dup (BJ50090-BSD1)								Prepared & Analyzed: 10/01/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.0956	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-130		0.974	20	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		4.55	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-130		1.72	20	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		6.24	20	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		2.44	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		1.41	20	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-130		5.82	20	
1,2,3-Trichloropropane	9.95		"	10.0		99.5	77-128		2.38	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-130		5.03	20	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		1.69	20	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		4.30	20	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		5.43	20	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		0.197	20	
1,2-Dichloroethane	10.7		"	10.0		107	73-130		6.78	20	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		0.296	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		2.44	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		1.19	20	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		1.09	20	
2-Butanone	10.6		"	10.0		106	49-152		14.8	20	
2-Hexanone	8.53		"	10.0		85.3	51-146		10.1	20	
4-Methyl-2-pentanone	8.70		"	10.0		87.0	57-145		11.9	20	
Acetone	11.4		"	10.0		114	40-150		7.93	20	
Acrolein	15.3		"	10.0		153	10-153		4.23	30	
Acrylonitrile	9.83		"	10.0		98.3	51-150		5.73	30	
Benzene	11.4		"	10.0		114	85-126		1.75	20	
Bromochloromethane	10.2		"	10.0		102	77-128		7.27	20	
Bromodichloromethane	10.3		"	10.0		103	79-128		1.06	20	
Bromoform	10.2		"	10.0		102	78-130		6.11	20	
Bromomethane	14.1		"	10.0		141	43-160		7.40	20	
Carbon disulfide	9.73		"	10.0		97.3	68-146		0.717	20	
Carbon tetrachloride	11.0		"	10.0		110	77-130		2.07	20	
Chlorobenzene	10.6		"	10.0		106	88-120		1.03	20	
Chloroethane	13.9		"	10.0		139	65-136	High Bias	3.18	20	
Chloroform	11.0		"	10.0		110	82-128		2.79	20	
Chloromethane	10.1		"	10.0		101	43-155		1.39	20	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	83-129		8.15	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-130		3.64	20	
Cyclohexane	8.86		"	10.0		88.6	70-130		2.23	20	
Dibromochloromethane	10.3		"	10.0		103	80-130		6.12	20	
Dibromomethane	10.0		"	10.0		100	72-134		5.91	30	
Dichlorodifluoromethane	9.40		"	10.0		94.0	44-144		3.24	20	
Ethyl Benzene	10.8		"	10.0		108	80-130		0.186	20	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		6.56	30	
Isopropylbenzene	10.4		"	10.0		104	76-130		3.33	20	
Methyl acetate	7.26		"	10.0		72.6	70-130		12.8	20	
Methyl tert-butyl ether (MTBE)	8.86		"	10.0		88.6	76-130		22.6	20	Non-dir.
Methylcyclohexane	8.64		"	10.0		86.4	72-130		0.580	20	
Methylene chloride	10.3		"	10.0		103	70-130		4.73	20	
n-Butylbenzene	10.1		"	10.0		101	79-132		0.997	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS Dup (BJ50090-BSD1)								Prepared & Analyzed: 10/01/2025			
n-Propylbenzene	10.2		ug/L	10.0		102	78-133		2.69	30	
o-Xylene	10.9		"	10.0		109	78-130		0.912	20	
p- & m- Xylenes	21.6		"	20.0		108	77-130		0.324	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		2.64	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		2.00	30	
Styrene	10.6		"	10.0		106	70-130		1.04	20	
tert-Butyl alcohol (TBA)	25.0		"	50.0		50.0	25-162		66.3	30	Non-dir.
tert-Butylbenzene	10.2		"	10.0		102	77-138		2.68	30	
Tetrachloroethylene	8.37		"	10.0		83.7	82-130		0.359	20	
Toluene	10.8		"	10.0		108	80-127		0.464	20	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-130		0.738	20	
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-130		9.12	20	
trans-1,4-dichloro-2-butene	9.26		"	10.0		92.6	63-141		7.38	30	
Trichloroethylene	10.2		"	10.0		102	82-128		2.57	20	
Trichlorofluoromethane	10.4		"	10.0		104	67-139		1.25	20	
Vinyl Chloride	9.71		"	10.0		97.1	70-130		1.84	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25I1726-01	MW-9 20250925	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25I1726-02	TB (20250925)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct the sample IDs.

Field Chain-of-Custody Record

ALS environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number: 25I1726

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:	YOUR Project Name / Number
Company: Hydrotech Environmental	Company:	230051 - 70 Freeman st Brooklyn
Address: 231 West 29th street New York, NY	Address: SAME	PO Number: 53198
Phone.: 6 31 24 7565	Phone.:	
Contact: Paul Rabi	Contact:	
E-mail:	E-mail:	
pmalta@hydrotechenvironmental.com		

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY ✓ | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) NYSDEC GQS

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	CPA 8260	Grab or Comp. G/C
MW-9 MS/MSD (20250925)	9/25	5965 PM	GW	✓										2	
TB (20250925)	9/28/25	9:45 AM	DI											2	

Field Filtered

Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Jose Faud.	9/25/2025 1900 PM	[illegible] / ALS	9/25/25 1125	[illegible] / ALS	9/25/25 1440
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[illegible]	9/25/25 1440	[illegible]	9/25/25 18:45	[illegible]	9/25/25 18:45
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
[illegible]	9/25/25 21:15			[illegible] For Jorge C.	09/25/25 21:15 / 3.7 Degrees C

APPENDIX 3
DUSR

AMXconsult, LLC

AMXconsult, LLC
155 Birch Road
Storrs, CT 06268
Tel: +1-860-942-2881

October 24, 2025

Paul Matli, PhD, PG
Vice President
Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001
pmatli@hydrotechenvironmental.com

RE: 230051 - 170 Freeman Street DUSR

Dear Mr. Matli:

AMXconsult, LLC (AMX) is pleased to submit this Data Usability Summary Report (DUSR) and Quality Assurance Validation for the subject project (230051 - 170 Freeman Street, Brooklyn, NY). The data validation was performed under Category B guidelines.

An overall assessment of the data package provided by the laboratory for SDG#25H1840 indicates acceptable laboratory performances based on the guidelines in the USEPA National Functional Guidelines and the method and QC Criteria specified in NYSDEC ASP documents. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA and SW-846 Methods. With respect to data usability and completeness, the issues listed in the data usability assessment summary (Page 11) should be taken into consideration with respect to biases identified during data validation. Minor impacts on data usability have been noted.

Sincerely,



M. Amine Dahmani, Ph.D.
Principal

DATA USABILITY SUMMARY REPORT

For:

Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001

YORK Laboratory SDG#25H1840

Project Location: 230051 - 170 Freeman Street, Brooklyn, NY

By:

Amine Dahmani, Ph.D.
Principal

October 24, 2025

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Appendix A: Data Validation Assessment Support Files

Appendix B: YORK Analytical Laboratories Technical Report

LIST OF ACRONYMS

This is a comprehensive list of acronyms used for Organic and Inorganic Data Validation. Some of the acronyms and terms were used in this report, as appropriate.

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (volatile instrument performance check)
BNA	Base/Neutral/Acid
CARD	CLP Analytical Results Database
CCB	Continuing Calibration Blank
CCCs	Calibration Check Compounds
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CLP	Contract Laboratory Program
CN	Cyanide
COC	Chain of Custody
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
CV	Cold Vapor
%D	Percent Difference
DAS	Delivery of Analytical Services
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl (Pesticide/PCB/ surrogate compound)
DFTPP	Decafluorotriphenylphosphine (semivolatile instrument performance check)
DSF	Data Summary Form
DVA	Data Validation Assessment
ECD	Electron-Capture Detector
EICP	Extended Ion Current Profile
EPA	United States Environmental Protection Agency
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/EC	Gas Chromatography/Electron Capture
GC/MS	Gas Chromatography/Mass Spectra

GPC Gel Permeation Chromatography (Clean Up)
ICAL Initial Calibration
ICB Initial Calibration Blank
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification
IDL Instrument Detection Limit
IRDA Inorganic Regional Data Assessment
IS Internal Standard
LCS Laboratory Control Sample
LCL Lower Control Limit
MCL Maximum Contamination Level
MDL Method Detection Limit
MS/MSD Matrix Spike/Matrix Spike Duplicate
m/z The ratio of mass (m) to charge (z) of ions measured by GC/MS OADS Organic Analysis Data Sheet (Form 1)
ORDA Organic Regional Data Assessment
PB Preparation Blank
PCB Poly Chlorinated Biphenyl
PEM Performance Evaluation Mixture
PFAS Polyfluorinated Alkyl Substances (PFAS analytes are listed below)
PRP Potential Responsible Party
QA/QC Quality Assurance/Quality Control
QAPjP Quality Assurance Project Plan
QC Quality Control
%R Percent Recovery of spiked amount
RAS Routine Analytical Services
RF Response Factor
RIC Reconstructed Ion Chromatogram
RPD Relative Percent Difference
RRF Relative Response Factor
RSD Relative Standard Deviation
RT Retention Time
RTW Retention Time Window
SDG Sample Delivery Group
SMC System Monitoring Compound
SMO Sample Management Office
SOP Standard Operation Procedures
SOW Statement of Work
SPCCs System Performance Check Compounds
SSL Samples Shipping Log
SVOA Semi-volatile Organic Analyte

TAL	Target Analyte List
TCL	Target Compound List
TCX	Tetrachloro-m-Xylene (Pesticide/PCB surrogate compound)
TIC	Tentatively Identified Compound
TPH	Total Petroleum Hydrocarbons
TR	Traffic Report
UCL	Upper Control Limit
VOA	Volatile Organic Analyte
VTSR	Validated Time of Sample Receipt

LIST OF TERMS

Associated Samples: Any sample related to a particular QC analysis.

Case: A finite, usually predetermined number of samples collected over a given time period for a particular site. A Case consists of one or more Sample Delivery Group(s).

Continuing Calibration Blank (CCB): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Continuing Calibration Verification (CCV): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Contract Compliance Screening (CCS): A process in which the SMO inspects the data for contractual compliance and provides EMSL-LV laboratories and the Regions with their findings.

Contractual Holding Time: The time from VTSR (validated time of sample receipt) to laboratory extraction and /or analysis

Data Validation Qualifier (DVQ): This refers to the column on the data summary form in which EPA Region III and other qualifiers have been placed by the data validator.

Data Validation Result (DVR): This refers to the column on the data summary form used to report results that have been modified by the data validator. A result in the DVR column that is qualified "U" indicates a modification of the reporting limit.

Field Blank Field blanks are intended to identify contaminants that may have been introduced in the field. Examples are rinsate blank (RB), field blanks (FB) and trip blank (TB).

Field Duplicate: A duplicate sample generated in the field; not in the laboratory.

Initial Calibration (ICAL): The establishment of a calibration curve with the appropriate number of standards and concentration ranges. The calibration curve plots absorbances and/or emissions versus concentration of the standards.

Initial Calibration Blank (ICB): First blank run after the calibration curve.

Initial Calibration Verification (ICV): First standard run after the calibration curve.

Matrix Spike/Matrix Spike Duplicate (MS/MSD): Introduction of a known concentration of a compound into a sample to provide information about the effect of sample matrix on the extraction and/or measurement methodology.

Post Digestion Spike: The addition of known amount of standard after digestion. (Also identified as analytical spike, or spike, for furnace analyses).

Preparation Blank (PB): Blank taken through the digestion process to detect internal laboratory contamination.

Performance Evaluation Mixture: A standard used to verify that the ICAL sequence is stable throughout the GC or GC/MS analyses.

Sample Delivery Group (SDG): Defined by one of the following, whichever occurs first:
- case of sample
- each twenty field samples in a case or
- each 14-day calendar period during which field samples in a case are received, beginning with the receipt of the first sample in the SDG.

Serial Dilution: A sample run at a specific dilution to determine whether any significant chemical or physical interferences exist due to sample matrix effect, for ICP only.

Technical Holding Time: The time from sample collection to laboratory extraction and /or analysis.

LIST OF VALIDATION QUALIFIERS

The qualifiers are listed in the QA/QC Reviews for USEPA Region II. They were used in this data usability summary report (DUSR). The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

U	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	Not detected, quantitation limit may be inaccurate or imprecise.

1.0 DATA USABILITY AND VALIDATION PARAMETERS, SOPs

NYSDEC DATA USABILITY SUMMARY PARAMETERS

The parameters listed below were used for the data usability summary report (DUSR) evaluation.

- Samples Handling
- Data Validation References
- Laboratory Data Packages
- Laboratory Analytical Methods
- Data Usability Assessment Summary

DATA VALIDATION SUMMARY PARAMETERS

The parameters listed below were used for data validation evaluation:

- Data Completeness
- Sample Holding Times
- Chromatographic Criteria
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning and Mass Calibration
- Initial and Continuing Calibration Verifications (ICV and CCV)
- Method Blank Verification (BLK)
- Surrogate Recoveries (SR)
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards/Labeled Compounds (IS)
- Laboratory and Field duplicates (DUP)
- Quantitation Limits and Data Assessment
- Target Analyte Identification
- Target Analyte Quantitation

DATA VALIDATION STANDARD OPERATING PROCEDURES (SOPs)

Region 2 Quality Assurance Guidance and Standard Operating Procedures:

- USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data; QA-HWSS-A-004; March 2022.
- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW 846 -Method 8260B and 8260C, SOP HWSS - 24, Revision 4; October 2014.

2.0 DATA VALIDATION REPORT NARRATIVE

2.1 NYSDEC Data Usability Summary Report (SDG#25H1840)

Site Location: 23005 - 170 Freeman St Brooklyn, NY
Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: five groundwater samples, two water samples (one field blank and one trip blank)
Sampling Date: 08/27/2025
Laboratory SDG#: 25H1840
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 10/24/2025

SAMPLE HANDLING

Based on the Chain of Custody (COC), the samples listed below were received on 08/27/2025 at 21:55 with an acceptable temperature of 2.0 °C. The samples were received intact in one cooler. No compromised vials, missing labels, or other issues were noted. The appropriate sample containers were used, consistent with the Sample Integrity and Preservation section of USEPA SW-846 method 8260D.

The COC includes an appropriate record of site location, client and project information, field sampling information (sampler, sample collection date and time), sample identification and matrix, preservation, required analysis, deliverables, turnaround time, regulatory comparison and sample custody management.

Laboratory Sample Identification	Client Sample Identification
25H1840-01	MW-10 (20252708)
25H1840-02	MW-11R (20252708)
25H1840-03	MW-13R (20252708)
25H1840-04	MW-14 (20252708)
25H1840-05	EB (20252708)
25H1840-06	TB (20252708)
25H1840-07	MW-15 (20252708)

DATA VALIDATION REFERENCES

The VOC data validation was conducted in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA 540-R-2017-002; January 2017), the USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data (QA-HWSS-A-004; March 2022), and the method and QC Criteria specified in NYSDEC ASP Documents.

LABORATORY DATA PACKAGE

The laboratory data package for SDG#25H1840 is satisfactory with respect to pagination, quality control narratives and completeness. The package included the laboratory quality assurance summary report, quality control summary data, sample non-conformance summaries, the data package forms and tables in accordance with the NYSDEC ASP B deliverable requirements. The instrument tuning information, sample preparation and analysis batch and all associated standard, quality control and sample raw data were provided.

LABORATORY ANALYTICAL METHODS

The quality assurance criteria listed in the laboratory data package indicate with a high degree of certainty the laboratory's compliance with procedures set forth in the analytical method (USEPA SW-846 Method 8260D) listed in the chain of custody. No deviation from the method was noted.

DATA USABILITY ASSESSMENT SUMMARY

An overall assessment of the data package provided by the laboratory for SDG#25H1840 indicates acceptable laboratory performances of the required SW-846 Method 8260D. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA SW-846 Method 8260D. With respect to data usability and completeness, the issues listed in the table below should be taken into consideration with respect to biases identified during data validation. Refer to the Data Validation Assessment section for the technical evaluation that supports the Data Usability Assessment (DUA) presented in the table below.

Volatile Organic Compounds – SW846 8260D Method

	Data Usability Assessment *(Refer to the Data Validation Assessment (DVA) of the specific method for technical arguments)*	**DVA Reference**
1	The non-detected result for Tetrachloroethylene in samples 25H1840- 01-07 should be qualified Estimated (UJ).	**LCS/LCSD, MS/MSD**

2.2 Data Validation Assessment (SDG#25H1840)

Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: five groundwater samples, two water samples (one field blank and one trip blank)
Sampling Date: 08/27/2025
Laboratory SDG#: 25H1840
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 10/24/2025

DATA COMPLETENESS

The data deliverable package is considered complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

HOLDING TIME

No Holding Time exceedances were noted. The samples were analyzed within the method holding times as recommended by SW846 Method 8260.

CHROMATOGRAPHIC CRITERIA

The laboratory data package, including standards, quality control samples and field sample analyses raw data (data reduction and chromatograms), shows compliance with the chromatographic criteria set forth in SW846 Method 8260D.

GC/MS TUNING AND MASS CALIBRATION

The standard tuning criteria were within control limits as outlined in the SW846 Method 8260D.

INITIAL CALIBRATION VERIFICATION (ICV)

The laboratory data of the initial calibration standards have been evaluated for compliance with the method criteria for Average Response Factors (RRFs), Percent Relative Standard Deviations (%RSDs), and the coefficient of determination COD (as needed). The method calibration criteria are as follows:

- Average RRFs must be greater than the required values and at least greater than 0.01 for all target compounds and >0.001 for 1,4 Dioxane.
- %RSD must be less than 20%.
- The coefficient of determination (COD) must be greater than 0.995.

The evaluation of the data indicates the following:

Calibration SH50062 (Instrument VOA No. 10): For the initial calibration reference (File ID# V10C14728.D), the average RRFs, %RSDs and the coefficient of determination (COD), for reported target compounds were in compliance with the method calibration criteria except for 1,2-Dibromo-3-chloropropane.

The Initial Calibration Verification - Second-Source Calibration Check (Lab ID#S5H2801-SCV1) results indicate %Ds for Dichlorodifluoromethane (-35.4%), Methyl Acetate (56.3%) and Tetrachloroethylene (-31.1%) that were above the QC limit of 30.

No action is required when less than 20% of the calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Assessment: No action required.

CONTINUING CALIBRATION VERIFICATION

The laboratory data of the continuing calibration standards have been evaluated for compliance with the method criteria for required frequency, Relative Response Factor (RRFs) and Percent Difference (%Ds). The evaluation of the data indicates the following:

Calibration SH50062 (Instrument VOA No. 10): The continuing calibration reference sample S5I0205-CCV1 met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), except for %Ds of 1,2-Dibromo-3-chloropropane, Acetone, Bromomethane, Acrolein, Hexachlorobutadiene, Methyl tert-butyl ether (MTBE) and Tetrachloroethylene, that were above the allowable maximum of 20. These compounds were not detected in the associated samples.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Assessment: No action is required.

METHOD BLANK VERIFICATION (BLK)

Method Blank results (sample BH52261-BLK1) indicate that no reportable target compounds were detected above the method reporting limits (RL). Associated samples 25H1840- 01-07.

Quality Assessment: No action is required.

SURROGATE RECOVERIES (SR)

No Surrogate Recovery issues were encountered. Surrogate Recoveries for all samples were within method control limits.

Quality Assessment: No action is required.

INTERNAL STANDARD AREA SUMMARY (IS)

No Internal Standards issues were encountered. The internal standard retention times and the internal standard areas were within method control limits.

Quality Assessment: No action is required.

LABORATORY CONTROL SAMPLE (LCS)

The laboratory control samples (LCS) in the dataset have been evaluated for method compliance (Percent Recoveries: %Rs and Relative Percent Difference: %RPDs). The results indicate the following:

LCS sample BH52261-BS1 and LCS Dup sample BH52261-BSD1 Associated samples 25H1840- 01-07: The %R for all target volatiles were within control limits except for Methyl acetate (LCS/LCSD of 182%/188%, biased high) and Tetrachloroethylene (LCS/LCSD of 65.9%/66.7%, biased low). Methyl Acetate was not detected in the associated samples. Associated samples 25H1840- 01-07.

Quality Assessment: The non-detected results for Tetrachloroethylene in samples 25H1840- 01-07 should be qualified Estimated (UJ).

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE (MS/MSD)

As required by the method QA/QC criteria, the MS/MSD in a designated sample listed in this data set has been evaluated for method compliance purposes.

MS/MSD samples BH52261-MS1/MS1D (source sample 25H1840-04) were analyzed in this sample set.

The MS/MSD %Rs for Methyl Acetate (185%/185%, biased high) and Tetrachloroethylene (62.9%/64.3%, biased low) were outside the method acceptance criteria. Methyl Acetate and Tetrachloroethylene were not detected in associated samples 25H1840- 01-07.

Quality Assessment: The non-detected results for Tetrachloroethylene in samples 25H1840- 01-07 should be qualified Estimated (UJ).

TARGET ANALYTE IDENTIFICATION

Target compounds, internal standards and surrogates were checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with

SW846 Method 8260D for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.

TARGET ANALYTE QUANTIFICATION

Target compounds were quantitated using the appropriate method calculation criteria in accordance with SW846 Method 8260D procedures and guidelines.

Note: All associated QC forms, tables, chromatograms for the method for this SDG are presented in Appendices A&B.

APPENDIX A

DATA VALIDATION ASSESSMENT SUPPORT FILES

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 25H1840

Samples Received: 08/27/2025 21:55 **By:** Mckenzie Elliott **Logged In:** 08/27/2025 16:19 **By:** Jenny M Fogle

Sample Conditions:

- [ ] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [x] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
25H1840-01	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-02	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-03	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-04	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-05	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-06	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-07	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
25H1840-01	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 3:14	Palak M. Bhavsar
25H1840-02	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 3:43	Palak M. Bhavsar
25H1840-03	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 4:11	Palak M. Bhavsar
25H1840-04	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 4:40	Palak M. Bhavsar
25H1840-05	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 5:09	Palak M. Bhavsar
25H1840-06	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 0:52	Palak M. Bhavsar
25H1840-07	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 5:37	Palak M. Bhavsar

Field Chain-of-Custody Record

ALS Environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

ALS Project Number: 25H1840

Report To:
Company: HydroTech Environmental
Address: 231 West 29th Street New York, NY
Phone: 631 241 7955
Contact: Paul Mottl
E-mail: pmottl@hydrotechenvironmental.com

Invoice To:
Company:
Address: SAME
Phone:
Contact:
E-mail:

YOUR Project Name / Number: 230054 - 170 Freeman St Brooklyn

PO Number: 53198

Samples Collected From: NY [X] CT [ ] NJ [ ] PA [ ] Other: (please specify)

Turn-Around Time
- [ ] RUSH - Next Day
- [ ] RUSH - Two Day
- [ ] RUSH - Three Day
- [ ] RUSH - Four Day
- [ ] RUSH - Five Day
- [X] Standard (6-9 Day)
- [ ] PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Matthew Sanchez

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested: EPA 8260

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	EPA 8260	Grab or Comp. G/C
MW-10 (20252708)	8/27/25	1135	GW	X										X	
MW-11R (20252708)		1030	GW	X											
MW-13R (20252708)		1010	GW	X											
MW-14 MS/MSD (20252708)		0925	GW	X											
EB (20252708)		1100	DI	X											
TB (20252708)			DI												
MW-15 (20252708)		1240	GW	X											

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)
~~NYSDEC GQS~~ NYSDEC GQS

- [ ] Field Filtered
- [ ] Lab Filtered

Comments:

Samples iced/chilled at time of lab pick up? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: Matthew Sanchez/HTE — Date/Time: 8/27/25 @1351	1. Samples Received by / Company: [illegible] — Date/Time: 8/27/25 1351	2. Samples Relinquished by / Company: [illegible] — Date/Time: 8.27.25 14:10
2. Samples Received by / Company: [illegible] — Date/Time: 8.27.25 14:10 4.2	3. Samples Relinquished by / Company: [illegible] — Date/Time: 8.27.25 21:55	3. Samples Received by / Company: [illegible] — Date/Time: 8/27/25 18:30
4. Samples Relinquished by / Company: [illegible] — Date/Time: 8/27/25	4. Samples Received by / Company: — Date/Time:	Samples Received in LAB by: [illegible] — Date/Time: 8/27/25 21:55 — Temperature: 2.4 Degrees C

GC/MS 8260
Analysis

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Calibration: SH50062
Instrument: VOA No. 10
Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.166981	7.267062	9.11225	4.187017E-02			20	
1,1,1-Trichloroethane	3.113191	3.78285	5.336	6.335893E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4419617	5.359374	10.464	3.392533E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.97682	5.506153	3.1435	8.767817E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.7952306	5.465772	8.0175	3.879498E-02			SPCC (0.1)	
1,1-Dichloroethane	3.982758	2.621554	4.346	1.756087E-02			SPCC (0.2)	
1,1-Dichloroethylene	2.983776	3.072824	3.175125	6.642346E-03			SPCC (0.1)	
1,1-Dichloropropylene	3.242259	2.613114	5.48525	4.007454E-02			20	
1,2,3-Trichlorobenzene	0.2107829	9.805876	14.408	1.752739E-02			20	
1,2,3-Trichloropropane	0.1191643	6.714238	10.51138	3.012102E-02			20	
1,2,3-Trimethylbenzene	2.624766	6.564091	11.5995	1.303581E-02			20	
1,2,4,5-Tetramethylbenzene	1.740768	13.79665	12.783	1.033462E-02			20	
1,2,4-Trichlorobenzene	0.366322	10.94949	13.832	2.320825E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.817368	7.035422	11.1115	1.956272E-02			20	
1,2-Dibromo-3-chloropropane	4.461432E-02	15.57267	12.93675	2.520797E-03			SPCC (0.05)	
1,2-Dibromoethane	0.6945634	6.071946	8.553	2.705998E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.126683	3.397597	12.009	1.522872E-02			SPCC (0.4)	
1,2-Dichloroethane	1.780963	4.438511	5.76	2.473489E-02			SPCC (0.1)	
1,2-Dichloropropane	1.524161	3.735846	6.5515	3.835474E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.992152	4.696554	10.686	2.555815E-02			20	
1,3-Dichlorobenzene	1.418601	3.586989	11.47375	2.121246E-03			SPCC (0.6)	
1,3-Dichloropropane	1.456107	4.427398	8.187	2.473274E-02			20	
1,4-Dichlorobenzene	1.385616	4.113452	11.57675	2.324979E-02			SPCC (0.5)	
1,4-Dioxane	5.958301E-03	5.344467	6.687	4.246423E-02			20	
2,2-Dichloropropane	2.947404	3.142236	4.86925	3.921691E-02			20	
2-Butanone	9.316292E-02	36.634	4.306375	40.40616		0.9998941	SPCC (0.1)	
2-Chloroethylvinyl ether	3.379836E-02	29.39505	7.094	0.0429589			20	*
2-Chlorotoluene	3.015479	5.944245	10.62575	1.950598E-02			20	
2-Hexanone	0.3398412	9.375913	8.22975	4.895016E-02			SPCC (0.1)	
2-Nitropropane	0.1437995	13.83142	7.083	4.092089E-02			20	
4-Chlorotoluene	2.577679	4.751323	10.74775	1.353175E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.5170132	8.170765	7.382	8.715368E-03			SPCC (0.1)	
Acetone	8.708547E-02	13.2338	3.28275	0.1673577			SPCC (0.1)	
Acrolein	0.1216734	10.19446	3.1287	0.1632529			20	
Acrylonitrile	0.262527	7.362147	3.9764	7.759668E-02			20	
Allyl chloride	2.905038	7.613364	3.54775	5.792697E-02			20	
Benzene	9.292353	2.151047	5.699	6.043099E-03			SPCC (0.5)	
Bromobenzene	1.275524	5.989502	10.436	1.420141E-02			20	
Bromochloromethane	1.343092	3.52647	5.14375	4.880147E-02			20	
Bromodichloromethane	1.581069	6.138698	6.83225	3.129069E-02			SPCC (0.2)	
Bromoform	0.3935867	15.23034	9.961	1.768706E-02			SPCC (0.1)	
Bromomethane	0.8230212	26.64788	2.29925	0.1298251		0.9994951	SPCC (0.1)	
Carbon disulfide	5.830987	5.422646	3.404	9.493885E-02			SPCC (0.1)	
Carbon tetrachloride	2.565297	5.532819	5.4785	0.0482881			SPCC (0.1)	
Chlorobenzene	4.001925	4.219565	9.02425	3.856766E-02			SPCC (0.5)	
Chloroethane	1.588684	5.095744	2.401	1.294433E-02			SPCC (0.1)	
Chloroform	3.497171	2.69821	5.20625	4.475556E-02			SPCC (0.2)	
Chloromethane	2.142794	8.725825	1.83475	0.1147818			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.237227	2.586909	4.90175	4.719931E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.947029	8.212754	7.251	4.091648E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.3120351	13.35328	12.53537	3.180157E-02			20	
Cyclohexane	4.497274	2.674797	5.3475	4.975468E-02			SPCC (0.1)	
Dibromochloromethane	0.8665808	9.258941	8.4305	1.161525E-02			SPCC (0.1)	
Dibromomethane	0.5289642	4.724219	6.693	0.0180736			20	
Dichlorodifluoromethane	2.269707	15.87884	1.626	0.1896073			SPCC (0.1)	
Diisopropyl ether (DIPE)	6.043059	4.971701	4.322375	5.139276E-02			20	
Ethanol	2.789493E-02	5.132095	2.931	7.044999E-02			20	
Ethyl Benzene	7.795605	4.432987	9.101	2.149663E-02			SPCC (0.1)	
Ethyl Ether	1.094874	3.904662	2.9325	7.691586E-02			20	
Ethyl Methacrylate	1.007017	12.38348	7.83525	4.003732E-02			20	
Ethyl tert-butyl ether (ETBE)	4.707772	3.610105	4.66675	6.718868E-02			20	
Freon 115	0.1487529	43.00504	1.469	1.749482E-02			20	*
Freon 123	2.911072	3.595253	3.050375	0.1097506			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.736246	14.2945	1.604375	3.015081E-02			20	
Freon 22	2.357636	10.67794	1.653	0.1512962			20	
Hexachlorobutadiene	0.1924908	5.857038	13.96975	1.902784E-02			20	
Hexachloroethane	0.3295449	28.24204	12.25375	2.098228E-02		0.9986844	0.99	
Iodomethane	1.193837	34.65524	3.358	9.468543E-02		0.9968656	0.99	
Isopropylbenzene	4.231803	6.901059	10.04075	1.570653E-02			SPCC (0.1)	
Limonene	0.8510092	16.70031	11.37575	1.686983E-02			20	
Methyl acetate	0.557536	3.793396	3.578	1.982836E-02			SPCC (0.1)	
Methyl Methacrylate	0.471579	8.538833	6.61325	3.582094E-02			20	
Methyl tert-butyl ether (MTBE)	3.136487	5.882882	3.889	1.861588E-02			SPCC (0.1)	
Methylcyclohexane	3.203845	4.319825	6.428	5.253741E-02			SPCC (0.1)	
Methylene chloride	2.492036	17.09151	3.694	0.0191402			SPCC (0.1)	
Naphthalene	0.6178774	15.56804	14.131	9.06863E-03			20	
n-butyl acetate	0.9084435	12.04113	8.31575	3.377877E-02			20	
n-Butylbenzene	2.832003	7.319386	11.91875	1.462668E-02			20	
n-Decane	0.5627535	55.18495	10.60325	2.428622E-02		0.9942678	0.99	
n-Hexane	3.656072	5.944975	4.10575	7.507305E-02			20	
Nitrobenzene	1.169878E-02	35.14809	13.1932	1.496386E-02		0.9969555	0.99	
n-Nonane	0.869315	15.25222	9.144	1.899665E-02			20	
n-octane	0.8955522	7.807074	7.5575	3.724653E-02			20	
n-Propylbenzene	4.931336	6.874699	10.49625	2.020787E-02			20	
n-undecane	0.2239769	66.10658	11.94286	1.912512E-02		0.9992202	0.99	
o-Xylene	5.370455	6.460817	9.66125	0.0277459			SPCC (0.3)	
p- & m- Xylenes	5.703761	3.871443	9.223	7.475065E-03			SPCC (0.1)	
p-Ethyltoluene	3.937955	6.948234	10.61975	1.517891E-02			20	
p-Isopropyltoluene	3.015364	6.31932	11.4495	2.013854E-02			20	
sec-Butylbenzene	3.683829	7.346301	11.29075	8.496751E-03			20	
Styrene	4.175838	7.333843	9.687625	2.938797E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.794814	3.048824	5.687	2.511465E-02			20	
SURR: p-Bromofluorobenzene	1.223414	2.477574	10.2617	3.283081E-02			20	
SURR: Toluene-d8	6.843511	3.473903	7.4799	3.276387E-02			20	
tert-Amyl alcohol (TAA)	6.199539E-02	20.01982	5.7178	0.1770284		0.9999477	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Calibration: SH50062
Instrument: VOA No. 10
Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	4.128497	5.67646	5.74275	3.900973E-02			20	
tert-Butyl alcohol (TBA)	6.132946E-02	26.9471	3.813444	0.1454157		0.9996537	0.99	
tert-Butylbenzene	2.588806	7.414107	11.04825	2.969824E-02			20	
Tetrachloroethylene	2.57558	7.056095	8.08975	2.116578E-02			SPCC (0.2)	
Tetrahydrofuran	8.067385E-02	20.3274	5.1654	9.863248E-02		0.9999618	0.99	
Toluene	7.093532	3.609271	7.547375	2.881494E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.846022	1.997244	3.9235	7.020729E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.396051	10.7767	7.8165	3.562093E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.4471243	8.967188	10.51213	3.014684E-02			20	
trans-decahydronaphthalene	0.4166985	7.207771	11.88529	2.166492E-02			20	
Trichloroethylene	1.686929	4.875177	6.303	1.890681E-02			SPCC (0.2)	
Trichlorofluoromethane	3.019182	5.972719	2.64425	8.184592E-02			SPCC (0.1)	
Vinyl acetate	0.1982956	11.24498	4.373875	7.447342E-02			20	
Vinyl Chloride	2.512854	6.585963	1.9395	0.1431396			SPCC (0.1)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 **Laboratory ID:** S5H2801-SCV1

Sequence: S5H2801 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.1	0.9	30.00
1,1,1-Trichloroethane	10.0	9.85	-1.5	30.00
1,1,2,2-Tetrachloroethane	10.0	9.53	-4.7	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.81	-1.9	30.00
1,1,2-Trichloroethane	10.0	9.99	-0.1	30.00
1,1-Dichloroethane	10.0	9.61	-3.9	30.00
1,1-Dichloroethylene	10.0	9.88	-1.2	30.00
1,2,3-Trichlorobenzene	10.0	11.3	13.4	30.00
1,2,3-Trichloropropane	10.0	9.80	-2.0	30.00
1,2,4-Trichlorobenzene	10.0	10.9	9.4	30.00
1,2,4-Trimethylbenzene	10.0	10.3	2.9	30.00
1,2-Dibromo-3-chloropropane	10.0	10.1	1.1	30.00
1,2-Dibromoethane	10.0	10.2	1.6	30.00
1,2-Dichlorobenzene	10.0	9.90	-1.0	30.00
1,2-Dichloroethane	10.0	9.25	-7.5	30.00
1,2-Dichloropropane	10.0	9.98	-0.2	30.00
1,3,5-Trimethylbenzene	10.0	10.3	3.1	30.00
1,3-Dichlorobenzene	10.0	9.81	-1.9	30.00
1,4-Dichlorobenzene	10.0	9.94	-0.6	30.00
2-Butanone	10.0	10.4	3.7	30.00
2-Hexanone	10.0	10.7	6.8	30.00
4-Methyl-2-pentanone	10.0	10.1	1.3	30.00
Acetone	10.0	11.1	11.1	30.00
Acrolein	10.0	12.5	25.0	30.00
Acrylonitrile	10.0	10.6	6.2	30.00
Benzene	10.0	10.0	0.4	30.00
Bromochloromethane	10.0	9.79	-2.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 **Laboratory ID:** S5H2801-SCV1

Sequence: S5H2801 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	9.74	-2.6	30.00
Bromoform	10.0	10.6	5.6	30.00
Bromomethane	10.0	9.75	-2.5	30.00
Carbon disulfide	10.0	9.57	-4.3	30.00
Carbon tetrachloride	10.0	9.93	-0.7	30.00
Chlorobenzene	10.0	10.1	0.9	30.00
Chloroethane	10.0	9.46	-5.4	30.00
Chloroform	10.0	9.64	-3.6	30.00
Chloromethane	10.0	8.43	-15.7	30.00
cis-1,2-Dichloroethylene	10.0	9.96	-0.4	30.00
cis-1,3-Dichloropropylene	10.0	10.4	3.6	30.00
Cyclohexane	10.0	9.98	-0.2	30.00
Dibromochloromethane	10.0	10.2	2.4	30.00
Dibromomethane	10.0	9.67	-3.3	30.00
Dichlorodifluoromethane	10.0	6.46	-35.4 *	30.00
Ethyl Benzene	10.0	10.2	2.3	30.00
Hexachlorobutadiene	10.0	10.7	7.1	30.00
Isopropylbenzene	10.0	9.97	-0.3	30.00
Methyl acetate	10.0	15.6	56.3 *	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.59	-4.1	30.00
Methylcyclohexane	10.0	9.89	-1.1	30.00
Methylene chloride	10.0	8.72	-12.8	30.00
n-Butylbenzene	10.0	10.1	0.7	30.00
n-Propylbenzene	10.0	9.80	-2.0	30.00
o-Xylene	10.0	10.6	5.6	30.00
p- & m- Xylenes	20.0	20.6	3.0	30.00
p-Isopropyltoluene	10.0	10.0	0.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Calibration: SH50062
Laboratory ID: S5H2801-SCV1
Sequence: S5H2801
Standard ID: S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	9.96	-0.4	30.00
Styrene	10.0	10.2	1.8	30.00
tert-Butyl alcohol (TBA)	50.0	43.0	-13.9	30.00
tert-Butylbenzene	10.0	10.0	0.0	30.00
Tetrachloroethylene	10.0	6.89	-31.1 *	30.00
Toluene	10.0	10.2	1.6	30.00
trans-1,2-Dichloroethylene	10.0	9.92	-0.8	30.00
trans-1,3-Dichloropropylene	10.0	10.2	1.5	30.00
trans-1,4-dichloro-2-butene	10.0	9.48	-5.2	30.00
Trichloroethylene	10.0	9.79	-2.1	30.00
Trichlorofluoromethane	10.0	9.42	-5.8	30.00
Vinyl Chloride	10.0	8.90	-11.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.7	1.166981	1.25125		7.2	20	
1,1,1-Trichloroethane	A	10.0	10.3	3.113191	3.214983	0.1	3.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.00	0.4419617	0.3976919	0.3	-10.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.93	1.97682	1.962977	0.1	-0.7	20	
1,1,2-Trichloroethane	A	10.0	10.6	0.7952306	0.8413444	0.1	5.8	20	
1,1-Dichloroethane	A	10.0	10.4	3.982758	4.140628	0.2	4.0	20	
1,1-Dichloroethylene	A	10.0	10.8	2.983776	3.213619	0.1	7.7	20	
1,2,3-Trichlorobenzene	A	10.0	11.3	0.2107829	0.2377222		12.8	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.1191643	0.1211502		1.7	20	
1,2,4-Trichlorobenzene	A	10.0	10.2	0.366322	0.3736764	0.2	2.0	20	
1,2,4-Trimethylbenzene	A	10.0	9.69	2.817368	2.730241		-3.1	20	
1,2-Dibromo-3-chloropropane	A	10.0	12.2	4.461432E-02	5.453919E-02	0.05	22.2	20	*
1,2-Dibromoethane	A	10.0	11.1	0.6945634	0.7680718	0.1	10.6	20	
1,2-Dichlorobenzene	A	10.0	9.83	1.126683	1.10732	0.4	-1.7	20	
1,2-Dichloroethane	A	10.0	10.1	1.780963	1.804542	0.1	1.3	20	
1,2-Dichloropropane	A	10.0	10.5	1.524161	1.596696	0.1	4.8	20	
1,3,5-Trimethylbenzene	A	10.0	9.65	2.992152	2.886098		-3.5	20	
1,3-Dichlorobenzene	A	10.0	9.63	1.418601	1.365527	0.6	-3.7	20	
1,4-Dichlorobenzene	A	10.0	9.70	1.385616	1.344471	0.5	-3.0	20	
2-Butanone	A	10.0	10.7	9.316292E-02	0.1125457	0.1	6.7	20	
2-Hexanone	A	10.0	10.6	0.3398412	0.3607868	0.1	6.2	20	
4-Methyl-2-pentanone	A	10.0	10.7	0.5170132	0.5517459	0.1	6.7	20	
Acetone	A	10.0	13.4	8.708547E-02	0.1162919	0.1	33.5	20	*
Acrolein	A	40.0	24.2	0.1216734	7.375912E-02		-39.4	20	*
Acrylonitrile	A	50.0	59.3	0.262527	0.3115629		18.7	20	
Benzene	A	10.0	10.4	9.292353	9.623322	0.5	3.6	20	
Bromochloromethane	A	10.0	10.3	1.343092	1.381751		2.9	20	
Bromodichloromethane	A	10.0	10.6	1.581069	1.680705	0.2	6.3	20	
Bromoform	A	10.0	11.7	0.3935867	0.4602574	0.1	16.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	7.41	0.8230212	0.6315057	0.1	-25.9	20	*
Carbon disulfide	A	10.0	10.8	5.830987	6.295149	0.1	8.0	20	
Carbon tetrachloride	A	10.0	10.1	2.565297	2.586327	0.1	0.8	20	
Chlorobenzene	A	10.0	10.5	4.001925	4.199343	0.5	4.9	20	
Chloroethane	A	10.0	11.3	1.588684	1.79562	0.1	13.0	20	
Chloroform	A	10.0	10.5	3.497171	3.664493	0.2	4.8	20	
Chloromethane	A	10.0	9.82	2.142794	2.104838	0.1	-1.8	20	
cis-1,2-Dichloroethylene	A	10.0	9.85	3.237227	3.187779	0.1	-1.5	20	
cis-1,3-Dichloropropylene	A	10.0	10.0	1.947029	1.955914	0.2	0.5	20	
Cyclohexane	A	10.0	10.1	4.497274	4.558571	0.1	1.4	20	
Dibromochloromethane	A	10.0	11.0	0.8665808	0.9544333	0.1	10.1	20	
Dibromomethane	A	10.0	10.5	0.5289642	0.5565579		5.2	20	
Dichlorodifluoromethane	A	10.0	8.50	2.269707	1.929083	0.1	-15.0	20	
Ethyl Benzene	A	10.0	10.3	7.795605	8.032592	0.1	3.0	20	
Hexachlorobutadiene	A	10.0	7.36	0.1924908	0.1416972		-26.4	20	*
Isopropylbenzene	A	10.0	9.84	4.231803	4.163167	0.1	-1.6	20	
Methyl acetate	A	10.0	12.0	0.557536	0.6754888	0.1	21.2	20	*
Methyl tert-butyl ether (MTBE)	A	10.0	12.2	3.136487	3.814239	0.1	21.6	20	*
Methylcyclohexane	A	10.0	9.59	3.203845	3.072663	0.1	-4.1	20	
Methylene chloride	A	10.0	10.3	2.492036	2.559113	0.1	2.7	20	
n-Butylbenzene	A	10.0	8.71	2.832003	2.46668		-12.9	20	
n-Propylbenzene	A	10.0	9.55	4.931336	4.710892		-4.5	20	
o-Xylene	A	10.0	10.8	5.370455	5.802935	0.3	8.1	20	
p- & m- Xylenes	A	20.0	20.8	5.703761	5.921905	0.1	3.8	20	
p-Isopropyltoluene	A	10.0	9.39	3.015364	2.830453		-6.1	20	
sec-Butylbenzene	A	10.0	9.47	3.683829	3.489256		-5.3	20	
Styrene	A	10.0	10.9	4.175838	4.557007	0.3	9.1	20	
tert-Butyl alcohol (TBA)	A	50.0	55.9	6.132946E-02	7.549631E-02		11.7	20	
tert-Butylbenzene	A	10.0	9.86	2.588806	2.552669		-1.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	12.8	2.57558	3.298331	0.2	28.1	20 *
Toluene	A	10.0	10.3	7.093532	7.319087	0.4	3.2	20
trans-1,2-Dichloroethylene	A	10.0	10.9	2.846022	3.102148	0.1	9.0	20
trans-1,3-Dichloropropylene	A	10.0	10.2	1.396051	1.430688	0.1	2.5	20
trans-1,4-dichloro-2-butene	A	10.0	9.37	0.4471243	0.4187662		-6.3	20
Trichloroethylene	A	10.0	10.8	1.686929	1.822941	0.2	8.1	20
Trichlorofluoromethane	A	10.0	10.3	3.019182	3.106604	0.1	2.9	20
Vinyl Chloride	A	10.0	10.4	2.512854	2.611046	0.1	3.9	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5I0205-CCV1)				Lab File ID: V10C14878.D		Analyzed: 08/30/25 22:00		
SURR: 1,2-Dichloroethane-d4	10.0	98.7	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	102	80 - 120	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.6	80 - 120	10.266	10.2617	0.0043	+/-0.50	
LCS (BH52261-BS1)				Lab File ID: V10C14879.D		Analyzed: 08/30/25 22:29		
SURR: 1,2-Dichloroethane-d4	10.0	103	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.3	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	99.1	79 - 122	10.266	10.2617	0.0043	+/-0.50	
LCS Dup (BH52261-BSD1)				Lab File ID: V10C14880.D		Analyzed: 08/30/25 22:57		
SURR: 1,2-Dichloroethane-d4	10.0	97.9	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.9	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
Blank (BH52261-BLK1)				Lab File ID: V10C14882.D		Analyzed: 08/30/25 23:54		
SURR: 1,2-Dichloroethane-d4	10.0	97.7	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.266	10.2617	0.0043	+/-0.50	
TB (20252708) (25H1840-06)				Lab File ID: V10C14884.D		Analyzed: 08/31/25 00:52		
SURR: 1,2-Dichloroethane-d4	10.0	98.5	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
MW-10 (20252708) (25H1840-01)				Lab File ID: V10C14889.D		Analyzed: 08/31/25 03:14		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.2	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.266	10.2617	0.0043	+/-0.50	
MW-11R (20252708) (25H1840-02)				Lab File ID: V10C14890.D		Analyzed: 08/31/25 03:43		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.5	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.265	10.2617	0.0033	+/-0.50	
MW-13R (20252708) (25H1840-03)				Lab File ID: V10C14891.D		Analyzed: 08/31/25 04:11		
SURR: 1,2-Dichloroethane-d4	10.0	102	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.266	10.2617	0.0043	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-14 (20252708) (25H1840-04)				Lab File ID: V10C14892.D		Analyzed: 08/31/25 04:40		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.0	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.265	10.2617	0.0033	+/-0.50	
EB (20252708) (25H1840-05)				Lab File ID: V10C14893.D		Analyzed: 08/31/25 05:09		
SURR: 1,2-Dichloroethane-d4	10.0	105	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.1	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
MW-15 (20252708) (25H1840-07)				Lab File ID: V10C14894.D		Analyzed: 08/31/25 05:37		
SURR: 1,2-Dichloroethane-d4	10.0	95.4	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.5	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	109	79 - 122	10.26	10.2617	-0.0017	+/-0.50	
Matrix Spike (BH52261-MS1)				Lab File ID: V10C14899.D		Analyzed: 08/31/25 08:00		
SURR: 1,2-Dichloroethane-d4	10.0	100	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	95.2	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.26	10.2617	-0.0017	+/-0.50	
Matrix Spike Dup (BH52261-MSD1)				Lab File ID: V10C14900.D		Analyzed: 08/31/25 08:29		
SURR: 1,2-Dichloroethane-d4	10.0	99.4	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	95.1	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.265	10.2617	0.0033	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	9.93	99.3	45 - 161
1,1,1-Trichloroethane	10.0	0.00	10.3	103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	11.5	115	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	9.53	95.3	70 - 130
1,1,2-Trichloroethane	10.0	0.00	10.7	107	70 - 130
1,1-Dichloroethane	10.0	0.00	10.4	104	70 - 130
1,1-Dichloroethylene	10.0	0.00	10.8	108	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	9.07	90.7	70 - 130
1,2,3-Trichloropropane	10.0	0.00	11.1	111	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	9.44	94.4	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	10.8	108	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	11.7	117	40 - 151
1,2-Dibromoethane	10.0	0.00	10.9	109	75 - 125
1,2-Dichlorobenzene	10.0	0.00	10.2	102	70 - 122
1,2-Dichloroethane	10.0	0.00	10.3	103	70 - 130
1,2-Dichloropropane	10.0	0.00	10.7	107	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	10.7	107	69 - 126
1,3-Dichlorobenzene	10.0	0.00	9.99	99.9	74 - 119
1,4-Dichlorobenzene	10.0	0.00	9.98	99.8	70 - 124
2-Butanone	10.0	0.00	10.2	102	40 - 160
2-Hexanone	10.0	0.00	11.2	112	53 - 133
4-Methyl-2-pentanone	10.0	0.00	11.4	114	40 - 150
Acetone	10.0	0.540	10.1	95.9	40 - 149
Acrolein	10.0	0.310	12.5	122	10 - 195
Acrylonitrile	10.0	0.00	12.0	120	37 - 165
Benzene	10.0	0.00	10.4	104	70 - 130
Bromochloromethane	10.0	0.00	11.3	113	75 - 121
Bromodichloromethane	10.0	0.00	10.2	102	70 - 129
Bromoform	10.0	0.00	10.5	105	70 - 130
Bromomethane	10.0	0.00	5.50	55.0	40 - 158
Carbon disulfide	10.0	0.00	9.72	97.2	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	10.0	0.00	10.2	102	71 - 130
Chlorobenzene	10.0	0.00	10.0	100	81 - 117
Chloroethane	10.0	0.00	10.2	102	51 - 145
Chloroform	10.0	0.00	10.1	101	80 - 124
Chloromethane	10.0	0.00	6.87	68.7	40 - 160
cis-1,2-Dichloroethylene	10.0	0.00	10.4	104	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	10.3	103	70 - 130
Cyclohexane	10.0	0.00	10.5	105	70 - 130
Dibromochloromethane	10.0	0.00	10.2	102	71 - 129
Dibromomethane	10.0	0.00	10.4	104	76 - 120
Dichlorodifluoromethane	10.0	0.00	4.99	49.9	40 - 147
Ethyl Benzene	10.0	0.00	10.3	103	72 - 128
Hexachlorobutadiene	10.0	0.00	8.21	82.1	34 - 166
Isopropylbenzene	10.0	0.00	10.6	106	70 - 130
Methyl acetate	10.0	0.00	18.5	185 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.4	114	75 - 128
Methylcyclohexane	10.0	0.00	9.69	96.9	70 - 130
Methylene chloride	10.0	0.00	10.3	103	70 - 128
n-Butylbenzene	10.0	0.00	9.84	98.4	61 - 138
n-Propylbenzene	10.0	0.00	10.4	104	66 - 134
o-Xylene	10.0	0.00	10.8	108	70 - 126
p- & m- Xylenes	20.0	0.00	20.9	104	70 - 130
p-Isopropyltoluene	10.0	0.00	9.94	99.4	64 - 137
sec-Butylbenzene	10.0	0.00	10.3	103	53 - 155
Styrene	10.0	0.00	10.2	102	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	55.3	111	10 - 130
tert-Butylbenzene	10.0	0.00	10.4	104	65 - 139
Tetrachloroethylene	10.0	0.00	6.29	62.9 *	70 - 130
Toluene	10.0	0.00	10.3	103	76 - 123
trans-1,2-Dichloroethylene	10.0	0.00	10.8	108	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	10.4	104	70 - 130
trans-1,4-dichloro-2-butene	10.0	0.00	10.4	104	25 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-MS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	0.00	9.43	94.3	70 - 130
Trichlorofluoromethane	10.0	0.00	9.45	94.5	61 - 142
Vinyl Chloride	10.0	0.00	8.80	88.0	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	2.88	30	45 - 161
1,1,1-Trichloroethane	10.0	10.3	103	0.486	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.4	114	0.524	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.95	89.5	6.28	20	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	1.21	20	70 - 130
1,1-Dichloroethane	10.0	10.4	104	0.673	20	70 - 130
1,1-Dichloroethylene	10.0	10.7	107	0.279	20	70 - 130
1,2,3-Trichlorobenzene	10.0	10.0	100	9.85	20	70 - 130
1,2,3-Trichloropropane	10.0	11.0	110	1.36	30	74 - 127
1,2,4-Trichlorobenzene	10.0	10.2	102	7.93	20	70 - 130
1,2,4-Trimethylbenzene	10.0	10.9	109	1.02	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	11.8	118	1.36	20	40 - 151
1,2-Dibromoethane	10.0	10.9	109	0.275	20	75 - 125
1,2-Dichlorobenzene	10.0	10.4	104	1.75	20	70 - 122
1,2-Dichloroethane	10.0	10.3	103	0.485	20	70 - 130
1,2-Dichloropropane	10.0	10.9	109	2.22	20	77 - 121
1,3,5-Trimethylbenzene	10.0	10.9	109	1.57	30	69 - 126
1,3-Dichlorobenzene	10.0	10.1	101	0.897	20	74 - 119
1,4-Dichlorobenzene	10.0	10.1	101	1.39	20	70 - 124
2-Butanone	10.0	10.4	104	1.17	20	40 - 160
2-Hexanone	10.0	11.7	117	4.02	20	53 - 133
4-Methyl-2-pentanone	10.0	11.9	119	3.69	20	40 - 150
Acetone	10.0	10.5	99.3	3.30	20	40 - 149
Acrolein	10.0	13.1	128	4.68	30	10 - 195
Acrylonitrile	10.0	12.1	121	1.08	30	37 - 165
Benzene	10.0	10.5	105	0.767	20	70 - 130
Bromochloromethane	10.0	11.3	113	0.0882	20	75 - 121
Bromodichloromethane	10.0	10.4	104	2.13	20	70 - 129
Bromoform	10.0	10.7	107	1.51	20	70 - 130
Bromomethane	10.0	6.73	67.3	20.1 *	20	40 - 158
Carbon disulfide	10.0	9.85	98.5	1.33	20	40 - 138
Carbon tetrachloride	10.0	10.1	101	0.494	20	71 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10.0	10.2	102	1.78	20	81 - 117
Chloroethane	10.0	10.1	101	0.295	20	51 - 145
Chloroform	10.0	10.2	102	0.888	20	80 - 124
Chloromethane	10.0	7.29	72.9	5.93	20	40 - 160
cis-1,2-Dichloroethylene	10.0	10.5	105	1.15	20	76 - 125
cis-1,3-Dichloropropylene	10.0	10.6	106	2.77	20	70 - 130
Cyclohexane	10.0	10.2	102	3.29	20	70 - 130
Dibromochloromethane	10.0	10.5	105	2.71	20	71 - 129
Dibromomethane	10.0	10.6	106	1.52	30	76 - 120
Dichlorodifluoromethane	10.0	4.68	46.8	6.41	20	40 - 147
Ethyl Benzene	10.0	10.5	105	1.44	20	72 - 128
Hexachlorobutadiene	10.0	8.61	86.1	4.76	30	34 - 166
Isopropylbenzene	10.0	10.6	106	0.0946	20	70 - 130
Methyl acetate	10.0	18.5	185 *	0.00	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.7	117	1.90	20	75 - 128
Methylcyclohexane	10.0	9.27	92.7	4.43	20	70 - 130
Methylene chloride	10.0	10.2	102	0.293	20	70 - 128
n-Butylbenzene	10.0	10.0	100	2.01	30	61 - 138
n-Propylbenzene	10.0	10.4	104	0.192	30	66 - 134
o-Xylene	10.0	11.0	110	1.56	20	70 - 126
p- & m- Xylenes	20.0	21.2	106	1.62	20	70 - 130
p-Isopropyltoluene	10.0	10.2	102	2.29	30	64 - 137
sec-Butylbenzene	10.0	10.4	104	0.966	30	53 - 155
Styrene	10.0	10.4	104	1.75	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	55.3	111	0.0724	30	10 - 130
tert-Butylbenzene	10.0	10.5	105	0.766	30	65 - 139
Tetrachloroethylene	10.0	6.43	64.3 *	2.20	20	70 - 130
Toluene	10.0	10.4	104	1.16	20	76 - 123
trans-1,2-Dichloroethylene	10.0	10.9	109	0.735	20	79 - 130
trans-1,3-Dichloropropylene	10.0	10.6	106	1.90	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	10.4	104	0.481	30	25 - 155
Trichloroethylene	10.0	9.60	96.0	1.79	20	70 - 130
Trichlorofluoromethane	10.0	9.31	93.1	1.49	20	61 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	8.97	89.7	1.91	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	10.0	100	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4	104	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.82	98.2	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	82 - 123
1,1-Dichloroethane	10.0	9.97	99.7	82 - 129
1,1-Dichloroethylene	10.0	10.4	104	70 - 130
1,2,3-Trichlorobenzene	10.0	10.9	109	76 - 130
1,2,3-Trichloropropane	10.0	10.5	105	77 - 128
1,2,4-Trichlorobenzene	10.0	10.2	102	76 - 130
1,2,4-Trimethylbenzene	10.0	9.90	99.0	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.6	116	45 - 147
1,2-Dibromoethane	10.0	11.1	111	83 - 124
1,2-Dichlorobenzene	10.0	9.89	98.9	79 - 123
1,2-Dichloroethane	10.0	10.1	101	73 - 130
1,2-Dichloropropane	10.0	10.0	100	78 - 126
1,3,5-Trimethylbenzene	10.0	9.70	97.0	80 - 131
1,3-Dichlorobenzene	10.0	9.60	96.0	86 - 122
1,4-Dichlorobenzene	10.0	9.64	96.4	85 - 124
2-Butanone	10.0	10.7	107	49 - 152
2-Hexanone	10.0	11.0	110	51 - 146
4-Methyl-2-pentanone	10.0	11.1	111	57 - 145
Acetone	10.0	10.9	109	40 - 150
Acrolein	10.0	13.6	136	10 - 153
Acrylonitrile	10.0	12.8	128	51 - 150
Benzene	10.0	10.4	104	85 - 126
Bromochloromethane	10.0	10.5	105	77 - 128
Bromodichloromethane	10.0	9.89	98.9	79 - 128
Bromoform	10.0	11.5	115	78 - 130
Bromomethane	10.0	7.51	75.1	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	10.2	102	68 - 146
Carbon tetrachloride	10.0	9.77	97.7	77 - 130
Chlorobenzene	10.0	10.1	101	88 - 120
Chloroethane	10.0	10.4	104	65 - 136
Chloroform	10.0	10.0	100	82 - 128
Chloromethane	10.0	7.49	74.9	43 - 155
cis-1,2-Dichloroethylene	10.0	10.1	101	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103	80 - 130
Cyclohexane	10.0	9.87	98.7	70 - 130
Dibromochloromethane	10.0	10.7	107	80 - 130
Dibromomethane	10.0	10.3	103	72 - 134
Dichlorodifluoromethane	10.0	5.15	51.5	44 - 144
Ethyl Benzene	10.0	10.2	102	80 - 130
Hexachlorobutadiene	10.0	8.05	80.5	67 - 146
Isopropylbenzene	10.0	9.65	96.5	76 - 130
Methyl acetate	10.0	18.2	182 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.1	121	76 - 130
Methylcyclohexane	10.0	9.38	93.8	72 - 130
Methylene chloride	10.0	10.1	101	70 - 130
n-Butylbenzene	10.0	9.18	91.8	79 - 132
n-Propylbenzene	10.0	9.44	94.4	78 - 133
o-Xylene	10.0	10.6	106	78 - 130
p- & m- Xylenes	20.0	20.5	103	77 - 130
p-Isopropyltoluene	10.0	9.54	95.4	81 - 136
sec-Butylbenzene	10.0	9.51	95.1	79 - 137
Styrene	10.0	10.2	102	70 - 130
tert-Butyl alcohol (TBA)	50.0	56.9	114	25 - 162
tert-Butylbenzene	10.0	9.71	97.1	77 - 138
Tetrachloroethylene	10.0	6.59	65.9 *	82 - 130
Toluene	10.0	10.0	100	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.9	109	80 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.79	97.9	63 - 141
Trichloroethylene	10.0	9.23	92.3	82 - 128
Trichlorofluoromethane	10.0	9.35	93.5	67 - 139
Vinyl Chloride	10.0	8.81	88.1	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.0983	30	82 - 126
1,1,1-Trichloroethane	10.0	10.3	103	2.17	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	3.76	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroetha ne (Freon 113)	10.0	10.2	102	4.19	20	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	1.97	20	82 - 123
1,1-Dichloroethane	10.0	10.3	103	3.64	20	82 - 129
1,1-Dichloroethylene	10.0	10.8	108	4.44	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.1	111	1.54	20	76 - 130
1,2,3-Trichloropropane	10.0	10.5	105	0.191	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.7	107	4.21	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	4.25	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.5	115	0.694	20	45 - 147
1,2-Dibromoethane	10.0	10.8	108	2.47	20	83 - 124
1,2-Dichlorobenzene	10.0	10.1	101	2.20	20	79 - 123
1,2-Dichloroethane	10.0	10.1	101	0.494	20	73 - 130
1,2-Dichloropropane	10.0	10.3	103	2.95	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.1	101	4.04	30	80 - 131
1,3-Dichlorobenzene	10.0	9.92	99.2	3.28	20	86 - 122
1,4-Dichlorobenzene	10.0	10.1	101	4.36	20	85 - 124
2-Butanone	10.0	10.1	101	5.38	20	49 - 152
2-Hexanone	10.0	10.7	107	2.96	20	51 - 146
4-Methyl-2-pentanone	10.0	10.9	109	2.28	20	57 - 145
Acetone	10.0	9.89	98.9	9.81	20	40 - 150
Acrolein	10.0	12.5	125	8.14	30	10 - 153
Acrylonitrile	10.0	12.1	121	5.71	30	51 - 150
Benzene	10.0	10.5	105	1.63	20	85 - 126
Bromochloromethane	10.0	10.6	106	1.42	20	77 - 128
Bromodichloromethane	10.0	10.0	100	1.31	20	79 - 128
Bromoform	10.0	11.1	111	3.46	20	78 - 130
Bromomethane	10.0	8.53	85.3	12.7	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	10.6	106		3.96	20	68 - 146
Carbon tetrachloride	10.0	10.1	101		2.92	20	77 - 130
Chlorobenzene	10.0	10.2	102		0.884	20	88 - 120
Chloroethane	10.0	10.9	109		4.32	20	65 - 136
Chloroform	10.0	10.1	101		0.696	20	82 - 128
Chloromethane	10.0	7.75	77.5		3.41	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.5	105		3.30	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.5	105		1.83	20	80 - 130
Cyclohexane	10.0	10.2	102		3.48	20	70 - 130
Dibromochloromethane	10.0	10.5	105		1.80	20	80 - 130
Dibromomethane	10.0	10.2	102		0.681	30	72 - 134
Dichlorodifluoromethane	10.0	5.18	51.8		0.581	20	44 - 144
Ethyl Benzene	10.0	10.4	104		1.75	20	80 - 130
Hexachlorobutadiene	10.0	8.03	80.3		0.249	30	67 - 146
Isopropylbenzene	10.0	10.2	102		5.35	20	76 - 130
Methyl acetate	10.0	18.8	188	*	3.19	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.7	117		3.36	20	76 - 130
Methylcyclohexane	10.0	9.71	97.1		3.46	20	72 - 130
Methylene chloride	10.0	10.2	102		1.48	20	70 - 130
n-Butylbenzene	10.0	9.44	94.4		2.79	30	79 - 132
n-Propylbenzene	10.0	9.93	99.3		5.06	30	78 - 133
o-Xylene	10.0	10.8	108		1.12	20	78 - 130
p- & m- Xylenes	20.0	20.9	104		1.55	20	77 - 130
p-Isopropyltoluene	10.0	9.80	98.0		2.69	30	81 - 136
sec-Butylbenzene	10.0	9.83	98.3		3.31	30	79 - 137
Styrene	10.0	10.3	103		0.779	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	54.0	108		5.10	30	25 - 162
tert-Butylbenzene	10.0	9.98	99.8		2.74	30	77 - 138
Tetrachloroethylene	10.0	6.67	66.7	*	1.21	20	82 - 130
Toluene	10.0	10.3	103		2.65	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	11.2	112	2.72	20	80 - 130
trans-1,3-Dichloropropylene	10.0	10.6	106	2.01	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.79	97.9	0.00	30	63 - 141
Trichloroethylene	10.0	9.63	96.3	4.24	20	82 - 128
Trichlorofluoromethane	10.0	9.67	96.7	3.36	20	67 - 139
Vinyl Chloride	10.0	9.03	90.3	2.47	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Batch: BH52261 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-10 (20252708)	25H1840-01	V10C14889.D	08/30/25 09:00	
MW-11R (20252708)	25H1840-02	V10C14890.D	08/30/25 09:00	
MW-13R (20252708)	25H1840-03	V10C14891.D	08/30/25 09:00	
MW-14 (20252708)	25H1840-04	V10C14892.D	08/30/25 09:00	
EB (20252708)	25H1840-05	V10C14893.D	08/30/25 09:00	
TB (20252708)	25H1840-06	V10C14884.D	08/30/25 09:00	
MW-15 (20252708)	25H1840-07	V10C14894.D	08/30/25 09:00	
Blank	BH52261-BLK1	V10C14882.D	08/30/25 09:23	
LCS	BH52261-BS1	V10C14879.D	08/30/25 09:23	
LCS Dup	BH52261-BSD1	V10C14880.D	08/30/25 09:23	
MW-14 (20252708)	BH52261-MS1	V10C14899.D	08/30/25 09:23	25H1840-04 B
MW-14 (20252708)	BH52261-MSD1	V10C14900.D	08/30/25 09:23	25H1840-04 C

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.77	97.7	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	262942	11.985	273033	11.991	
ISTD: Chlorobenzene-d5	154219	8.992	149210	8.992	
ISTD: Fluorobenzene	112694	5.956	107041	5.962	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Lab File ID:	V10C14728.D	Injection Date:	08/27/25
Instrument ID:	VOA No. 10	Injection Time:	15:56
Sequence:	S5H2801	Lab Sample ID:	S5H2801-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.8	PASS
75	30 - 60% of 95	49.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.59	PASS
173	Less than 2% of 174	0.314	PASS
174	50 - 100% of 95	82.4	PASS
175	5 - 9% of 174	6.86	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 10% of 176	6.25	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Lab File ID:	V10C14877.D	Injection Date:	08/30/25
Instrument ID:	VOA No. 10	Injection Time:	21:32
Sequence:	S5I0205	Lab Sample ID:	S5I0205-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.3	PASS
75	30 - 60% of 95	42.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.88	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	83.2	PASS
175	5 - 9% of 174	7.12	PASS
176	95 - 101% of 174	96.9	PASS
177	5 - 10% of 176	8.23	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Sequence:	S5H2801	Instrument:	VOA No. 10
		Calibration:	SH50062

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5H2801-TUN1	V10C14728.D	08/27/25 15:56
Cal Standard	S5H2801-CAL1	V10C14729.D	08/27/25 16:24
Cal Standard	S5H2801-CAL2	V10C14730.D	08/27/25 16:53
Cal Standard	S5H2801-CAL3	V10C14731.D	08/27/25 17:21
Cal Standard	S5H2801-CAL4	V10C14732.D	08/27/25 17:50
Cal Standard	S5H2801-CAL5	V10C14733.D	08/27/25 18:18
Cal Standard	S5H2801-CAL6	V10C14734.D	08/27/25 18:47
Cal Standard	S5H2801-CAL7	V10C14735.D	08/27/25 19:15
Cal Standard	S5H2801-CAL8	V10C14736.D	08/27/25 19:44
Cal Standard	S5H2801-CAL9	V10C14737.D	08/27/25 20:12
Cal Standard	S5H2801-CALA	V10C14738.D	08/27/25 20:41
Secondary Cal Check	S5H2801-SCV1	V10C14740.D	08/27/25 21:38

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I0205-TUN1	V10C14877.D	08/30/25 21:32
Calibration Check	S5I0205-CCV1	V10C14878.D	08/30/25 22:00
LCS	BH52261-BS1	V10C14879.D	08/30/25 22:29
LCS Dup	BH52261-BSD1	V10C14880.D	08/30/25 22:57
Blank	BH52261-BLK1	V10C14882.D	08/30/25 23:54
TB (20252708)	25H1840-06	V10C14884.D	08/31/25 00:52
MW-10 (20252708)	25H1840-01	V10C14889.D	08/31/25 03:14
MW-11R (20252708)	25H1840-02	V10C14890.D	08/31/25 03:43
MW-13R (20252708)	25H1840-03	V10C14891.D	08/31/25 04:11
MW-14 (20252708)	25H1840-04	V10C14892.D	08/31/25 04:40
EB (20252708)	25H1840-05	V10C14893.D	08/31/25 05:09
MW-15 (20252708)	25H1840-07	V10C14894.D	08/31/25 05:37
MW-14 (20252708)	BH52261-MS1	V10C14899.D	08/31/25 08:00
MW-14 (20252708)	BH52261-MSD1	V10C14900.D	08/31/25 08:29

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5H2801 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5H2801-CAL1)			Lab File ID: V10C14729.D			Analyzed: 08/27/25 16:24			
ISTD: Fluorobenzene	91676	5.961	105813	5.955	87	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	124940	8.991	142496	8.997	88	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216322	11.985	224800	11.985	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL2)			Lab File ID: V10C14730.D			Analyzed: 08/27/25 16:53			
ISTD: Fluorobenzene	89551	5.955	105813	5.955	85	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	123708	8.991	142496	8.997	87	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	218208	11.991	224800	11.985	97	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL3)			Lab File ID: V10C14731.D			Analyzed: 08/27/25 17:21			
ISTD: Fluorobenzene	90361	5.961	105813	5.955	85	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	122199	8.991	142496	8.997	86	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	211341	11.991	224800	11.985	94	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL4)			Lab File ID: V10C14732.D			Analyzed: 08/27/25 17:50			
ISTD: Fluorobenzene	89114	5.961	105813	5.955	84	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	124840	8.991	142496	8.997	88	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216719	11.985	224800	11.985	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL5)			Lab File ID: V10C14733.D			Analyzed: 08/27/25 18:18			
ISTD: Fluorobenzene	95370	5.956	105813	5.955	90	50 - 200	0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	132609	8.992	142496	8.997	93	50 - 200	-0.0050	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	224126	11.991	224800	11.985	100	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL6)			Lab File ID: V10C14734.D			Analyzed: 08/27/25 18:47			
ISTD: Fluorobenzene	95817	5.961	105813	5.955	91	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	138959	8.991	142496	8.997	98	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	226196	11.985	224800	11.985	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL7)			Lab File ID: V10C14735.D			Analyzed: 08/27/25 19:15			
ISTD: Fluorobenzene	105813	5.955	105813	5.955	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	142496	8.997	142496	8.997	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	224800	11.985	224800	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL8)			Lab File ID: V10C14736.D			Analyzed: 08/27/25 19:44			
ISTD: Fluorobenzene	94782	5.961	105813	5.955	90	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	130344	8.991	142496	8.997	91	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	235115	11.985	224800	11.985	105	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL9)			Lab File ID: V10C14737.D			Analyzed: 08/27/25 20:12			
ISTD: Fluorobenzene	103150	5.961	105813	5.955	97	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	153995	8.991	142496	8.997	108	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	238322	11.991	224800	11.985	106	50 - 200	0.0060	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5H2801 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5H2801-CALA)			Lab File ID: V10C14738.D			Analyzed: 08/27/25 20:41			
ISTD: Fluorobenzene	103580	5.961	105813	5.955	98	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	140420	8.991	142496	8.997	99	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	251722	11.991	224800	11.985	112	50 - 200	0.0060	+/-0.50	
Secondary Cal Check (S5H2801-SCV1)			Lab File ID: V10C14740.D			Analyzed: 08/27/25 21:38			
ISTD: Fluorobenzene	105894	5.961	105813	5.955	100	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	144447	8.991	142496	8.997	101	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	251242	11.985	224800	11.985	112	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5I0205-CCV1)			Lab File ID: V10C14878.D			Analyzed: 08/30/25 22:00			
ISTD: Fluorobenzene	107041	5.962				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	149210	8.992				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	273033	11.991				50 - 200		+/-0.50	
LCS (BH52261-BS1)			Lab File ID: V10C14879.D			Analyzed: 08/30/25 22:29			
ISTD: Fluorobenzene	108439	5.962	107041	5.962	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155232	8.998	149210	8.992	104	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	280140	11.991	273033	11.991	103	50 - 200	0.0000	+/-0.50	
LCS Dup (BH52261-BSD1)			Lab File ID: V10C14880.D			Analyzed: 08/30/25 22:57			
ISTD: Fluorobenzene	111993	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	158073	8.991	149210	8.992	106	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	270273	11.985	273033	11.991	99	50 - 200	-0.0060	+/-0.50	
Blank (BH52261-BLK1)			Lab File ID: V10C14882.D			Analyzed: 08/30/25 23:54			
ISTD: Fluorobenzene	112694	5.956	107041	5.962	105	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	154219	8.992	149210	8.992	103	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	262942	11.985	273033	11.991	96	50 - 200	-0.0060	+/-0.50	
TB (20252708) (25H1840-06)			Lab File ID: V10C14884.D			Analyzed: 08/31/25 00:52			
ISTD: Fluorobenzene	115216	5.955	107041	5.962	108	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	157022	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	269508	11.991	273033	11.991	99	50 - 200	0.0000	+/-0.50	
MW-10 (20252708) (25H1840-01)			Lab File ID: V10C14889.D			Analyzed: 08/31/25 03:14			
ISTD: Fluorobenzene	112345	5.962	107041	5.962	105	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	157005	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	266793	11.991	273033	11.991	98	50 - 200	0.0000	+/-0.50	
MW-11R (20252708) (25H1840-02)			Lab File ID: V10C14890.D			Analyzed: 08/31/25 03:43			
ISTD: Fluorobenzene	112586	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	156288	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	264265	11.991	273033	11.991	97	50 - 200	0.0000	+/-0.50	
MW-13R (20252708) (25H1840-03)			Lab File ID: V10C14891.D			Analyzed: 08/31/25 04:11			
ISTD: Fluorobenzene	112116	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	151468	8.991	149210	8.992	102	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	252644	11.991	273033	11.991	93	50 - 200	0.0000	+/-0.50	
MW-14 (20252708) (25H1840-04)			Lab File ID: V10C14892.D			Analyzed: 08/31/25 04:40			
ISTD: Fluorobenzene	112498	5.955	107041	5.962	105	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	155570	8.991	149210	8.992	104	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	259772	11.991	273033	11.991	95	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5I0205
SDG: 25H1840
Project: 23005 - 170 Freeman St Brooklyn
Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
EB (20252708) (25H1840-05)			Lab File ID: V10C14893.D			Analyzed: 08/31/25 05:09			
ISTD: Fluorobenzene	111219	5.955	107041	5.962	104	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	153783	8.991	149210	8.992	103	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	256054	11.985	273033	11.991	94	50 - 200	-0.0060	+/-0.50	
MW-15 (20252708) (25H1840-07)			Lab File ID: V10C14894.D			Analyzed: 08/31/25 05:37			
ISTD: Fluorobenzene	109658	5.962	107041	5.962	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	146219	8.992	149210	8.992	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	220966	11.991	273033	11.991	81	50 - 200	0.0000	+/-0.50	
Matrix Spike (BH52261-MS1)			Lab File ID: V10C14899.D			Analyzed: 08/31/25 08:00			
ISTD: Fluorobenzene	115688	5.956	107041	5.962	108	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	160185	8.992	149210	8.992	107	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	262967	11.991	273033	11.991	96	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (BH52261-MSD1)			Lab File ID: V10C14900.D			Analyzed: 08/31/25 08:29			
ISTD: Fluorobenzene	119054	5.961	107041	5.962	111	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	163852	8.991	149210	8.992	110	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	272705	11.985	273033	11.991	100	50 - 200	-0.0060	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-10 (20252708)	08/27/25 11:35	08/27/25 21:55	08/30/25 09:00	2.89	14.00	08/31/25 03:14	3.65	14.00	
MW-11R (20252708)	08/27/25 10:30	08/27/25 21:55	08/30/25 09:00	2.94	14.00	08/31/25 03:43	3.72	14.00	
MW-13R (20252708)	08/27/25 10:10	08/27/25 21:55	08/30/25 09:00	2.95	14.00	08/31/25 04:11	3.75	14.00	
MW-14 (20252708)	08/27/25 09:25	08/27/25 21:55	08/30/25 09:00	2.98	14.00	08/31/25 04:40	3.80	14.00	
EB (20252708)	08/27/25 11:00	08/27/25 21:55	08/30/25 09:00	2.92	14.00	08/31/25 05:09	3.76	14.00	
TB (20252708)	08/27/25 00:00	08/27/25 21:55	08/30/25 09:00	3.38	14.00	08/31/25 00:52	4.04	14.00	
MW-15 (20252708)	08/27/25 12:40	08/27/25 21:55	08/30/25 09:00	2.85	14.00	08/31/25 05:37	3.71	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

APPENDIX B

YORK LABORATORY TECHNICAL REPORT

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Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 10/10/2025
Client Project ID: 23005 - 170 Freeman St Brooklyn
York Project (SDG) No.: 25H1840

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/10/2025
Client Project ID: 23005 - 170 Freeman St Brooklyn
York Project (SDG) No.: 25H1840

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 27, 2025 and listed below. The project was identified as your project: **23005 - 170 Freeman St Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H1840-01	MW-10 (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-02	MW-11R (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-03	MW-13R (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-04	MW-14 (20252708)	Ground Water	08/27/2025	08/27/2025
25H1840-05	EB (20252708)	Water	08/27/2025	08/27/2025
25H1840-06	TB (20252708)	Water	08/27/2025	08/27/2025
25H1840-07	MW-15 (20252708)	Ground Water	08/27/2025	08/27/2025

General Notes for York Project (SDG) No.: 25H1840

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 10/10/2025

Sample Information

Client Sample ID: MW-10 (20252708)

York Sample ID: 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			

Sample Information

Client Sample ID: MW-10 (20252708) **York Sample ID:** 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.15**		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	**Chloroform**	**15.0**		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-10 (20252708)

York Sample ID: 25H1840-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 11:35 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**0.470**	J	ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:14	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: **MW-11R (20252708)** **York Sample ID:** **25H1840-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-11R (20252708) **York Sample ID:** 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	**cis-1,2-Dichloroethylene**	**7.77**		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-11R (20252708)

York Sample ID: 25H1840-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:30 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 03:43	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: **MW-13R (20252708)** **York Sample ID:** **25H1840-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-13R (20252708)

York Sample ID: 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-13R (20252708)

York Sample ID: 25H1840-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 10:10 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-14 (20252708)

York Sample ID: 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-14 (20252708) **York Sample ID:** 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-14 (20252708) **York Sample ID:** 25H1840-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 9:25 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 04:40	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	**Chloroform**	**4.86**		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: EB (20252708) **York Sample ID:** 25H1840-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 11:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:09	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: TB (20252708)

York Sample ID: 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	**Acetone**	**1.44**	J	ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: TB (20252708) **York Sample ID:** 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: TB (20252708)

York Sample ID: 25H1840-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Water	August 27, 2025 12:00 am	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**1.33**	J	ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 00:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: MW-15 (20252708)

York Sample ID: 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-15 (20252708)

York Sample ID: 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.500	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW-15 (20252708) **York Sample ID:** 25H1840-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1840	23005 - 170 Freeman St Brooklyn	Ground Water	August 27, 2025 12:40 pm	08/27/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	08/30/2025 09:00	08/31/2025 05:37	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25H1840

Client : Hydro Tech Environmental

Client Project ID : 23005 - 170 Freeman St Brooklyn

Prepared for : Paul Matli

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 08/27/2025 9:55 PM

7 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{2.6}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-10 (20252708)	25H1840-01	Water	08/27/2025 11:35 AM	08/27/2025 9:55 PM
MW-11R (20252708)	25H1840-02	Water	08/27/2025 10:30 AM	08/27/2025 9:55 PM
MW-13R (20252708)	25H1840-03	Water	08/27/2025 10:10 AM	08/27/2025 9:55 PM
MW-14 (20252708)	25H1840-04	Water	08/27/2025 9:25 AM	08/27/2025 9:55 PM
EB (20252708)	25H1840-05	Water	08/27/2025 11:00 AM	08/27/2025 9:55 PM
TB (20252708)	25H1840-06	Water	08/27/2025 12:00 AM	08/27/2025 9:55 PM
MW-15 (20252708)	25H1840-07	Water	08/27/2025 12:40 PM	08/27/2025 9:55 PM

WorkOrder Comments

York Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5030B	EPA 8260D

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-10 (20252708)	EPA 8260D	25H1840-01	Water	Acrolein	CCVE
MW-10 (20252708)	EPA 8260D	25H1840-01	Water	Bromomethane	CCVE
MW-10 (20252708)	EPA 8260D	25H1840-01	Water	Hexachlorobutadiene	CCVE
MW-10 (20252708)	EPA 8260D	25H1840-01	Water	Methylene chloride	J
MW-10 (20252708)	EPA 8260D	25H1840-01	Water	Tetrachloroethylene	QL-02
MW-11R (20252708)	EPA 8260D	25H1840-02	Water	Acrolein	CCVE
MW-11R (20252708)	EPA 8260D	25H1840-02	Water	Bromomethane	CCVE
MW-11R (20252708)	EPA 8260D	25H1840-02	Water	Hexachlorobutadiene	CCVE
MW-11R (20252708)	EPA 8260D	25H1840-02	Water	Tetrachloroethylene	QL-02
MW-13R (20252708)	EPA 8260D	25H1840-03	Water	Acrolein	CCVE
MW-13R (20252708)	EPA 8260D	25H1840-03	Water	Bromomethane	CCVE
MW-13R (20252708)	EPA 8260D	25H1840-03	Water	Hexachlorobutadiene	CCVE
MW-13R (20252708)	EPA 8260D	25H1840-03	Water	Tetrachloroethylene	QL-02
MW-14 (20252708)	EPA 8260D	25H1840-04	Water	Acrolein	CCVE
MW-14 (20252708)	EPA 8260D	25H1840-04	Water	Bromomethane	CCVE
MW-14 (20252708)	EPA 8260D	25H1840-04	Water	Hexachlorobutadiene	CCVE
MW-14 (20252708)	EPA 8260D	25H1840-04	Water	Tetrachloroethylene	QL-02
EB (20252708)	EPA 8260D	25H1840-05	Water	Acrolein	CCVE
EB (20252708)	EPA 8260D	25H1840-05	Water	Bromomethane	CCVE
EB (20252708)	EPA 8260D	25H1840-05	Water	Hexachlorobutadiene	CCVE
EB (20252708)	EPA 8260D	25H1840-05	Water	Tetrachloroethylene	QL-02
TB (20252708)	EPA 8260D	25H1840-06	Water	Acetone	J
TB (20252708)	EPA 8260D	25H1840-06	Water	Acrolein	CCVE
TB (20252708)	EPA 8260D	25H1840-06	Water	Bromomethane	CCVE
TB (20252708)	EPA 8260D	25H1840-06	Water	Hexachlorobutadiene	CCVE
TB (20252708)	EPA 8260D	25H1840-06	Water	Methylene chloride	J
TB (20252708)	EPA 8260D	25H1840-06	Water	Tetrachloroethylene	QL-02
MW-15 (20252708)	EPA 8260D	25H1840-07	Water	Acrolein	CCVE
MW-15 (20252708)	EPA 8260D	25H1840-07	Water	Bromomethane	CCVE
MW-15 (20252708)	EPA 8260D	25H1840-07	Water	Hexachlorobutadiene	CCVE
MW-15 (20252708)	EPA 8260D	25H1840-07	Water	Tetrachloroethylene	QL-02
	EPA 8260D	S5H2801-SCV1	Water	Dichlorodifluoromethane	ICVE
	EPA 8260D	S5H2801-SCV1	Water	Methyl acetate	ICVE
	EPA 8260D	S5H2801-SCV1	Water	Tetrachloroethylene	ICVE

Qualifier Definitions :	
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SH50062

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SH50062	S5H2801	S5H2801	Secondary Cal Check	S5H2801-SCV1	VOA No. 10	V10C14740.D
SH50062	S5I0205	S5I0205	Calibration Check	S5I0205-CCV1	VOA No. 10	V10C14878.D
SH50062	BH52261	S5I0205	LCS	BH52261-BS1	VOA No. 10	V10C14879.D
SH50062	BH52261	S5I0205	LCS Dup	BH52261-BSD1	VOA No. 10	V10C14880.D
SH50062	BH52261	S5I0205	Blank	BH52261-BLK1	VOA No. 10	V10C14882.D
SH50062	BH52261	S5I0205	TB (20252708)	25H1840-06	VOA No. 10	V10C14884.D
SH50062	BH52261	S5I0205	MW-10 (20252708)	25H1840-01	VOA No. 10	V10C14889.D
SH50062	BH52261	S5I0205	MW-11R (20252708)	25H1840-02	VOA No. 10	V10C14890.D
SH50062	BH52261	S5I0205	MW-13R (20252708)	25H1840-03	VOA No. 10	V10C14891.D
SH50062	BH52261	S5I0205	MW-14 (20252708)	25H1840-04	VOA No. 10	V10C14892.D
SH50062	BH52261	S5I0205	EB (20252708)	25H1840-05	VOA No. 10	V10C14893.D
SH50062	BH52261	S5I0205	MW-15 (20252708)	25H1840-07	VOA No. 10	V10C14894.D
SH50062	BH52261	S5I0205	MW-14 (20252708)MS1	BH52261-MS1	VOA No. 10	V10C14899.D
SH50062	BH52261	S5I0205	MW-14 (20252708)MSD1	BH52261-MSD1	VOA No. 10	V10C14900.D

4.0 Analysis Issues

Initial calibration for ***EPA 8260D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SH50062	VOA No. 10	8/28/2025 2:13:30 PM	V10C14728.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2-Dibromo-3-chloropropane	**15.57**	20	**0.0446**	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5H2801-SCV1		V10C14740.D
Calibration Check	S5I0205-CCV1		V10C14878.D
LCS	BH52261-BS1		V10C14879.D
LCS Dup	BH52261-BSD1		V10C14880.D
Blank	BH52261-BLK1		V10C14882.D
TB (20252708)	25H1840-06		V10C14884.D
MW-10 (20252708)	25H1840-01		V10C14889.D
MW-11R (20252708)	25H1840-02		V10C14890.D
MW-13R (20252708)	25H1840-03		V10C14891.D
MW-14 (20252708)	25H1840-04		V10C14892.D
EB (20252708)	25H1840-05		V10C14893.D
MW-15 (20252708)	25H1840-07		V10C14894.D
Matrix Spike	BH52261-MS1	MW-14 (20252708)	V10C14899.D
Matrix Spike Dup	BH52261-MSD1	MW-14 (20252708)	V10C14900.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SH50062	S5H2801-SCV1	Dichlorodifluoromethane	10.0	6.46	**64.6**	70 - 130
SH50062	S5H2801-SCV1	Methyl acetate	10.0	15.6	**156**	70 - 130
SH50062	S5H2801-SCV1	Tetrachloroethylene	10.0	6.89	**68.9**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5I0205-CCV1	Calibration Check	V10C14878.D
BH52261-BS1	LCS	V10C14879.D
BH52261-BSD1	LCS Dup	V10C14880.D
BH52261-BLK1	Blank	V10C14882.D
25H1840-06	TB (20252708)	V10C14884.D
25H1840-01	MW-10 (20252708)	V10C14889.D
25H1840-02	MW-11R (20252708)	V10C14890.D
25H1840-03	MW-13R (20252708)	V10C14891.D
25H1840-04	MW-14 (20252708)	V10C14892.D
25H1840-05	EB (20252708)	V10C14893.D
25H1840-07	MW-15 (20252708)	V10C14894.D
BH52261-MS1	Matrix Spike	V10C14899.D
BH52261-MSD1	Matrix Spike Dup	V10C14900.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SH50062	S5I0205	S5I0205-CCV1	V10C14878.D	08/30/25 22:00

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SH50062	S5I0205-CCV1	1,2-Dibromo-3-chloropropane	ug/L	12.2	10.0	**122**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Acetone	ug/L	13.4	10.0	**134**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Acrolein	ug/L	24.2	40.0	**60.6**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Bromomethane	ug/L	7.41	10.0	**74.1**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Hexachlorobutadiene	ug/L	7.36	10.0	**73.6**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Methyl tert-butyl ether (MTBE)	ug/L	12.2	10.0	**122**	80 120	V10C14878.D
SH50062	S5I0205-CCV1	Tetrachloroethylene	ug/L	12.8	10.0	**128**	80 120	V10C14878.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SH50062	S5I0205	BH52261-BS1	LCS		V10C14879.D
SH50062	S5I0205	BH52261-BSD1	LCS Dup		V10C14880.D
SH50062	S5I0205	BH52261-BLK1	Blank		V10C14882.D
SH50062	S5I0205	25H1840-06	TB (20252708)		V10C14884.D
SH50062	S5I0205	25H1840-01	MW-10 (20252708)		V10C14889.D
SH50062	S5I0205	25H1840-02	MW-11R (20252708)		V10C14890.D
SH50062	S5I0205	25H1840-03	MW-13R (20252708)		V10C14891.D
SH50062	S5I0205	25H1840-04	MW-14 (20252708)		V10C14892.D
SH50062	S5I0205	25H1840-05	EB (20252708)		V10C14893.D

SH50062	S5I0205	25H1840-07	MW-15 (20252708)		V10C14894.D
SH50062	S5I0205	BH52261-MS1	Matrix Spike	MW-14 (2025270	V10C14899.D
SH50062	S5I0205	BH52261-MSD1	Matrix Spike Dup	MW-14 (2025270	V10C14900.D

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BH52261	S5I0205	VOA No. 10	BH52261-BLK1	V10C14882.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SH50062	5I0205	BH52261-BS1	LCS	V10C14879.D
SH50062	5I0205	BH52261-BSD1	LCS Dup	V10C14880.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5I0205	LCS	BH52261-BS1	Methyl acetate		**182**		70 - 130	
S5I0205	LCS	BH52261-BS1	Tetrachloroethylene		**65.9**		82 - 130	
S5I0205	LCS Dup	BH52261-BSD1	Methyl acetate	182	**188**	3.19	70 - 130	20
S5I0205	LCS Dup	BH52261-BSD1	Tetrachloroethylene	65.9	**66.7**	1.21	82 - 130	20

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BH52261	25H1840-01	MW-10 (20252708)	
BH52261	25H1840-02	MW-11R (20252708)	
BH52261	25H1840-03	MW-13R (20252708)	
BH52261	25H1840-04	MW-14 (20252708)	
BH52261	25H1840-05	EB (20252708)	
BH52261	25H1840-06	TB (20252708)	
BH52261	25H1840-07	MW-15 (20252708)	
BH52261	BH52261-BLK1	Blank	
BH52261	BH52261-MS1	Matrix Spike	MW-14 (20252708)
BH52261	BH52261-MSD1	Matrix Spike Dup	MW-14 (20252708)

York Analytical Work Order Narrative

EPA 8260D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SH50062**	BH52261	S5I0205	MW-14 (20252708)MS1	25H1840-04	MW-14 (20252708)	BH52261-MS1
VOA	**SH50062**	BH52261	S5I0205	MW-14 (20252708)MSD1	25H1840-04	MW-14 (20252708)	BH52261-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5I0205	MW-14 (20252708)	BH52261-MS1	Methyl acetate	ug/L		185		70 - 130	
S5I0205	MW-14 (20252708)	BH52261-MS1	Tetrachloroethylene	ug/L		62.9		70 - 130	
S5I0205	MW-14 (20252708)	BH52261-MSD1	Methyl acetate	ug/L	185	185	0.00	70 - 130	20
S5I0205	MW-14 (20252708)	BH52261-MSD1	Tetrachloroethylene	ug/L	62.9	64.3	2.20	70 - 130	20

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5I0205	MW-14 (20252708)MSD1	25H1840-04	BH52261-MSD1	Bromomethane	20.1	20	

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.45)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BH52261 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25H1840-01	MW-10 (20252708)	08/30/25
25H1840-02	MW-11R (20252708)	08/30/25
25H1840-03	MW-13R (20252708)	08/30/25
25H1840-04	MW-14 (20252708)	08/30/25
25H1840-05	EB (20252708)	08/30/25
25H1840-06	TB (20252708)	08/30/25
25H1840-07	MW-15 (20252708)	08/30/25
BH52261-BLK1	Blank	08/30/25
BH52261-BS1	LCS	08/30/25
BH52261-BSD1	LCS Dup	08/30/25
BH52261-MS1	Matrix Spike	08/30/25
BH52261-MSD1	Matrix Spike Dup	08/30/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Blank (BH52261-BLK1)											
Prepared & Analyzed: 08/30/2025											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Blank (BH52261-BLK1)											Prepared & Analyzed: 08/30/2025
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BH52261-BS1)											Prepared & Analyzed: 08/30/2025
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	9.97		"	10.0		99.7	82-129				
1,1-Dichloroethylene	10.4		"	10.0		104	70-130				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	76-130				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-130				
1,2,4-Trimethylbenzene	9.90		"	10.0		99.0	82-132				
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147				
1,2-Dibromoethane	11.1		"	10.0		111	83-124				
1,2-Dichlorobenzene	9.89		"	10.0		98.9	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-130				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.60		"	10.0		96.0	86-122				
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124				
2-Butanone	10.7		"	10.0		107	49-152				
2-Hexanone	11.0		"	10.0		110	51-146				
4-Methyl-2-pentanone	11.1		"	10.0		111	57-145				
Acetone	10.9		"	10.0		109	40-150				
Acrolein	13.6		"	10.0		136	10-153				
Acrylonitrile	12.8		"	10.0		128	51-150				
Benzene	10.4		"	10.0		104	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.89		"	10.0		98.9	79-128				
Bromoform	11.5		"	10.0		115	78-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
LCS (BH52261-BS1)								Prepared & Analyzed: 08/30/2025			
Bromomethane	7.51		ug/L	10.0		75.1	43-160				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.77		"	10.0		97.7	77-130				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	10.0		"	10.0		100	82-128				
Chloromethane	7.49		"	10.0		74.9	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-130				
Cyclohexane	9.87		"	10.0		98.7	70-130				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	5.15		"	10.0		51.5	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-130				
Hexachlorobutadiene	8.05		"	10.0		80.5	67-146				
Isopropylbenzene	9.65		"	10.0		96.5	76-130				
Methyl acetate	18.2		"	10.0		182	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-130				
Methylcyclohexane	9.38		"	10.0		93.8	72-130				
Methylene chloride	10.1		"	10.0		101	70-130				
n-Butylbenzene	9.18		"	10.0		91.8	79-132				
n-Propylbenzene	9.44		"	10.0		94.4	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	20.5		"	20.0		103	77-130				
p-Isopropyltoluene	9.54		"	10.0		95.4	81-136				
sec-Butylbenzene	9.51		"	10.0		95.1	79-137				
Styrene	10.2		"	10.0		102	70-130				
tert-Butyl alcohol (TBA)	56.9		"	50.0		114	25-162				
tert-Butylbenzene	9.71		"	10.0		97.1	77-138				
Tetrachloroethylene	6.59		"	10.0		65.9	82-130	Low Bias			
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-130				
trans-1,4-dichloro-2-butene	9.79		"	10.0		97.9	63-141				
Trichloroethylene	9.23		"	10.0		92.3	82-128				
Trichlorofluoromethane	9.35		"	10.0		93.5	67-139				
Vinyl Chloride	8.81		"	10.0		88.1	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
LCS Dup (BH52261-BSD1)							Prepared & Analyzed: 08/30/2025				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.0983	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-130		2.17	20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		3.76	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130		4.19	20	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		1.97	20	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		3.64	20	
1,1-Dichloroethylene	10.8		"	10.0		108	70-130		4.44	20	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-130		1.54	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		0.191	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-130		4.21	20	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		4.25	20	
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	45-147		0.694	20	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		2.47	20	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.20	20	
1,2-Dichloroethane	10.1		"	10.0		101	73-130		0.494	20	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		2.95	20	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		4.04	30	
1,3-Dichlorobenzene	9.92		"	10.0		99.2	86-122		3.28	20	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		4.36	20	
2-Butanone	10.1		"	10.0		101	49-152		5.38	20	
2-Hexanone	10.7		"	10.0		107	51-146		2.96	20	
4-Methyl-2-pentanone	10.9		"	10.0		109	57-145		2.28	20	
Acetone	9.89		"	10.0		98.9	40-150		9.81	20	
Acrolein	12.5		"	10.0		125	10-153		8.14	30	
Acrylonitrile	12.1		"	10.0		121	51-150		5.71	30	
Benzene	10.5		"	10.0		105	85-126		1.63	20	
Bromochloromethane	10.6		"	10.0		106	77-128		1.42	20	
Bromodichloromethane	10.0		"	10.0		100	79-128		1.31	20	
Bromoform	11.1		"	10.0		111	78-130		3.46	20	
Bromomethane	8.53		"	10.0		85.3	43-160		12.7	20	
Carbon disulfide	10.6		"	10.0		106	68-146		3.96	20	
Carbon tetrachloride	10.1		"	10.0		101	77-130		2.92	20	
Chlorobenzene	10.2		"	10.0		102	88-120		0.884	20	
Chloroethane	10.9		"	10.0		109	65-136		4.32	20	
Chloroform	10.1		"	10.0		101	82-128		0.696	20	
Chloromethane	7.75		"	10.0		77.5	43-155		3.41	20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129		3.30	20	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-130		1.83	20	
Cyclohexane	10.2		"	10.0		102	70-130		3.48	20	
Dibromochloromethane	10.5		"	10.0		105	80-130		1.80	20	
Dibromomethane	10.2		"	10.0		102	72-134		0.681	30	
Dichlorodifluoromethane	5.18		"	10.0		51.8	44-144		0.581	20	
Ethyl Benzene	10.4		"	10.0		104	80-130		1.75	20	
Hexachlorobutadiene	8.03		"	10.0		80.3	67-146		0.249	30	
Isopropylbenzene	10.2		"	10.0		102	76-130		5.35	20	
Methyl acetate	18.8		"	10.0		188	70-130	High Bias	3.19	20	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	76-130		3.36	20	
Methylcyclohexane	9.71		"	10.0		97.1	72-130		3.46	20	
Methylene chloride	10.2		"	10.0		102	70-130		1.48	20	
n-Butylbenzene	9.44		"	10.0		94.4	79-132		2.79	30	
n-Propylbenzene	9.93		"	10.0		99.3	78-133		5.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
LCS Dup (BH52261-BSD1)								Prepared & Analyzed: 08/30/2025			
o-Xylene	10.8		ug/L	10.0		108	78-130		1.12	20	
p- & m- Xylenes	20.9		"	20.0		104	77-130		1.55	20	
p-Isopropyltoluene	9.80		"	10.0		98.0	81-136		2.69	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		3.31	30	
Styrene	10.3		"	10.0		103	70-130		0.779	20	
tert-Butyl alcohol (TBA)	54.0		"	50.0		108	25-162		5.10	30	
tert-Butylbenzene	9.98		"	10.0		99.8	77-138		2.74	30	
Tetrachloroethylene	6.67		"	10.0		66.7	82-130	Low Bias	1.21	20	
Toluene	10.3		"	10.0		103	80-127		2.65	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-130		2.72	20	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-130		2.01	20	
trans-1,4-dichloro-2-butene	9.79		"	10.0		97.9	63-141		0.00	30	
Trichloroethylene	9.63		"	10.0		96.3	82-128		4.24	20	
Trichlorofluoromethane	9.67		"	10.0		96.7	67-139		3.36	20	
Vinyl Chloride	9.03		"	10.0		90.3	70-130		2.47	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Matrix Spike (BH52261-MS1)	*Source sample: 25H1840-04 (MW-14 (20252708))							Prepared: 08/30/2025 Analyzed: 08/31/2025			
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0	0.00	99.3	45-161				
1,1,1-Trichloroethane	10.3		"	10.0	0.00	103	70-130				
1,1,2,2-Tetrachloroethane	11.5		"	10.0	0.00	115	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53		"	10.0	0.00	95.3	70-130				
1,1,2-Trichloroethane	10.7		"	10.0	0.00	107	70-130				
1,1-Dichloroethane	10.4		"	10.0	0.00	104	70-130				
1,1-Dichloroethylene	10.8		"	10.0	0.00	108	70-130				
1,2,3-Trichlorobenzene	9.07		"	10.0	0.00	90.7	70-130				
1,2,3-Trichloropropane	11.1		"	10.0	0.00	111	74-127				
1,2,4-Trichlorobenzene	9.44		"	10.0	0.00	94.4	70-130				
1,2,4-Trimethylbenzene	10.8		"	10.0	0.00	108	72-129				
1,2-Dibromo-3-chloropropane	11.7		"	10.0	0.00	117	40-151				
1,2-Dibromoethane	10.9		"	10.0	0.00	109	75-125				
1,2-Dichlorobenzene	10.2		"	10.0	0.00	102	70-122				
1,2-Dichloroethane	10.3		"	10.0	0.00	103	70-130				
1,2-Dichloropropane	10.7		"	10.0	0.00	107	77-121				
1,3,5-Trimethylbenzene	10.7		"	10.0	0.00	107	69-126				
1,3-Dichlorobenzene	9.99		"	10.0	0.00	99.9	74-119				
1,4-Dichlorobenzene	9.98		"	10.0	0.00	99.8	70-124				
2-Butanone	10.2		"	10.0	0.00	102	40-160				
2-Hexanone	11.2		"	10.0	0.00	112	53-133				
4-Methyl-2-pentanone	11.4		"	10.0	0.00	114	40-150				
Acetone	10.1		"	10.0	0.540	95.9	40-149				
Acrolein	12.5		"	10.0	0.310	122	10-195				
Acrylonitrile	12.0		"	10.0	0.00	120	37-165				
Benzene	10.4		"	10.0	0.00	104	70-130				
Bromochloromethane	11.3		"	10.0	0.00	113	75-121				
Bromodichloromethane	10.2		"	10.0	0.00	102	70-129				
Bromoform	10.5		"	10.0	0.00	105	70-130				
Bromomethane	5.50		"	10.0	0.00	55.0	40-158				
Carbon disulfide	9.72		"	10.0	0.00	97.2	40-138				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Matrix Spike (BH52261-MS1)	*Source sample: 25H1840-04 (MW-14 (20252708))							Prepared: 08/30/2025 Analyzed: 08/31/2025			
Carbon tetrachloride	10.2		ug/L	10.0	0.00	102	71-130				
Chlorobenzene	10.0		"	10.0	0.00	100	81-117				
Chloroethane	10.2		"	10.0	0.00	102	51-145				
Chloroform	10.1		"	10.0	0.00	101	80-124				
Chloromethane	6.87		"	10.0	0.00	68.7	40-160				
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	76-125				
cis-1,3-Dichloropropylene	10.3		"	10.0	0.00	103	70-130				
Cyclohexane	10.5		"	10.0	0.00	105	70-130				
Dibromochloromethane	10.2		"	10.0	0.00	102	71-129				
Dibromomethane	10.4		"	10.0	0.00	104	76-120				
Dichlorodifluoromethane	4.99		"	10.0	0.00	49.9	40-147				
Ethyl Benzene	10.3		"	10.0	0.00	103	72-128				
Hexachlorobutadiene	8.21		"	10.0	0.00	82.1	34-166				
Isopropylbenzene	10.6		"	10.0	0.00	106	70-130				
Methyl acetate	18.5		"	10.0	0.00	185	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	11.4		"	10.0	0.00	114	75-128				
Methylcyclohexane	9.69		"	10.0	0.00	96.9	70-130				
Methylene chloride	10.3		"	10.0	0.00	103	70-128				
n-Butylbenzene	9.84		"	10.0	0.00	98.4	61-138				
n-Propylbenzene	10.4		"	10.0	0.00	104	66-134				
o-Xylene	10.8		"	10.0	0.00	108	70-126				
p- & m- Xylenes	20.9		"	20.0	0.00	104	70-130				
p-Isopropyltoluene	9.94		"	10.0	0.00	99.4	64-137				
sec-Butylbenzene	10.3		"	10.0	0.00	103	53-155				
Styrene	10.2		"	10.0	0.00	102	70-125				
tert-Butyl alcohol (TBA)	55.3		"	50.0	0.00	111	10-130				
tert-Butylbenzene	10.4		"	10.0	0.00	104	65-139				
Tetrachloroethylene	6.29		"	10.0	0.00	62.9	70-130	Low Bias			
Toluene	10.3		"	10.0	0.00	103	76-123				
trans-1,2-Dichloroethylene	10.8		"	10.0	0.00	108	79-130				
trans-1,3-Dichloropropylene	10.4		"	10.0	0.00	104	70-130				
trans-1,4-dichloro-2-butene	10.4		"	10.0	0.00	104	25-155				
Trichloroethylene	9.43		"	10.0	0.00	94.3	70-130				
Trichlorofluoromethane	9.45		"	10.0	0.00	94.5	61-142				
Vinyl Chloride	8.80		"	10.0	0.00	88.0	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Matrix Spike Dup (BH52261-MSD1)	*Source sample: 25H1840-04 (MW-14 (20252708))								Prepared: 08/30/2025 Analyzed: 08/31/2025		
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	0.00	102	45-161		2.88	30	
1,1,1-Trichloroethane	10.3		"	10.0	0.00	103	70-130		0.486	20	
1,1,2,2-Tetrachloroethane	11.4		"	10.0	0.00	114	74-121		0.524	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.95		"	10.0	0.00	89.5	70-130		6.28	20	
1,1,2-Trichloroethane	10.8		"	10.0	0.00	108	70-130		1.21	20	
1,1-Dichloroethane	10.4		"	10.0	0.00	104	70-130		0.673	20	
1,1-Dichloroethylene	10.7		"	10.0	0.00	107	70-130		0.279	20	
1,2,3-Trichlorobenzene	10.0		"	10.0	0.00	100	70-130		9.85	20	
1,2,3-Trichloropropane	11.0		"	10.0	0.00	110	74-127		1.36	30	
1,2,4-Trichlorobenzene	10.2		"	10.0	0.00	102	70-130		7.93	20	
1,2,4-Trimethylbenzene	10.9		"	10.0	0.00	109	72-129		1.02	20	
1,2-Dibromo-3-chloropropane	11.8		"	10.0	0.00	118	40-151		1.36	20	
1,2-Dibromoethane	10.9		"	10.0	0.00	109	75-125		0.275	20	
1,2-Dichlorobenzene	10.4		"	10.0	0.00	104	70-122		1.75	20	
1,2-Dichloroethane	10.3		"	10.0	0.00	103	70-130		0.485	20	
1,2-Dichloropropane	10.9		"	10.0	0.00	109	77-121		2.22	20	
1,3,5-Trimethylbenzene	10.9		"	10.0	0.00	109	69-126		1.57	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		0.897	20	
1,4-Dichlorobenzene	10.1		"	10.0	0.00	101	70-124		1.39	20	
2-Butanone	10.4		"	10.0	0.00	104	40-160		1.17	20	
2-Hexanone	11.7		"	10.0	0.00	117	53-133		4.02	20	
4-Methyl-2-pentanone	11.9		"	10.0	0.00	119	40-150		3.69	20	
Acetone	10.5		"	10.0	0.540	99.3	40-149		3.30	20	
Acrolein	13.1		"	10.0	0.310	128	10-195		4.68	30	
Acrylonitrile	12.1		"	10.0	0.00	121	37-165		1.08	30	
Benzene	10.5		"	10.0	0.00	105	70-130		0.767	20	
Bromochloromethane	11.3		"	10.0	0.00	113	75-121		0.0882	20	
Bromodichloromethane	10.4		"	10.0	0.00	104	70-129		2.13	20	
Bromoform	10.7		"	10.0	0.00	107	70-130		1.51	20	
Bromomethane	6.73		"	10.0	0.00	67.3	40-158		20.1	20	Non-dir.
Carbon disulfide	9.85		"	10.0	0.00	98.5	40-138		1.33	20	
Carbon tetrachloride	10.1		"	10.0	0.00	101	71-130		0.494	20	
Chlorobenzene	10.2		"	10.0	0.00	102	81-117		1.78	20	
Chloroethane	10.1		"	10.0	0.00	101	51-145		0.295	20	
Chloroform	10.2		"	10.0	0.00	102	80-124		0.888	20	
Chloromethane	7.29		"	10.0	0.00	72.9	40-160		5.93	20	
cis-1,2-Dichloroethylene	10.5		"	10.0	0.00	105	76-125		1.15	20	
cis-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	70-130		2.77	20	
Cyclohexane	10.2		"	10.0	0.00	102	70-130		3.29	20	
Dibromochloromethane	10.5		"	10.0	0.00	105	71-129		2.71	20	
Dibromomethane	10.6		"	10.0	0.00	106	76-120		1.52	30	
Dichlorodifluoromethane	4.68		"	10.0	0.00	46.8	40-147		6.41	20	
Ethyl Benzene	10.5		"	10.0	0.00	105	72-128		1.44	20	
Hexachlorobutadiene	8.61		"	10.0	0.00	86.1	34-166		4.76	30	
Isopropylbenzene	10.6		"	10.0	0.00	106	70-130		0.0946	20	
Methyl acetate	18.5		"	10.0	0.00	185	70-130	High Bias	0.00	20	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0	0.00	117	75-128		1.90	20	
Methylcyclohexane	9.27		"	10.0	0.00	92.7	70-130		4.43	20	
Methylene chloride	10.2		"	10.0	0.00	102	70-128		0.293	20	
n-Butylbenzene	10.0		"	10.0	0.00	100	61-138		2.01	30	
n-Propylbenzene	10.4		"	10.0	0.00	104	66-134		0.192	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

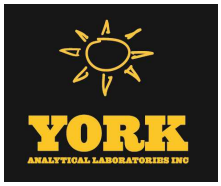
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH52261 - EPA 5030B											
Matrix Spike Dup (BH52261-MSD1)	*Source sample: 25H1840-04 (MW-14 (20252708))								Prepared: 08/30/2025 Analyzed: 08/31/2025		
o-Xylene	11.0		ug/L	10.0	0.00	110	70-126		1.56	20	
p- & m- Xylenes	21.2		"	20.0	0.00	106	70-130		1.62	20	
p-Isopropyltoluene	10.2		"	10.0	0.00	102	64-137		2.29	30	
sec-Butylbenzene	10.4		"	10.0	0.00	104	53-155		0.966	30	
Styrene	10.4		"	10.0	0.00	104	70-125		1.75	20	
tert-Butyl alcohol (TBA)	55.3		"	50.0	0.00	111	10-130		0.0724	30	
tert-Butylbenzene	10.5		"	10.0	0.00	105	65-139		0.766	30	
Tetrachloroethylene	6.43		"	10.0	0.00	64.3	70-130	Low Bias	2.20	20	
Toluene	10.4		"	10.0	0.00	104	76-123		1.16	20	
trans-1,2-Dichloroethylene	10.9		"	10.0	0.00	109	79-130		0.735	20	
trans-1,3-Dichloropropylene	10.6		"	10.0	0.00	106	70-130		1.90	20	
trans-1,4-dichloro-2-butene	10.4		"	10.0	0.00	104	25-155		0.481	30	
Trichloroethylene	9.60		"	10.0	0.00	96.0	70-130		1.79	20	
Trichlorofluoromethane	9.31		"	10.0	0.00	93.1	61-142		1.49	20	
Vinyl Chloride	8.97		"	10.0	0.00	89.7	70-130		1.91	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL1)									Prepared & Analyzed: 08/27/2025		
1,1,1,2-Tetrachloroethane	0.00		ug/L	0.100							
1,1,1-Trichloroethane	0.00		"	0.100							
1,1,2,2-Tetrachloroethane	0.00		"	0.100							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00		"	0.100							
1,1,2-Trichloroethane	0.00		"	0.100							
1,1-Dichloroethane	0.00		"	0.100							
1,1-Dichloroethylene	0.00		"	0.100							
1,2,3-Trichlorobenzene	0.00		"	0.100							
1,2,3-Trichloropropane	0.00		"	0.100							
1,2,4-Trichlorobenzene	0.00		"	0.100							
1,2,4-Trimethylbenzene	0.00		"	0.100							
1,2-Dibromo-3-chloropropane	0.00		"	0.100							
1,2-Dibromoethane	0.00		"	0.100							
1,2-Dichlorobenzene	0.00		"	0.100							
1,2-Dichloroethane	0.00		"	0.100							
1,2-Dichloropropane	0.00		"	0.100							
1,3,5-Trimethylbenzene	0.00		"	0.100							
1,3-Dichlorobenzene	0.00		"	0.100							
1,4-Dichlorobenzene	0.00		"	0.100							
2-Butanone	0.00		"	0.100							
2-Hexanone	0.00		"	0.100							
4-Methyl-2-pentanone	0.00		"	0.100							
Acetone	0.300		"	0.100		300					
Acrolein	0.510		"	0.400		128					
Acrylonitrile	0.430		"	0.500		86.0					
Benzene	0.00		"	0.100							
Bromochloromethane	0.00		"	0.100							
Bromodichloromethane	0.00		"	0.100							
Bromoform	0.00		"	0.100							

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL1)											
Prepared & Analyzed: 08/27/2025											
Bromomethane	0.00		ug/L	0.100							
Carbon disulfide	0.00		"	0.100							
Carbon tetrachloride	0.00		"	0.100							
Chlorobenzene	0.00		"	0.100							
Chloroethane	0.00		"	0.100							
Chloroform	0.00		"	0.100							
Chloromethane	0.00		"	0.100							
cis-1,2-Dichloroethylene	0.00		"	0.100							
cis-1,3-Dichloropropylene	0.00		"	0.100							
Cyclohexane	0.00		"	0.100							
Dibromochloromethane	0.00		"	0.100							
Dibromomethane	0.00		"	0.100							
Dichlorodifluoromethane	0.00		"	0.100							
Ethyl Benzene	0.00		"	0.100							
Hexachlorobutadiene	0.00		"	0.100							
Isopropylbenzene	0.00		"	0.100							
Methyl acetate	0.00		"	0.100							
Methyl tert-butyl ether (MTBE)	0.00		"	0.100							
Methylcyclohexane	0.00		"	0.100							
Methylene chloride	0.330		"	0.100		330					
n-Butylbenzene	0.00		"	0.100							
n-Propylbenzene	0.00		"	0.100							
o-Xylene	0.00		"	0.100							
p- & m- Xylenes	0.210		"	0.200		105					
p-Isopropyltoluene	0.00		"	0.100							
sec-Butylbenzene	0.00		"	0.100							
Styrene	0.00		"	0.100							
tert-Butyl alcohol (TBA)	0.00		"	0.500							
tert-Butylbenzene	0.00		"	0.100							
Tetrachloroethylene	0.00		"	0.100							
Toluene	0.00		"	0.100							
trans-1,2-Dichloroethylene	0.00		"	0.100							
trans-1,3-Dichloropropylene	0.00		"	0.100							
trans-1,4-dichloro-2-butene	0.00		"	0.100							
Trichloroethylene	0.00		"	0.100							
Trichlorofluoromethane	0.00		"	0.100							
Vinyl Chloride	0.00		"	0.100							
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*					
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*					
Surrogate: SURR: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*					

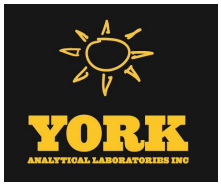


Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL2)											
1,1,1,2-Tetrachloroethane	0.230		ug/L	0.250		92.0					
1,1,1-Trichloroethane	0.250		"	0.250		100					
1,1,2,2-Tetrachloroethane	0.230		"	0.250		92.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.280		"	0.250		112					
1,1,2-Trichloroethane	0.250		"	0.250		100					
1,1-Dichloroethane	0.250		"	0.250		100					
1,1-Dichloroethylene	0.270		"	0.250		108					
1,2,3-Trichlorobenzene	0.200		"	0.250		80.0					
1,2,3-Trichloropropane	0.230		"	0.250		92.0					
1,2,4-Trichlorobenzene	0.220		"	0.250		88.0					
1,2,4-Trimethylbenzene	0.200		"	0.250		80.0					
1,2-Dibromo-3-chloropropane	0.00		"	0.250							
1,2-Dibromoethane	0.250		"	0.250		100					
1,2-Dichlorobenzene	0.260		"	0.250		104					
1,2-Dichloroethane	0.300		"	0.250		120					
1,2-Dichloropropane	0.260		"	0.250		104					
1,3,5-Trimethylbenzene	0.220		"	0.250		88.0					
1,3-Dichlorobenzene	0.240		"	0.250		96.0					
1,4-Dichlorobenzene	0.250		"	0.250		100					
2-Butanone	0.00		"	0.250							
2-Hexanone	0.220		"	0.250		88.0					
4-Methyl-2-pentanone	0.270		"	0.250		108					
Acetone	0.480		"	0.250		192					
Acrolein	1.08		"	1.00		108					
Acrylonitrile	1.34		"	1.25		107					
Benzene	0.270		"	0.250		108					
Bromochloromethane	0.250		"	0.250		100					
Bromodichloromethane	0.250		"	0.250		100					
Bromoform	0.210		"	0.250		84.0					
Bromomethane	0.260		"	0.250		104					
Carbon disulfide	0.300		"	0.250		120					
Carbon tetrachloride	0.240		"	0.250		96.0					
Chlorobenzene	0.270		"	0.250		108					
Chloroethane	0.310		"	0.250		124					
Chloroform	0.260		"	0.250		104					
Chloromethane	0.290		"	0.250		116					
cis-1,2-Dichloroethylene	0.250		"	0.250		100					
cis-1,3-Dichloropropylene	0.220		"	0.250		88.0					
Cyclohexane	0.230		"	0.250		92.0					
Dibromochloromethane	0.230		"	0.250		92.0					
Dibromomethane	0.250		"	0.250		100					
Dichlorodifluoromethane	0.390		"	0.250		156					
Ethyl Benzene	0.250		"	0.250		100					
Hexachlorobutadiene	0.250		"	0.250		100					
Isopropylbenzene	0.200		"	0.250		80.0					
Methyl acetate	0.310		"	0.250		124					
Methyl tert-butyl ether (MTBE)	0.300		"	0.250		120					
Methylcyclohexane	0.250		"	0.250		100					
Methylene chloride	0.520		"	0.250		208					
n-Butylbenzene	0.200		"	0.250		80.0					
n-Propylbenzene	0.210		"	0.250		84.0					

Prepared & Analyzed: 08/27/2025



Volatile Organic Compounds by GC/MS - Quality Control Data

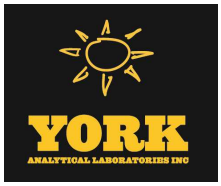
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL2)								Prepared & Analyzed: 08/27/2025			
o-Xylene	0.230		ug/L	0.250		92.0					
p- & m- Xylenes	0.500		"	0.500		100					
p-Isopropyltoluene	0.210		"	0.250		84.0					
sec-Butylbenzene	0.200		"	0.250		80.0					
Styrene	0.210		"	0.250		84.0					
tert-Butyl alcohol (TBA)	0.900		"	1.25		72.0					
tert-Butylbenzene	0.210		"	0.250		84.0					
Tetrachloroethylene	0.260		"	0.250		104					
Toluene	0.260		"	0.250		104					
trans-1,2-Dichloroethylene	0.270		"	0.250		108					
trans-1,3-Dichloropropylene	0.210		"	0.250		84.0					
trans-1,4-dichloro-2-butene	0.200		"	0.250		80.0					
Trichloroethylene	0.260		"	0.250		104					
Trichlorofluoromethane	0.280		"	0.250		112					
Vinyl Chloride	0.280		"	0.250		112					
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*					
Surrogate: SURR: Toluene-d8	*10.6*		*"*	*10.0*		*106*					
Surrogate: SURR: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*					
QBQV1080825 (S5H2801-CAL3)								Prepared & Analyzed: 08/27/2025			
1,1,1,2-Tetrachloroethane	0.500		ug/L	0.500		100					
1,1,1-Trichloroethane	0.510		"	0.500		102					
1,1,2,2-Tetrachloroethane	0.460		"	0.500		92.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.570		"	0.500		114					
1,1,2-Trichloroethane	0.500		"	0.500		100					
1,1-Dichloroethane	0.500		"	0.500		100					
1,1-Dichloroethylene	0.540		"	0.500		108					
1,2,3-Trichlorobenzene	0.460		"	0.500		92.0					
1,2,3-Trichloropropane	0.410		"	0.500		82.0					
1,2,4-Trichlorobenzene	0.430		"	0.500		86.0					
1,2,4-Trimethylbenzene	0.430		"	0.500		86.0					
1,2-Dibromo-3-chloropropane	0.350		"	0.500		70.0					
1,2-Dibromoethane	0.490		"	0.500		98.0					
1,2-Dichlorobenzene	0.480		"	0.500		96.0					
1,2-Dichloroethane	0.560		"	0.500		112					
1,2-Dichloropropane	0.490		"	0.500		98.0					
1,3,5-Trimethylbenzene	0.450		"	0.500		90.0					
1,3-Dichlorobenzene	0.480		"	0.500		96.0					
1,4-Dichlorobenzene	0.480		"	0.500		96.0					
2-Butanone	0.00		"	0.500							
2-Hexanone	0.410		"	0.500		82.0					
4-Methyl-2-pentanone	0.440		"	0.500		88.0					
Acetone	0.400		"	0.500		80.0					
Acrolein	2.02		"	2.00		101					
Acrylonitrile	2.41		"	2.50		96.4					
Benzene	0.520		"	0.500		104					
Bromochloromethane	0.490		"	0.500		98.0					
Bromodichloromethane	0.480		"	0.500		96.0					
Bromoform	0.440		"	0.500		88.0					
Bromomethane	0.520		"	0.500		104					
Carbon disulfide	0.580		"	0.500		116					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL3)											
Prepared & Analyzed: 08/27/2025											
Carbon tetrachloride	0.520		ug/L	0.500		104					
Chlorobenzene	0.530		"	0.500		106					
Chloroethane	0.570		"	0.500		114					
Chloroform	0.510		"	0.500		102					
Chloromethane	0.610		"	0.500		122					
cis-1,2-Dichloroethylene	0.500		"	0.500		100					
cis-1,3-Dichloropropylene	0.430		"	0.500		86.0					
Cyclohexane	0.470		"	0.500		94.0					
Dibromochloromethane	0.480		"	0.500		96.0					
Dibromomethane	0.510		"	0.500		102					
Dichlorodifluoromethane	0.770		"	0.500		154					
Ethyl Benzene	0.510		"	0.500		102					
Hexachlorobutadiene	0.510		"	0.500		102					
Isopropylbenzene	0.430		"	0.500		86.0					
Methyl acetate	0.540		"	0.500		108					
Methyl tert-butyl ether (MTBE)	0.560		"	0.500		112					
Methylcyclohexane	0.500		"	0.500		100					
Methylene chloride	0.770		"	0.500		154					
n-Butylbenzene	0.430		"	0.500		86.0					
n-Propylbenzene	0.430		"	0.500		86.0					
o-Xylene	0.460		"	0.500		92.0					
p- & m- Xylenes	0.970		"	1.00		97.0					
p-Isopropyltoluene	0.440		"	0.500		88.0					
sec-Butylbenzene	0.430		"	0.500		86.0					
Styrene	0.440		"	0.500		88.0					
tert-Butyl alcohol (TBA)	1.81		"	2.50		72.4					
tert-Butylbenzene	0.430		"	0.500		86.0					
Tetrachloroethylene	0.540		"	0.500		108					
Toluene	0.530		"	0.500		106					
trans-1,2-Dichloroethylene	0.520		"	0.500		104					
trans-1,3-Dichloropropylene	0.420		"	0.500		84.0					
trans-1,4-dichloro-2-butene	0.430		"	0.500		86.0					
Trichloroethylene	0.550		"	0.500		110					
Trichlorofluoromethane	0.550		"	0.500		110					
Vinyl Chloride	0.560		"	0.500		112					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*					
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*					
Surrogate: SURR: p-Bromofluorobenzene	*9.40*		*"*	*10.0*		*94.0*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL4)											
1,1,1,2-Tetrachloroethane	1.02		ug/L	1.00		102					
1,1,1-Trichloroethane	1.04		"	1.00		104					
1,1,2,2-Tetrachloroethane	0.910		"	1.00		91.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.17		"	1.00		117					
1,1,2-Trichloroethane	1.11		"	1.00		111					
1,1-Dichloroethane	1.02		"	1.00		102					
1,1-Dichloroethylene	1.08		"	1.00		108					
1,2,3-Trichlorobenzene	0.840		"	1.00		84.0					
1,2,3-Trichloropropane	0.970		"	1.00		97.0					
1,2,4-Trichlorobenzene	0.900		"	1.00		90.0					
1,2,4-Trimethylbenzene	0.910		"	1.00		91.0					
1,2-Dibromo-3-chloropropane	0.740		"	1.00		74.0					
1,2-Dibromoethane	1.04		"	1.00		104					
1,2-Dichlorobenzene	0.990		"	1.00		99.0					
1,2-Dichloroethane	1.10		"	1.00		110					
1,2-Dichloropropane	1.00		"	1.00		100					
1,3,5-Trimethylbenzene	0.940		"	1.00		94.0					
1,3-Dichlorobenzene	0.970		"	1.00		97.0					
1,4-Dichlorobenzene	0.980		"	1.00		98.0					
2-Butanone	0.800		"	1.00		80.0					
2-Hexanone	0.880		"	1.00		88.0					
4-Methyl-2-pentanone	0.980		"	1.00		98.0					
Acetone	1.22		"	1.00		122					
Acrolein	4.28		"	4.00		107					
Acrylonitrile	5.33		"	5.00		107					
Benzene	1.05		"	1.00		105					
Bromochloromethane	1.01		"	1.00		101					
Bromodichloromethane	0.960		"	1.00		96.0					
Bromoform	0.940		"	1.00		94.0					
Bromomethane	0.990		"	1.00		99.0					
Carbon disulfide	1.13		"	1.00		113					
Carbon tetrachloride	1.07		"	1.00		107					
Chlorobenzene	1.07		"	1.00		107					
Chloroethane	1.10		"	1.00		110					
Chloroform	1.05		"	1.00		105					
Chloromethane	1.23		"	1.00		123					
cis-1,2-Dichloroethylene	1.02		"	1.00		102					
cis-1,3-Dichloropropylene	0.910		"	1.00		91.0					
Cyclohexane	0.980		"	1.00		98.0					
Dibromochloromethane	1.00		"	1.00		100					
Dibromomethane	1.03		"	1.00		103					
Dichlorodifluoromethane	1.52		"	1.00		152					
Ethyl Benzene	1.00		"	1.00		100					
Hexachlorobutadiene	1.08		"	1.00		108					
Isopropylbenzene	0.880		"	1.00		88.0					
Methyl acetate	1.11		"	1.00		111					
Methyl tert-butyl ether (MTBE)	1.21		"	1.00		121					
Methylcyclohexane	1.00		"	1.00		100					
Methylene chloride	1.33		"	1.00		133					
n-Butylbenzene	0.930		"	1.00		93.0					
n-Propylbenzene	0.890		"	1.00		89.0					

Prepared & Analyzed: 08/27/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

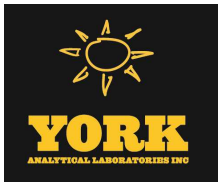
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL4)											Prepared & Analyzed: 08/27/2025
o-Xylene	0.970		ug/L	1.00		97.0					
p- & m- Xylenes	2.03		"	2.00		102					
p-Isopropyltoluene	0.930		"	1.00		93.0					
sec-Butylbenzene	0.900		"	1.00		90.0					
Styrene	0.980		"	1.00		98.0					
tert-Butyl alcohol (TBA)	5.26		"	5.00		105					
tert-Butylbenzene	0.890		"	1.00		89.0					
Tetrachloroethylene	1.06		"	1.00		106					
Toluene	1.03		"	1.00		103					
trans-1,2-Dichloroethylene	1.05		"	1.00		105					
trans-1,3-Dichloropropylene	0.900		"	1.00		90.0					
trans-1,4-dichloro-2-butene	0.900		"	1.00		90.0					
Trichloroethylene	1.06		"	1.00		106					
Trichlorofluoromethane	1.16		"	1.00		116					
Vinyl Chloride	1.17		"	1.00		117					
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*					
Surrogate: SURR: Toluene-d8	*10.5*		*"*	*10.0*		*105*					
Surrogate: SURR: p-Bromofluorobenzene	*9.40*		*"*	*10.0*		*94.0*					
QBQV1080825 (S5H2801-CAL5)											Prepared & Analyzed: 08/27/2025
1,1,1,2-Tetrachloroethane	1.87		ug/L	2.00		93.5					
1,1,1-Trichloroethane	1.96		"	2.00		98.0					
1,1,2,2-Tetrachloroethane	1.75		"	2.00		87.5					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.18		"	2.00		109					
1,1,2-Trichloroethane	1.96		"	2.00		98.0					
1,1-Dichloroethane	1.91		"	2.00		95.5					
1,1-Dichloroethylene	2.03		"	2.00		102					
1,2,3-Trichlorobenzene	1.94		"	2.00		97.0					
1,2,3-Trichloropropane	1.86		"	2.00		93.0					
1,2,4-Trichlorobenzene	1.82		"	2.00		91.0					
1,2,4-Trimethylbenzene	1.77		"	2.00		88.5					
1,2-Dibromo-3-chloropropane	1.56		"	2.00		78.0					
1,2-Dibromoethane	1.85		"	2.00		92.5					
1,2-Dichlorobenzene	1.88		"	2.00		94.0					
1,2-Dichloroethane	1.97		"	2.00		98.5					
1,2-Dichloropropane	1.85		"	2.00		92.5					
1,3,5-Trimethylbenzene	1.81		"	2.00		90.5					
1,3-Dichlorobenzene	1.87		"	2.00		93.5					
1,4-Dichlorobenzene	1.87		"	2.00		93.5					
2-Butanone	1.75		"	2.00		87.5					
2-Hexanone	1.67		"	2.00		83.5					
4-Methyl-2-pentanone	1.70		"	2.00		85.0					
Acetone	1.99		"	2.00		99.5					
Acrolein	7.63		"	8.00		95.4					
Acrylonitrile	9.84		"	10.0		98.4					
Benzene	1.98		"	2.00		99.0					
Bromochloromethane	1.86		"	2.00		93.0					
Bromodichloromethane	1.80		"	2.00		90.0					
Bromoform	1.74		"	2.00		87.0					
Bromomethane	1.74		"	2.00		87.0					
Carbon disulfide	2.15		"	2.00		108					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL5)											Prepared & Analyzed: 08/27/2025
Carbon tetrachloride	1.97		ug/L	2.00		98.5					
Chlorobenzene	1.99		"	2.00		99.5					
Chloroethane	1.99		"	2.00		99.5					
Chloroform	1.98		"	2.00		99.0					
Chloromethane	2.22		"	2.00		111					
cis-1,2-Dichloroethylene	1.91		"	2.00		95.5					
cis-1,3-Dichloropropylene	1.74		"	2.00		87.0					
Cyclohexane	1.84		"	2.00		92.0					
Dibromochloromethane	1.85		"	2.00		92.5					
Dibromomethane	1.94		"	2.00		97.0					
Dichlorodifluoromethane	2.80		"	2.00		140					
Ethyl Benzene	1.91		"	2.00		95.5					
Hexachlorobutadiene	2.01		"	2.00		100					
Isopropylbenzene	1.77		"	2.00		88.5					
Methyl acetate	2.06		"	2.00		103					
Methyl tert-butyl ether (MTBE)	2.15		"	2.00		108					
Methylcyclohexane	1.88		"	2.00		94.0					
Methylene chloride	2.20		"	2.00		110					
n-Butylbenzene	1.76		"	2.00		88.0					
n-Propylbenzene	1.74		"	2.00		87.0					
o-Xylene	1.84		"	2.00		92.0					
p- & m- Xylenes	3.83		"	4.00		95.8					
p-Isopropyltoluene	1.80		"	2.00		90.0					
sec-Butylbenzene	1.73		"	2.00		86.5					
Styrene	1.85		"	2.00		92.5					
tert-Butyl alcohol (TBA)	8.63		"	10.0		86.3					
tert-Butylbenzene	1.78		"	2.00		89.0					
Tetrachloroethylene	2.00		"	2.00		100					
Toluene	1.93		"	2.00		96.5					
trans-1,2-Dichloroethylene	2.00		"	2.00		100					
trans-1,3-Dichloropropylene	1.69		"	2.00		84.5					
trans-1,4-dichloro-2-butene	1.74		"	2.00		87.0					
Trichloroethylene	1.96		"	2.00		98.0					
Trichlorofluoromethane	2.09		"	2.00		104					
Vinyl Chloride	2.11		"	2.00		106					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*					
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*					
Surrogate: SURR: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL6)											
1,1,1,2-Tetrachloroethane	3.79		ug/L	4.00		94.8					
1,1,1-Trichloroethane	3.97		"	4.00		99.2					
1,1,2,2-Tetrachloroethane	4.04		"	4.00		101					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.08		"	4.00		102					
1,1,2-Trichloroethane	3.84		"	4.00		96.0					
1,1-Dichloroethane	4.01		"	4.00		100					
1,1-Dichloroethylene	4.06		"	4.00		102					
1,2,3-Trichlorobenzene	3.97		"	4.00		99.2					
1,2,3-Trichloropropane	4.09		"	4.00		102					
1,2,4-Trichlorobenzene	3.77		"	4.00		94.2					
1,2,4-Trimethylbenzene	3.99		"	4.00		99.8					
1,2-Dibromo-3-chloropropane	4.09		"	4.00		102					
1,2-Dibromoethane	3.88		"	4.00		97.0					
1,2-Dichlorobenzene	3.91		"	4.00		97.8					
1,2-Dichloroethane	3.89		"	4.00		97.2					
1,2-Dichloropropane	3.80		"	4.00		95.0					
1,3,5-Trimethylbenzene	4.04		"	4.00		101					
1,3-Dichlorobenzene	3.95		"	4.00		98.8					
1,4-Dichlorobenzene	3.88		"	4.00		97.0					
2-Butanone	4.81		"	4.00		120					
2-Hexanone	3.95		"	4.00		98.8					
4-Methyl-2-pentanone	3.78		"	4.00		94.5					
Acetone	4.40		"	4.00		110					
Acrolein	14.4		"	16.0		89.7					
Acrylonitrile	20.7		"	20.0		103					
Benzene	4.00		"	4.00		100					
Bromochloromethane	4.07		"	4.00		102					
Bromodichloromethane	3.84		"	4.00		96.0					
Bromoform	3.75		"	4.00		93.8					
Bromomethane	3.13		"	4.00		78.2					
Carbon disulfide	4.06		"	4.00		102					
Carbon tetrachloride	3.95		"	4.00		98.8					
Chlorobenzene	3.83		"	4.00		95.8					
Chloroethane	3.99		"	4.00		99.8					
Chloroform	4.00		"	4.00		100					
Chloromethane	4.10		"	4.00		102					
cis-1,2-Dichloroethylene	4.01		"	4.00		100					
cis-1,3-Dichloropropylene	3.87		"	4.00		96.8					
Cyclohexane	4.08		"	4.00		102					
Dibromochloromethane	3.80		"	4.00		95.0					
Dibromomethane	3.88		"	4.00		97.0					
Dichlorodifluoromethane	4.70		"	4.00		118					
Ethyl Benzene	3.81		"	4.00		95.2					
Hexachlorobutadiene	3.82		"	4.00		95.5					
Isopropylbenzene	4.02		"	4.00		100					
Methyl acetate	4.11		"	4.00		103					
Methyl tert-butyl ether (MTBE)	4.16		"	4.00		104					
Methylcyclohexane	3.89		"	4.00		97.2					
Methylene chloride	3.77		"	4.00		94.2					
n-Butylbenzene	3.99		"	4.00		99.8					
n-Propylbenzene	4.00		"	4.00		100					

Prepared & Analyzed: 08/27/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

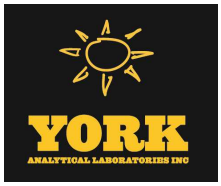
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1080825 (S5H2801-CAL6)								Prepared & Analyzed: 08/27/2025			
o-Xylene	3.84		ug/L	4.00		96.0					
p- & m- Xylenes	7.73		"	8.00		96.6					
p-Isopropyltoluene	3.99		"	4.00		99.8					
sec-Butylbenzene	4.00		"	4.00		100					
Styrene	3.89		"	4.00		97.2					
tert-Butyl alcohol (TBA)	19.6		"	20.0		97.9					
tert-Butylbenzene	3.99		"	4.00		99.8					
Tetrachloroethylene	3.80		"	4.00		95.0					
Toluene	3.83		"	4.00		95.8					
trans-1,2-Dichloroethylene	3.99		"	4.00		99.8					
trans-1,3-Dichloropropylene	3.80		"	4.00		95.0					
trans-1,4-dichloro-2-butene	3.84		"	4.00		96.0					
Trichloroethylene	3.80		"	4.00		95.0					
Trichlorofluoromethane	4.11		"	4.00		103					
Vinyl Chloride	4.11		"	4.00		103					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*					
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*					
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*					
RESTEK (S5H2801-CAL7)								Prepared & Analyzed: 08/27/2025			
1,1,1,2-Tetrachloroethane	9.72		ug/L	10.0		97.2					
1,1,1-Trichloroethane	9.62		"	10.0		96.2					
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.30		"	10.0		93.0					
1,1,2-Trichloroethane	9.65		"	10.0		96.5					
1,1-Dichloroethane	9.90		"	10.0		99.0					
1,1-Dichloroethylene	9.58		"	10.0		95.8					
1,2,3-Trichlorobenzene	10.0		"	10.0		100					
1,2,3-Trichloropropane	10.4		"	10.0		104					
1,2,4-Trichlorobenzene	10.1		"	10.0		101					
1,2,4-Trimethylbenzene	10.5		"	10.0		105					
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113					
1,2-Dibromoethane	9.86		"	10.0		98.6					
1,2-Dichlorobenzene	10.1		"	10.0		101					
1,2-Dichloroethane	9.59		"	10.0		95.9					
1,2-Dichloropropane	10.3		"	10.0		103					
1,3,5-Trimethylbenzene	10.5		"	10.0		105					
1,3-Dichlorobenzene	10.2		"	10.0		102					
1,4-Dichlorobenzene	10.2		"	10.0		102					
2-Butanone	11.7		"	10.0		117					
2-Hexanone	10.7		"	10.0		107					
4-Methyl-2-pentanone	10.3		"	10.0		103					
Acetone	10.2		"	10.0		102					
Acrolein	36.7		"	40.0		91.7					
Acrylonitrile	48.9		"	50.0		97.7					
Benzene	9.73		"	10.0		97.3					
Bromochloromethane	10.3		"	10.0		103					
Bromodichloromethane	10.1		"	10.0		101					
Bromoform	9.68		"	10.0		96.8					
Bromomethane	8.55		"	10.0		85.5					
Carbon disulfide	9.42		"	10.0		94.2					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CAL7)											
Prepared & Analyzed: 08/27/2025											
Carbon tetrachloride	9.39		ug/L	10.0		93.9					
Chlorobenzene	9.65		"	10.0		96.5					
Chloroethane	9.57		"	10.0		95.7					
Chloroform	9.66		"	10.0		96.6					
Chloromethane	9.12		"	10.0		91.2					
cis-1,2-Dichloroethylene	9.90		"	10.0		99.0					
cis-1,3-Dichloropropylene	10.4		"	10.0		104					
Cyclohexane	10.3		"	10.0		103					
Dibromochloromethane	9.67		"	10.0		96.7					
Dibromomethane	9.76		"	10.0		97.6					
Dichlorodifluoromethane	8.43		"	10.0		84.3					
Ethyl Benzene	9.83		"	10.0		98.3					
Hexachlorobutadiene	9.48		"	10.0		94.8					
Isopropylbenzene	10.6		"	10.0		106					
Methyl acetate	9.31		"	10.0		93.1					
Methyl tert-butyl ether (MTBE)	9.14		"	10.0		91.4					
Methylcyclohexane	10.0		"	10.0		100					
Methylene chloride	8.83		"	10.0		88.3					
n-Butylbenzene	10.4		"	10.0		104					
n-Propylbenzene	10.7		"	10.0		107					
o-Xylene	10.1		"	10.0		101					
p- & m- Xylenes	19.9		"	20.0		99.6					
p-Isopropyltoluene	10.4		"	10.0		104					
sec-Butylbenzene	10.5		"	10.0		105					
Styrene	10.0		"	10.0		100					
tert-Butyl alcohol (TBA)	47.2		"	50.0		94.3					
tert-Butylbenzene	10.4		"	10.0		104					
Tetrachloroethylene	9.35		"	10.0		93.5					
Toluene	9.85		"	10.0		98.5					
trans-1,2-Dichloroethylene	9.71		"	10.0		97.1					
trans-1,3-Dichloropropylene	10.4		"	10.0		104					
trans-1,4-dichloro-2-butene	10.6		"	10.0		106					
Trichloroethylene	9.70		"	10.0		97.0					
Trichlorofluoromethane	9.54		"	10.0		95.4					
Vinyl Chloride	9.47		"	10.0		94.7					
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.34*		*"*	*10.0*		*93.4*					
Surrogate: SURR: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*					
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CAL8)											
1,1,1,2-Tetrachloroethane	22.3		ug/L	20.0		111					
1,1,1-Trichloroethane	20.8		"	20.0		104					
1,1,2,2-Tetrachloroethane	19.0		"	20.0		94.8					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20.2		"	20.0		101					
1,1,2-Trichloroethane	21.6		"	20.0		108					
1,1-Dichloroethane	20.1		"	20.0		100					
1,1-Dichloroethylene	20.2		"	20.0		101					
1,2,3-Trichlorobenzene	20.2		"	20.0		101					
1,2,3-Trichloropropane	19.0		"	20.0		95.0					
1,2,4-Trichlorobenzene	21.1		"	20.0		106					
1,2,4-Trimethylbenzene	19.5		"	20.0		97.6					
1,2-Dibromo-3-chloropropane	19.0		"	20.0		95.2					
1,2-Dibromoethane	22.1		"	20.0		110					
1,2-Dichlorobenzene	19.7		"	20.0		98.5					
1,2-Dichloroethane	20.4		"	20.0		102					
1,2-Dichloropropane	20.4		"	20.0		102					
1,3,5-Trimethylbenzene	19.2		"	20.0		96.1					
1,3-Dichlorobenzene	19.6		"	20.0		98.0					
1,4-Dichlorobenzene	19.9		"	20.0		99.4					
2-Butanone	19.6		"	20.0		98.0					
2-Hexanone	20.3		"	20.0		101					
4-Methyl-2-pentanone	20.8		"	20.0		104					
Acetone	17.7		"	20.0		88.6					
Acrolein	89.9		"	80.0		112					
Acrylonitrile	101		"	100		101					
Benzene	20.2		"	20.0		101					
Bromochloromethane	19.6		"	20.0		97.8					
Bromodichloromethane	21.4		"	20.0		107					
Bromoform	23.9		"	20.0		119					
Bromomethane	27.4		"	20.0		137					
Carbon disulfide	20.0		"	20.0		100					
Carbon tetrachloride	21.1		"	20.0		106					
Chlorobenzene	21.4		"	20.0		107					
Chloroethane	20.2		"	20.0		101					
Chloroform	20.4		"	20.0		102					
Chloromethane	20.3		"	20.0		102					
cis-1,2-Dichloroethylene	20.1		"	20.0		100					
cis-1,3-Dichloropropylene	21.2		"	20.0		106					
Cyclohexane	19.7		"	20.0		98.6					
Dibromochloromethane	22.7		"	20.0		114					
Dibromomethane	21.5		"	20.0		108					
Dichlorodifluoromethane	19.7		"	20.0		98.3					
Ethyl Benzene	21.4		"	20.0		107					
Hexachlorobutadiene	20.5		"	20.0		103					
Isopropylbenzene	19.4		"	20.0		96.9					
Methyl acetate	20.2		"	20.0		101					
Methyl tert-butyl ether (MTBE)	20.0		"	20.0		99.9					
Methylcyclohexane	21.0		"	20.0		105					
Methylene chloride	19.2		"	20.0		96.1					
n-Butylbenzene	19.5		"	20.0		97.3					
n-Propylbenzene	19.3		"	20.0		96.3					

Prepared & Analyzed: 08/27/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CAL8)								Prepared & Analyzed: 08/27/2025			
o-Xylene	21.6		ug/L	20.0		108					
p- & m- Xylenes	42.5		"	40.0		106					
p-Isopropyltoluene	19.6		"	20.0		98.2					
sec-Butylbenzene	19.6		"	20.0		98.2					
Styrene	21.8		"	20.0		109					
tert-Butyl alcohol (TBA)	117		"	100		117					
tert-Butylbenzene	19.9		"	20.0		99.4					
Tetrachloroethylene	22.0		"	20.0		110					
Toluene	20.9		"	20.0		105					
trans-1,2-Dichloroethylene	20.1		"	20.0		100					
trans-1,3-Dichloropropylene	22.1		"	20.0		111					
trans-1,4-dichloro-2-butene	19.5		"	20.0		97.6					
Trichloroethylene	21.0		"	20.0		105					
Trichlorofluoromethane	20.0		"	20.0		99.8					
Vinyl Chloride	20.3		"	20.0		102					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*					
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*					
Surrogate: SURR: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*					
RESTEK (S5H2801-CAL9)								Prepared & Analyzed: 08/27/2025			
1,1,1,2-Tetrachloroethane	40.4		ug/L	40.0		101					
1,1,1-Trichloroethane	42.2		"	40.0		106					
1,1,2,2-Tetrachloroethane	43.0		"	40.0		107					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.3		"	40.0		98.2					
1,1,2-Trichloroethane	39.4		"	40.0		98.6					
1,1-Dichloroethane	41.1		"	40.0		103					
1,1-Dichloroethylene	40.2		"	40.0		101					
1,2,3-Trichlorobenzene	44.9		"	40.0		112					
1,2,3-Trichloropropane	42.5		"	40.0		106					
1,2,4-Trichlorobenzene	46.0		"	40.0		115					
1,2,4-Trimethylbenzene	43.7		"	40.0		109					
1,2-Dibromo-3-chloropropane	45.7		"	40.0		114					
1,2-Dibromoethane	38.8		"	40.0		97.1					
1,2-Dichlorobenzene	42.5		"	40.0		106					
1,2-Dichloroethane	41.3		"	40.0		103					
1,2-Dichloropropane	39.0		"	40.0		97.4					
1,3,5-Trimethylbenzene	42.2		"	40.0		106					
1,3-Dichlorobenzene	42.3		"	40.0		106					
1,4-Dichlorobenzene	43.0		"	40.0		107					
2-Butanone	39.4		"	40.0		98.5					
2-Hexanone	42.1		"	40.0		105					
4-Methyl-2-pentanone	43.3		"	40.0		108					
Acetone	37.1		"	40.0		92.8					
Acrolein	185		"	160		116					
Acrylonitrile	209		"	200		105					
Benzene	40.9		"	40.0		102					
Bromochloromethane	39.4		"	40.0		98.5					
Bromodichloromethane	40.0		"	40.0		100					
Bromoform	42.4		"	40.0		106					
Bromomethane	55.1		"	40.0		138					
Carbon disulfide	39.2		"	40.0		98.0					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CAL9)											
Prepared & Analyzed: 08/27/2025											
Carbon tetrachloride	43.5		ug/L	40.0		109					
Chlorobenzene	39.5		"	40.0		98.6					
Chloroethane	39.2		"	40.0		98.1					
Chloroform	41.6		"	40.0		104					
Chloromethane	36.3		"	40.0		90.8					
cis-1,2-Dichloroethylene	41.3		"	40.0		103					
cis-1,3-Dichloropropylene	40.8		"	40.0		102					
Cyclohexane	39.8		"	40.0		99.6					
Dibromochloromethane	40.9		"	40.0		102					
Dibromomethane	38.6		"	40.0		96.6					
Dichlorodifluoromethane	24.4		"	40.0		61.1					
Ethyl Benzene	41.1		"	40.0		103					
Hexachlorobutadiene	44.3		"	40.0		111					
Isopropylbenzene	43.3		"	40.0		108					
Methyl acetate	41.2		"	40.0		103					
Methyl tert-butyl ether (MTBE)	38.7		"	40.0		96.8					
Methylcyclohexane	38.2		"	40.0		95.5					
Methylene chloride	40.1		"	40.0		100					
n-Butylbenzene	44.6		"	40.0		112					
n-Propylbenzene	43.8		"	40.0		109					
o-Xylene	40.8		"	40.0		102					
p- & m- Xylenes	81.2		"	80.0		101					
p-Isopropyltoluene	43.4		"	40.0		108					
sec-Butylbenzene	43.7		"	40.0		109					
Styrene	40.3		"	40.0		101					
tert-Butyl alcohol (TBA)	255		"	200		127					
tert-Butylbenzene	43.6		"	40.0		109					
Tetrachloroethylene	40.4		"	40.0		101					
Toluene	40.2		"	40.0		100					
trans-1,2-Dichloroethylene	41.4		"	40.0		103					
trans-1,3-Dichloropropylene	41.9		"	40.0		105					
trans-1,4-dichloro-2-butene	46.3		"	40.0		116					
Trichloroethylene	39.2		"	40.0		98.0					
Trichlorofluoromethane	38.4		"	40.0		95.9					
Vinyl Chloride	36.8		"	40.0		92.0					
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*					
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*					
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CALA)											
1,1,1,2-Tetrachloroethane	93.0		ug/L	80.0		116					
1,1,1-Trichloroethane	85.0		"	80.0		106					
1,1,2,2-Tetrachloroethane	81.6		"	80.0		102					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	75.8		"	80.0		94.7					
1,1,2-Trichloroethane	87.3		"	80.0		109					
1,1-Dichloroethane	82.5		"	80.0		103					
1,1-Dichloroethylene	78.0		"	80.0		97.5					
1,2,3-Trichlorobenzene	93.4		"	80.0		117					
1,2,3-Trichloropropane	83.8		"	80.0		105					
1,2,4-Trichlorobenzene	95.8		"	80.0		120					
1,2,4-Trimethylbenzene	84.9		"	80.0		106					
1,2-Dibromo-3-chloropropane	92.2		"	80.0		115					
1,2-Dibromoethane	88.3		"	80.0		110					
1,2-Dichlorobenzene	83.4		"	80.0		104					
1,2-Dichloroethane	81.5		"	80.0		102					
1,2-Dichloropropane	84.6		"	80.0		106					
1,3,5-Trimethylbenzene	82.2		"	80.0		103					
1,3-Dichlorobenzene	84.1		"	80.0		105					
1,4-Dichlorobenzene	84.6		"	80.0		106					
2-Butanone	101		"	80.0		126					
2-Hexanone	90.8		"	80.0		113					
4-Methyl-2-pentanone	90.3		"	80.0		113					
Acetone	72.1		"	80.0		90.1					
Acrolein	369		"	320		115					
Acrylonitrile	441		"	400		110					
Benzene	80.6		"	80.0		101					
Bromochloromethane	74.3		"	80.0		92.9					
Bromodichloromethane	90.3		"	80.0		113					
Bromoform	106		"	80.0		133					
Bromomethane	128		"	80.0		160					
Carbon disulfide	74.9		"	80.0		93.6					
Carbon tetrachloride	87.8		"	80.0		110					
Chlorobenzene	86.4		"	80.0		108					
Chloroethane	79.4		"	80.0		99.2					
Chloroform	82.7		"	80.0		103					
Chloromethane	75.0		"	80.0		93.8					
cis-1,2-Dichloroethylene	82.6		"	80.0		103					
cis-1,3-Dichloropropylene	91.5		"	80.0		114					
Cyclohexane	80.0		"	80.0		99.9					
Dibromochloromethane	96.6		"	80.0		121					
Dibromomethane	88.2		"	80.0		110					
Dichlorodifluoromethane	44.3		"	80.0		55.3					
Ethyl Benzene	87.1		"	80.0		109					
Hexachlorobutadiene	89.7		"	80.0		112					
Isopropylbenzene	84.2		"	80.0		105					
Methyl acetate	83.6		"	80.0		104					
Methyl tert-butyl ether (MTBE)	81.4		"	80.0		102					
Methylcyclohexane	87.4		"	80.0		109					
Methylene chloride	70.9		"	80.0		88.6					
n-Butylbenzene	84.6		"	80.0		106					
n-Propylbenzene	82.8		"	80.0		104					

Prepared & Analyzed: 08/27/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
RESTEK (S5H2801-CALA)								Prepared & Analyzed: 08/27/2025			
o-Xylene	89.7		ug/L	80.0		112					
p- & m- Xylenes	171		"	160		107					
p-Isopropyltoluene	85.3		"	80.0		107					
sec-Butylbenzene	85.4		"	80.0		107					
Styrene	90.6		"	80.0		113					
tert-Butyl alcohol (TBA)	634		"	400		158					
tert-Butylbenzene	86.5		"	80.0		108					
Tetrachloroethylene	93.9		"	80.0		117					
Toluene	84.1		"	80.0		105					
trans-1,2-Dichloroethylene	81.0		"	80.0		101					
trans-1,3-Dichloropropylene	94.6		"	80.0		118					
trans-1,4-dichloro-2-butene	87.7		"	80.0		110					
Trichloroethylene	85.7		"	80.0		107					
Trichlorofluoromethane	73.3		"	80.0		91.6					
Vinyl Chloride	74.1		"	80.0		92.6					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*					
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*					
Surrogate: SURR: p-Bromofluorobenzene	*9.84*		*"*	*10.0*		*98.4*					
QBQV1081125 (S5H2801-SCV1)								Prepared & Analyzed: 08/27/2025			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130				
1,1,1-Trichloroethane	9.85		"	10.0		98.5	70-130				
1,1,2,2-Tetrachloroethane	9.53		"	10.0		95.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.81		"	10.0		98.1	70-130				
1,1,2-Trichloroethane	9.99		"	10.0		99.9	70-130				
1,1-Dichloroethane	9.61		"	10.0		96.1	70-130				
1,1-Dichloroethylene	9.88		"	10.0		98.8	70-130				
1,2,3-Trichlorobenzene	11.3		"	10.0		113	70-130				
1,2,3-Trichloropropane	9.80		"	10.0		98.0	70-130				
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70-130				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	70-130				
1,2-Dibromoethane	10.2		"	10.0		102	70-130				
1,2-Dichlorobenzene	9.90		"	10.0		99.0	70-130				
1,2-Dichloroethane	9.25		"	10.0		92.5	70-130				
1,2-Dichloropropane	9.98		"	10.0		99.8	70-130				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,3-Dichlorobenzene	9.81		"	10.0		98.1	70-130				
1,4-Dichlorobenzene	9.94		"	10.0		99.4	70-130				
2-Butanone	10.4		"	10.0		104	70-130				
2-Hexanone	10.7		"	10.0		107	70-130				
4-Methyl-2-pentanone	10.1		"	10.0		101	70-130				
Acetone	11.1		"	10.0		111	70-130				
Acrolein	12.5		"	10.0		125	70-130				
Acrylonitrile	10.6		"	10.0		106	70-130				
Benzene	10.0		"	10.0		100	70-130				
Bromochloromethane	9.79		"	10.0		97.9	70-130				
Bromodichloromethane	9.74		"	10.0		97.4	70-130				
Bromoform	10.6		"	10.0		106	70-130				
Bromomethane	9.75		"	10.0		97.5	70-130				
Carbon disulfide	9.57		"	10.0		95.7	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2801 - BH52053											
QBQV1081125 (S5H2801-SCV1)								Prepared & Analyzed: 08/27/2025			
Carbon tetrachloride	9.93		ug/L	10.0		99.3	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	9.46		"	10.0		94.6	70-130				
Chloroform	9.64		"	10.0		96.4	70-130				
Chloromethane	8.43		"	10.0		84.3	70-130				
cis-1,2-Dichloroethylene	9.96		"	10.0		99.6	70-130				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Cyclohexane	9.98		"	10.0		99.8	70-130				
Dibromochloromethane	10.2		"	10.0		102	70-130				
Dibromomethane	9.67		"	10.0		96.7	70-130				
Dichlorodifluoromethane	6.46		"	10.0		64.6	70-130	Low Bias			
Ethyl Benzene	10.2		"	10.0		102	70-130				
Hexachlorobutadiene	10.7		"	10.0		107	70-130				
Isopropylbenzene	9.97		"	10.0		99.7	70-130				
Methyl acetate	15.6		"	10.0		156	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	9.59		"	10.0		95.9	70-130				
Methylcyclohexane	9.89		"	10.0		98.9	70-130				
Methylene chloride	8.72		"	10.0		87.2	70-130				
n-Butylbenzene	10.1		"	10.0		101	70-130				
n-Propylbenzene	9.80		"	10.0		98.0	70-130				
o-Xylene	10.6		"	10.0		106	70-130				
p- & m- Xylenes	20.6		"	20.0		103	70-130				
p-Isopropyltoluene	10.0		"	10.0		100	70-130				
sec-Butylbenzene	9.96		"	10.0		99.6	70-130				
Styrene	10.2		"	10.0		102	70-130				
tert-Butyl alcohol (TBA)	43.0		"	50.0		86.1	70-130				
tert-Butylbenzene	10.0		"	10.0		100	70-130				
Tetrachloroethylene	6.89		"	10.0		68.9	70-130	Low Bias			
Toluene	10.2		"	10.0		102	70-130				
trans-1,2-Dichloroethylene	9.92		"	10.0		99.2	70-130				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	70-130				
trans-1,4-dichloro-2-butene	9.48		"	10.0		94.8	70-130				
Trichloroethylene	9.79		"	10.0		97.9	70-130				
Trichlorofluoromethane	9.42		"	10.0		94.2	70-130				
Vinyl Chloride	8.90		"	10.0		89.0	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25H1840-01	MW-10 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-02	MW-11R (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-03	MW-13R (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-04	MW-14 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-05	EB (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-06	TB (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25H1840-07	MW-15 (20252708)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 25H1840

Samples Received: 08/27/2025 21:55 **By:** Mckenzie Elliott **Logged In:** 08/27/2025 16:19 **By:** Jenny M Fogle

Sample Conditions:

- [ ] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [x] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
25H1840-01	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-02	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-03	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-04	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-05	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-06	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite
25H1840-07	EPA 5030B	08/30/2025 9:00	08/30/2025 9:00	Stephanie C. Brathwaite

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
25H1840-01	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 3:14	Palak M. Bhavsar
25H1840-02	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 3:43	Palak M. Bhavsar
25H1840-03	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 4:11	Palak M. Bhavsar
25H1840-04	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 4:40	Palak M. Bhavsar
25H1840-05	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 5:09	Palak M. Bhavsar
25H1840-06	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 0:52	Palak M. Bhavsar
25H1840-07	VOA, 8260 LOW MASTER	08/30/2025 9:00	08/31/2025 5:37	Palak M. Bhavsar

Field Chain-of-Custody Record

ALS Project Number: 25H1840

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:
Company: HydroTech Environmental	Company:
Address: 231 West 29th Street New York, NY	Address: SAME
Phone.: 631 241 7955	Phone.:
Contact: Paul Mati	Contact:
E-mail: pmati@hydrotechenvironmental.com	E-mail:

YOUR Project Name / Number: 230054 - 170 Freeman St Brooklyn

PO Number: 53198

Samples Collected From: NY X CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Matthew Sanchez

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Analyses Requested: EPA 8260	Grab or Comp. G/C
MW-10 (20252708)	8/27/25	1135	GW	X										X	
MW-11R (20252708)		1030	GW	X											
MW-13R (20252708)		1010	GW	X											
MW-14 MS/MSD (20252708)		0925	GW	X											
EB (20252708)		1100	DI	X											
TB (20252708)			DI												
MW-15 (20252708)		1240	GW	X											

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

~~NYSDEC GQS~~ NYSDEC GQS

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of relinquish/pick up? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Matthew Sanchez/HTE	8/27/25 @1351		8/27/25 1351		8.27.25 14:10
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	8.27.25 14:10 4.2		8.27.25 21:55		8/27/25 18:30
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	8/27/25				8/27/25 2155 2.6 Degrees C

York Analytical Laboratories, Inc.
SDG: 25H1840
CLASS: VOA
METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

SDG: 25H1840

Client: Hydro Tech Environmental

Project: 23005 - 170 Freeman St Brooklyn

Client Sample Id:	Lab Sample Id:
MW-10 (20252708)	25H1840-01
MW-11R (20252708)	25H1840-02
MW-13R (20252708)	25H1840-03
MW-14 (20252708)	25H1840-04
EB (20252708)	25H1840-05
TB (20252708)	25H1840-06
MW-15 (20252708)	25H1840-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by

Signature: 

Name: Cassie L. Mosher

Date: 10/10/2025

Title: Laboratory Manager

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5I0205-CCV1)				Lab File ID: V10C14878.D		Analyzed: 08/30/25 22:00		
SURR: 1,2-Dichloroethane-d4	10.0	98.7	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	102	80 - 120	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.6	80 - 120	10.266	10.2617	0.0043	+/-0.50	
LCS (BH52261-BS1)				Lab File ID: V10C14879.D		Analyzed: 08/30/25 22:29		
SURR: 1,2-Dichloroethane-d4	10.0	103	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.3	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	99.1	79 - 122	10.266	10.2617	0.0043	+/-0.50	
LCS Dup (BH52261-BSD1)				Lab File ID: V10C14880.D		Analyzed: 08/30/25 22:57		
SURR: 1,2-Dichloroethane-d4	10.0	97.9	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.9	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
Blank (BH52261-BLK1)				Lab File ID: V10C14882.D		Analyzed: 08/30/25 23:54		
SURR: 1,2-Dichloroethane-d4	10.0	97.7	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	100	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.266	10.2617	0.0043	+/-0.50	
TB (20252708) (25H1840-06)				Lab File ID: V10C14884.D		Analyzed: 08/31/25 00:52		
SURR: 1,2-Dichloroethane-d4	10.0	98.5	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	101	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
MW-10 (20252708) (25H1840-01)				Lab File ID: V10C14889.D		Analyzed: 08/31/25 03:14		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.2	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.266	10.2617	0.0043	+/-0.50	
MW-11R (20252708) (25H1840-02)				Lab File ID: V10C14890.D		Analyzed: 08/31/25 03:43		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.5	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.265	10.2617	0.0033	+/-0.50	
MW-13R (20252708) (25H1840-03)				Lab File ID: V10C14891.D		Analyzed: 08/31/25 04:11		
SURR: 1,2-Dichloroethane-d4	10.0	102	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.266	10.2617	0.0043	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-14 (20252708) (25H1840-04)				Lab File ID: V10C14892.D		Analyzed: 08/31/25 04:40		
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.0	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.265	10.2617	0.0033	+/-0.50	
EB (20252708) (25H1840-05)				Lab File ID: V10C14893.D		Analyzed: 08/31/25 05:09		
SURR: 1,2-Dichloroethane-d4	10.0	105	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	96.1	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.259	10.2617	-0.0027	+/-0.50	
MW-15 (20252708) (25H1840-07)				Lab File ID: V10C14894.D		Analyzed: 08/31/25 05:37		
SURR: 1,2-Dichloroethane-d4	10.0	95.4	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.5	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	109	79 - 122	10.26	10.2617	-0.0017	+/-0.50	
Matrix Spike (BH52261-MS1)				Lab File ID: V10C14899.D		Analyzed: 08/31/25 08:00		
SURR: 1,2-Dichloroethane-d4	10.0	100	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	95.2	81 - 117	7.48	7.4799	0.0001	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.26	10.2617	-0.0017	+/-0.50	
Matrix Spike Dup (BH52261-MSD1)				Lab File ID: V10C14900.D		Analyzed: 08/31/25 08:29		
SURR: 1,2-Dichloroethane-d4	10.0	99.4	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	95.1	81 - 117	7.479	7.4799	-0.0009	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	103	79 - 122	10.265	10.2617	0.0033	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	9.93	99.3	45 - 161
1,1,1-Trichloroethane	10.0	0.00	10.3	103	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	11.5	115	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	9.53	95.3	70 - 130
1,1,2-Trichloroethane	10.0	0.00	10.7	107	70 - 130
1,1-Dichloroethane	10.0	0.00	10.4	104	70 - 130
1,1-Dichloroethylene	10.0	0.00	10.8	108	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	9.07	90.7	70 - 130
1,2,3-Trichloropropane	10.0	0.00	11.1	111	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	9.44	94.4	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	10.8	108	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	11.7	117	40 - 151
1,2-Dibromoethane	10.0	0.00	10.9	109	75 - 125
1,2-Dichlorobenzene	10.0	0.00	10.2	102	70 - 122
1,2-Dichloroethane	10.0	0.00	10.3	103	70 - 130
1,2-Dichloropropane	10.0	0.00	10.7	107	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	10.7	107	69 - 126
1,3-Dichlorobenzene	10.0	0.00	9.99	99.9	74 - 119
1,4-Dichlorobenzene	10.0	0.00	9.98	99.8	70 - 124
2-Butanone	10.0	0.00	10.2	102	40 - 160
2-Hexanone	10.0	0.00	11.2	112	53 - 133
4-Methyl-2-pentanone	10.0	0.00	11.4	114	40 - 150
Acetone	10.0	0.540	10.1	95.9	40 - 149
Acrolein	10.0	0.310	12.5	122	10 - 195
Acrylonitrile	10.0	0.00	12.0	120	37 - 165
Benzene	10.0	0.00	10.4	104	70 - 130
Bromochloromethane	10.0	0.00	11.3	113	75 - 121
Bromodichloromethane	10.0	0.00	10.2	102	70 - 129
Bromoform	10.0	0.00	10.5	105	70 - 130
Bromomethane	10.0	0.00	5.50	55.0	40 - 158
Carbon disulfide	10.0	0.00	9.72	97.2	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	10.0	0.00	10.2	102	71 - 130
Chlorobenzene	10.0	0.00	10.0	100	81 - 117
Chloroethane	10.0	0.00	10.2	102	51 - 145
Chloroform	10.0	0.00	10.1	101	80 - 124
Chloromethane	10.0	0.00	6.87	68.7	40 - 160
cis-1,2-Dichloroethylene	10.0	0.00	10.4	104	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	10.3	103	70 - 130
Cyclohexane	10.0	0.00	10.5	105	70 - 130
Dibromochloromethane	10.0	0.00	10.2	102	71 - 129
Dibromomethane	10.0	0.00	10.4	104	76 - 120
Dichlorodifluoromethane	10.0	0.00	4.99	49.9	40 - 147
Ethyl Benzene	10.0	0.00	10.3	103	72 - 128
Hexachlorobutadiene	10.0	0.00	8.21	82.1	34 - 166
Isopropylbenzene	10.0	0.00	10.6	106	70 - 130
Methyl acetate	10.0	0.00	18.5	185 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.4	114	75 - 128
Methylcyclohexane	10.0	0.00	9.69	96.9	70 - 130
Methylene chloride	10.0	0.00	10.3	103	70 - 128
n-Butylbenzene	10.0	0.00	9.84	98.4	61 - 138
n-Propylbenzene	10.0	0.00	10.4	104	66 - 134
o-Xylene	10.0	0.00	10.8	108	70 - 126
p- & m- Xylenes	20.0	0.00	20.9	104	70 - 130
p-Isopropyltoluene	10.0	0.00	9.94	99.4	64 - 137
sec-Butylbenzene	10.0	0.00	10.3	103	53 - 155
Styrene	10.0	0.00	10.2	102	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	55.3	111	10 - 130
tert-Butylbenzene	10.0	0.00	10.4	104	65 - 139
Tetrachloroethylene	10.0	0.00	6.29	62.9 *	70 - 130
Toluene	10.0	0.00	10.3	103	76 - 123
trans-1,2-Dichloroethylene	10.0	0.00	10.8	108	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	10.4	104	70 - 130
trans-1,4-dichloro-2-butene	10.0	0.00	10.4	104	25 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-MS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	0.00	9.43	94.3	70 - 130
Trichlorofluoromethane	10.0	0.00	9.45	94.5	61 - 142
Vinyl Chloride	10.0	0.00	8.80	88.0	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	2.88	30	45 - 161
1,1,1-Trichloroethane	10.0	10.3	103	0.486	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.4	114	0.524	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.95	89.5	6.28	20	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	1.21	20	70 - 130
1,1-Dichloroethane	10.0	10.4	104	0.673	20	70 - 130
1,1-Dichloroethylene	10.0	10.7	107	0.279	20	70 - 130
1,2,3-Trichlorobenzene	10.0	10.0	100	9.85	20	70 - 130
1,2,3-Trichloropropane	10.0	11.0	110	1.36	30	74 - 127
1,2,4-Trichlorobenzene	10.0	10.2	102	7.93	20	70 - 130
1,2,4-Trimethylbenzene	10.0	10.9	109	1.02	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	11.8	118	1.36	20	40 - 151
1,2-Dibromoethane	10.0	10.9	109	0.275	20	75 - 125
1,2-Dichlorobenzene	10.0	10.4	104	1.75	20	70 - 122
1,2-Dichloroethane	10.0	10.3	103	0.485	20	70 - 130
1,2-Dichloropropane	10.0	10.9	109	2.22	20	77 - 121
1,3,5-Trimethylbenzene	10.0	10.9	109	1.57	30	69 - 126
1,3-Dichlorobenzene	10.0	10.1	101	0.897	20	74 - 119
1,4-Dichlorobenzene	10.0	10.1	101	1.39	20	70 - 124
2-Butanone	10.0	10.4	104	1.17	20	40 - 160
2-Hexanone	10.0	11.7	117	4.02	20	53 - 133
4-Methyl-2-pentanone	10.0	11.9	119	3.69	20	40 - 150
Acetone	10.0	10.5	99.3	3.30	20	40 - 149
Acrolein	10.0	13.1	128	4.68	30	10 - 195
Acrylonitrile	10.0	12.1	121	1.08	30	37 - 165
Benzene	10.0	10.5	105	0.767	20	70 - 130
Bromochloromethane	10.0	11.3	113	0.0882	20	75 - 121
Bromodichloromethane	10.0	10.4	104	2.13	20	70 - 129
Bromoform	10.0	10.7	107	1.51	20	70 - 130
Bromomethane	10.0	6.73	67.3	20.1 *	20	40 - 158
Carbon disulfide	10.0	9.85	98.5	1.33	20	40 - 138
Carbon tetrachloride	10.0	10.1	101	0.494	20	71 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10.0	10.2	102	1.78	20	81 - 117
Chloroethane	10.0	10.1	101	0.295	20	51 - 145
Chloroform	10.0	10.2	102	0.888	20	80 - 124
Chloromethane	10.0	7.29	72.9	5.93	20	40 - 160
cis-1,2-Dichloroethylene	10.0	10.5	105	1.15	20	76 - 125
cis-1,3-Dichloropropylene	10.0	10.6	106	2.77	20	70 - 130
Cyclohexane	10.0	10.2	102	3.29	20	70 - 130
Dibromochloromethane	10.0	10.5	105	2.71	20	71 - 129
Dibromomethane	10.0	10.6	106	1.52	30	76 - 120
Dichlorodifluoromethane	10.0	4.68	46.8	6.41	20	40 - 147
Ethyl Benzene	10.0	10.5	105	1.44	20	72 - 128
Hexachlorobutadiene	10.0	8.61	86.1	4.76	30	34 - 166
Isopropylbenzene	10.0	10.6	106	0.0946	20	70 - 130
Methyl acetate	10.0	18.5	185 *	0.00	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.7	117	1.90	20	75 - 128
Methylcyclohexane	10.0	9.27	92.7	4.43	20	70 - 130
Methylene chloride	10.0	10.2	102	0.293	20	70 - 128
n-Butylbenzene	10.0	10.0	100	2.01	30	61 - 138
n-Propylbenzene	10.0	10.4	104	0.192	30	66 - 134
o-Xylene	10.0	11.0	110	1.56	20	70 - 126
p- & m- Xylenes	20.0	21.2	106	1.62	20	70 - 130
p-Isopropyltoluene	10.0	10.2	102	2.29	30	64 - 137
sec-Butylbenzene	10.0	10.4	104	0.966	30	53 - 155
Styrene	10.0	10.4	104	1.75	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	55.3	111	0.0724	30	10 - 130
tert-Butylbenzene	10.0	10.5	105	0.766	30	65 - 139
Tetrachloroethylene	10.0	6.43	64.3 *	2.20	20	70 - 130
Toluene	10.0	10.4	104	1.16	20	76 - 123
trans-1,2-Dichloroethylene	10.0	10.9	109	0.735	20	79 - 130
trans-1,3-Dichloropropylene	10.0	10.6	106	1.90	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	10.4	104	0.481	30	25 - 155
Trichloroethylene	10.0	9.60	96.0	1.79	20	70 - 130
Trichlorofluoromethane	10.0	9.31	93.1	1.49	20	61 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-14 (20252708)

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	8.97	89.7	1.91	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	10.0	100	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.4	104	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.82	98.2	70 - 130
1,1,2-Trichloroethane	10.0	10.8	108	82 - 123
1,1-Dichloroethane	10.0	9.97	99.7	82 - 129
1,1-Dichloroethylene	10.0	10.4	104	70 - 130
1,2,3-Trichlorobenzene	10.0	10.9	109	76 - 130
1,2,3-Trichloropropane	10.0	10.5	105	77 - 128
1,2,4-Trichlorobenzene	10.0	10.2	102	76 - 130
1,2,4-Trimethylbenzene	10.0	9.90	99.0	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.6	116	45 - 147
1,2-Dibromoethane	10.0	11.1	111	83 - 124
1,2-Dichlorobenzene	10.0	9.89	98.9	79 - 123
1,2-Dichloroethane	10.0	10.1	101	73 - 130
1,2-Dichloropropane	10.0	10.0	100	78 - 126
1,3,5-Trimethylbenzene	10.0	9.70	97.0	80 - 131
1,3-Dichlorobenzene	10.0	9.60	96.0	86 - 122
1,4-Dichlorobenzene	10.0	9.64	96.4	85 - 124
2-Butanone	10.0	10.7	107	49 - 152
2-Hexanone	10.0	11.0	110	51 - 146
4-Methyl-2-pentanone	10.0	11.1	111	57 - 145
Acetone	10.0	10.9	109	40 - 150
Acrolein	10.0	13.6	136	10 - 153
Acrylonitrile	10.0	12.8	128	51 - 150
Benzene	10.0	10.4	104	85 - 126
Bromochloromethane	10.0	10.5	105	77 - 128
Bromodichloromethane	10.0	9.89	98.9	79 - 128
Bromoform	10.0	11.5	115	78 - 130
Bromomethane	10.0	7.51	75.1	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Matrix: Water
Batch: BH52261
Laboratory ID: BH52261-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	10.2	102	68 - 146
Carbon tetrachloride	10.0	9.77	97.7	77 - 130
Chlorobenzene	10.0	10.1	101	88 - 120
Chloroethane	10.0	10.4	104	65 - 136
Chloroform	10.0	10.0	100	82 - 128
Chloromethane	10.0	7.49	74.9	43 - 155
cis-1,2-Dichloroethylene	10.0	10.1	101	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103	80 - 130
Cyclohexane	10.0	9.87	98.7	70 - 130
Dibromochloromethane	10.0	10.7	107	80 - 130
Dibromomethane	10.0	10.3	103	72 - 134
Dichlorodifluoromethane	10.0	5.15	51.5	44 - 144
Ethyl Benzene	10.0	10.2	102	80 - 130
Hexachlorobutadiene	10.0	8.05	80.5	67 - 146
Isopropylbenzene	10.0	9.65	96.5	76 - 130
Methyl acetate	10.0	18.2	182 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.1	121	76 - 130
Methylcyclohexane	10.0	9.38	93.8	72 - 130
Methylene chloride	10.0	10.1	101	70 - 130
n-Butylbenzene	10.0	9.18	91.8	79 - 132
n-Propylbenzene	10.0	9.44	94.4	78 - 133
o-Xylene	10.0	10.6	106	78 - 130
p- & m- Xylenes	20.0	20.5	103	77 - 130
p-Isopropyltoluene	10.0	9.54	95.4	81 - 136
sec-Butylbenzene	10.0	9.51	95.1	79 - 137
Styrene	10.0	10.2	102	70 - 130
tert-Butyl alcohol (TBA)	50.0	56.9	114	25 - 162
tert-Butylbenzene	10.0	9.71	97.1	77 - 138
Tetrachloroethylene	10.0	6.59	65.9 *	82 - 130
Toluene	10.0	10.0	100	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.9	109	80 - 130
trans-1,3-Dichloropropylene	10.0	10.4	104	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.79	97.9	63 - 141
Trichloroethylene	10.0	9.23	92.3	82 - 128
Trichlorofluoromethane	10.0	9.35	93.5	67 - 139
Vinyl Chloride	10.0	8.81	88.1	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.0983	30	82 - 126
1,1,1-Trichloroethane	10.0	10.3	103	2.17	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	3.76	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	4.19	20	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	1.97	20	82 - 123
1,1-Dichloroethane	10.0	10.3	103	3.64	20	82 - 129
1,1-Dichloroethylene	10.0	10.8	108	4.44	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.1	111	1.54	20	76 - 130
1,2,3-Trichloropropane	10.0	10.5	105	0.191	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.7	107	4.21	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	4.25	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	11.5	115	0.694	20	45 - 147
1,2-Dibromoethane	10.0	10.8	108	2.47	20	83 - 124
1,2-Dichlorobenzene	10.0	10.1	101	2.20	20	79 - 123
1,2-Dichloroethane	10.0	10.1	101	0.494	20	73 - 130
1,2-Dichloropropane	10.0	10.3	103	2.95	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.1	101	4.04	30	80 - 131
1,3-Dichlorobenzene	10.0	9.92	99.2	3.28	20	86 - 122
1,4-Dichlorobenzene	10.0	10.1	101	4.36	20	85 - 124
2-Butanone	10.0	10.1	101	5.38	20	49 - 152
2-Hexanone	10.0	10.7	107	2.96	20	51 - 146
4-Methyl-2-pentanone	10.0	10.9	109	2.28	20	57 - 145
Acetone	10.0	9.89	98.9	9.81	20	40 - 150
Acrolein	10.0	12.5	125	8.14	30	10 - 153
Acrylonitrile	10.0	12.1	121	5.71	30	51 - 150
Benzene	10.0	10.5	105	1.63	20	85 - 126
Bromochloromethane	10.0	10.6	106	1.42	20	77 - 128
Bromodichloromethane	10.0	10.0	100	1.31	20	79 - 128
Bromoform	10.0	11.1	111	3.46	20	78 - 130
Bromomethane	10.0	8.53	85.3	12.7	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	10.6	106		3.96	20	68 - 146
Carbon tetrachloride	10.0	10.1	101		2.92	20	77 - 130
Chlorobenzene	10.0	10.2	102		0.884	20	88 - 120
Chloroethane	10.0	10.9	109		4.32	20	65 - 136
Chloroform	10.0	10.1	101		0.696	20	82 - 128
Chloromethane	10.0	7.75	77.5		3.41	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.5	105		3.30	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.5	105		1.83	20	80 - 130
Cyclohexane	10.0	10.2	102		3.48	20	70 - 130
Dibromochloromethane	10.0	10.5	105		1.80	20	80 - 130
Dibromomethane	10.0	10.2	102		0.681	30	72 - 134
Dichlorodifluoromethane	10.0	5.18	51.8		0.581	20	44 - 144
Ethyl Benzene	10.0	10.4	104		1.75	20	80 - 130
Hexachlorobutadiene	10.0	8.03	80.3		0.249	30	67 - 146
Isopropylbenzene	10.0	10.2	102		5.35	20	76 - 130
Methyl acetate	10.0	18.8	188	*	3.19	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.7	117		3.36	20	76 - 130
Methylcyclohexane	10.0	9.71	97.1		3.46	20	72 - 130
Methylene chloride	10.0	10.2	102		1.48	20	70 - 130
n-Butylbenzene	10.0	9.44	94.4		2.79	30	79 - 132
n-Propylbenzene	10.0	9.93	99.3		5.06	30	78 - 133
o-Xylene	10.0	10.8	108		1.12	20	78 - 130
p- & m- Xylenes	20.0	20.9	104		1.55	20	77 - 130
p-Isopropyltoluene	10.0	9.80	98.0		2.69	30	81 - 136
sec-Butylbenzene	10.0	9.83	98.3		3.31	30	79 - 137
Styrene	10.0	10.3	103		0.779	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	54.0	108		5.10	30	25 - 162
tert-Butylbenzene	10.0	9.98	99.8		2.74	30	77 - 138
Tetrachloroethylene	10.0	6.67	66.7	*	1.21	20	82 - 130
Toluene	10.0	10.3	103		2.65	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water		
Batch:	BH52261	Laboratory ID:	BH52261-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	11.2	112	2.72	20	80 - 130
trans-1,3-Dichloropropylene	10.0	10.6	106	2.01	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.79	97.9	0.00	30	63 - 141
Trichloroethylene	10.0	9.63	96.3	4.24	20	82 - 128
Trichlorofluoromethane	10.0	9.67	96.7	3.36	20	67 - 139
Vinyl Chloride	10.0	9.03	90.3	2.47	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Batch: BH52261 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-10 (20252708)	25H1840-01	V10C14889.D	08/30/25 09:00	
MW-11R (20252708)	25H1840-02	V10C14890.D	08/30/25 09:00	
MW-13R (20252708)	25H1840-03	V10C14891.D	08/30/25 09:00	
MW-14 (20252708)	25H1840-04	V10C14892.D	08/30/25 09:00	
EB (20252708)	25H1840-05	V10C14893.D	08/30/25 09:00	
TB (20252708)	25H1840-06	V10C14884.D	08/30/25 09:00	
MW-15 (20252708)	25H1840-07	V10C14894.D	08/30/25 09:00	
Blank	BH52261-BLK1	V10C14882.D	08/30/25 09:23	
LCS	BH52261-BS1	V10C14879.D	08/30/25 09:23	
LCS Dup	BH52261-BSD1	V10C14880.D	08/30/25 09:23	
MW-14 (20252708)	BH52261-MS1	V10C14899.D	08/30/25 09:23	25H1840-04 B
MW-14 (20252708)	BH52261-MSD1	V10C14900.D	08/30/25 09:23	25H1840-04 C

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.77	97.7	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	262942	11.985	273033	11.991	
ISTD: Chlorobenzene-d5	154219	8.992	149210	8.992	
ISTD: Fluorobenzene	112694	5.956	107041	5.962	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Lab File ID:	V10C14728.D	Injection Date:	08/27/25
Instrument ID:	VOA No. 10	Injection Time:	15:56
Sequence:	S5H2801	Lab Sample ID:	S5H2801-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.8	PASS
75	30 - 60% of 95	49.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.59	PASS
173	Less than 2% of 174	0.314	PASS
174	50 - 100% of 95	82.4	PASS
175	5 - 9% of 174	6.86	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 10% of 176	6.25	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Lab File ID:	V10C14877.D	Injection Date:	08/30/25
Instrument ID:	VOA No. 10	Injection Time:	21:32
Sequence:	S5I0205	Lab Sample ID:	S5I0205-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.3	PASS
75	30 - 60% of 95	42.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.88	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	83.2	PASS
175	5 - 9% of 174	7.12	PASS
176	95 - 101% of 174	96.9	PASS
177	5 - 10% of 176	8.23	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Sequence:	S5H2801	Instrument:	VOA No. 10
		Calibration:	SH50062

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5H2801-TUN1	V10C14728.D	08/27/25 15:56
Cal Standard	S5H2801-CAL1	V10C14729.D	08/27/25 16:24
Cal Standard	S5H2801-CAL2	V10C14730.D	08/27/25 16:53
Cal Standard	S5H2801-CAL3	V10C14731.D	08/27/25 17:21
Cal Standard	S5H2801-CAL4	V10C14732.D	08/27/25 17:50
Cal Standard	S5H2801-CAL5	V10C14733.D	08/27/25 18:18
Cal Standard	S5H2801-CAL6	V10C14734.D	08/27/25 18:47
Cal Standard	S5H2801-CAL7	V10C14735.D	08/27/25 19:15
Cal Standard	S5H2801-CAL8	V10C14736.D	08/27/25 19:44
Cal Standard	S5H2801-CAL9	V10C14737.D	08/27/25 20:12
Cal Standard	S5H2801-CALA	V10C14738.D	08/27/25 20:41
Secondary Cal Check	S5H2801-SCV1	V10C14740.D	08/27/25 21:38

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Sequence:	S5I0205	Instrument:	VOA No. 10
		Calibration:	SH50062

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I0205-TUN1	V10C14877.D	08/30/25 21:32
Calibration Check	S5I0205-CCV1	V10C14878.D	08/30/25 22:00
LCS	BH52261-BS1	V10C14879.D	08/30/25 22:29
LCS Dup	BH52261-BSD1	V10C14880.D	08/30/25 22:57
Blank	BH52261-BLK1	V10C14882.D	08/30/25 23:54
TB (20252708)	25H1840-06	V10C14884.D	08/31/25 00:52
MW-10 (20252708)	25H1840-01	V10C14889.D	08/31/25 03:14
MW-11R (20252708)	25H1840-02	V10C14890.D	08/31/25 03:43
MW-13R (20252708)	25H1840-03	V10C14891.D	08/31/25 04:11
MW-14 (20252708)	25H1840-04	V10C14892.D	08/31/25 04:40
EB (20252708)	25H1840-05	V10C14893.D	08/31/25 05:09
MW-15 (20252708)	25H1840-07	V10C14894.D	08/31/25 05:37
MW-14 (20252708)	BH52261-MS1	V10C14899.D	08/31/25 08:00
MW-14 (20252708)	BH52261-MSD1	V10C14900.D	08/31/25 08:29

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5H2801 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5H2801-CAL1)			Lab File ID: V10C14729.D			Analyzed: 08/27/25 16:24			
ISTD: Fluorobenzene	91676	5.961	105813	5.955	87	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	124940	8.991	142496	8.997	88	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216322	11.985	224800	11.985	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL2)			Lab File ID: V10C14730.D			Analyzed: 08/27/25 16:53			
ISTD: Fluorobenzene	89551	5.955	105813	5.955	85	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	123708	8.991	142496	8.997	87	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	218208	11.991	224800	11.985	97	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL3)			Lab File ID: V10C14731.D			Analyzed: 08/27/25 17:21			
ISTD: Fluorobenzene	90361	5.961	105813	5.955	85	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	122199	8.991	142496	8.997	86	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	211341	11.991	224800	11.985	94	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL4)			Lab File ID: V10C14732.D			Analyzed: 08/27/25 17:50			
ISTD: Fluorobenzene	89114	5.961	105813	5.955	84	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	124840	8.991	142496	8.997	88	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216719	11.985	224800	11.985	96	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL5)			Lab File ID: V10C14733.D			Analyzed: 08/27/25 18:18			
ISTD: Fluorobenzene	95370	5.956	105813	5.955	90	50 - 200	0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	132609	8.992	142496	8.997	93	50 - 200	-0.0050	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	224126	11.991	224800	11.985	100	50 - 200	0.0060	+/-0.50	
Cal Standard (S5H2801-CAL6)			Lab File ID: V10C14734.D			Analyzed: 08/27/25 18:47			
ISTD: Fluorobenzene	95817	5.961	105813	5.955	91	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	138959	8.991	142496	8.997	98	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	226196	11.985	224800	11.985	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL7)			Lab File ID: V10C14735.D			Analyzed: 08/27/25 19:15			
ISTD: Fluorobenzene	105813	5.955	105813	5.955	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	142496	8.997	142496	8.997	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	224800	11.985	224800	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL8)			Lab File ID: V10C14736.D			Analyzed: 08/27/25 19:44			
ISTD: Fluorobenzene	94782	5.961	105813	5.955	90	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	130344	8.991	142496	8.997	91	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	235115	11.985	224800	11.985	105	50 - 200	0.0000	+/-0.50	
Cal Standard (S5H2801-CAL9)			Lab File ID: V10C14737.D			Analyzed: 08/27/25 20:12			
ISTD: Fluorobenzene	103150	5.961	105813	5.955	97	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	153995	8.991	142496	8.997	108	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	238322	11.991	224800	11.985	106	50 - 200	0.0060	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5H2801 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5H2801-CALA)			Lab File ID: V10C14738.D			Analyzed: 08/27/25 20:41			
ISTD: Fluorobenzene	103580	5.961	105813	5.955	98	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	140420	8.991	142496	8.997	99	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	251722	11.991	224800	11.985	112	50 - 200	0.0060	+/-0.50	
Secondary Cal Check (S5H2801-SCV1)			Lab File ID: V10C14740.D			Analyzed: 08/27/25 21:38			
ISTD: Fluorobenzene	105894	5.961	105813	5.955	100	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	144447	8.991	142496	8.997	101	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	251242	11.985	224800	11.985	112	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840
Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205 Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5I0205-CCV1)			Lab File ID: V10C14878.D			Analyzed: 08/30/25 22:00			
ISTD: Fluorobenzene	107041	5.962				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	149210	8.992				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	273033	11.991				50 - 200		+/-0.50	
LCS (BH52261-BS1)			Lab File ID: V10C14879.D			Analyzed: 08/30/25 22:29			
ISTD: Fluorobenzene	108439	5.962	107041	5.962	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155232	8.998	149210	8.992	104	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	280140	11.991	273033	11.991	103	50 - 200	0.0000	+/-0.50	
LCS Dup (BH52261-BSD1)			Lab File ID: V10C14880.D			Analyzed: 08/30/25 22:57			
ISTD: Fluorobenzene	111993	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	158073	8.991	149210	8.992	106	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	270273	11.985	273033	11.991	99	50 - 200	-0.0060	+/-0.50	
Blank (BH52261-BLK1)			Lab File ID: V10C14882.D			Analyzed: 08/30/25 23:54			
ISTD: Fluorobenzene	112694	5.956	107041	5.962	105	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	154219	8.992	149210	8.992	103	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	262942	11.985	273033	11.991	96	50 - 200	-0.0060	+/-0.50	
TB (20252708) (25H1840-06)			Lab File ID: V10C14884.D			Analyzed: 08/31/25 00:52			
ISTD: Fluorobenzene	115216	5.955	107041	5.962	108	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	157022	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	269508	11.991	273033	11.991	99	50 - 200	0.0000	+/-0.50	
MW-10 (20252708) (25H1840-01)			Lab File ID: V10C14889.D			Analyzed: 08/31/25 03:14			
ISTD: Fluorobenzene	112345	5.962	107041	5.962	105	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	157005	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	266793	11.991	273033	11.991	98	50 - 200	0.0000	+/-0.50	
MW-11R (20252708) (25H1840-02)			Lab File ID: V10C14890.D			Analyzed: 08/31/25 03:43			
ISTD: Fluorobenzene	112586	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	156288	8.991	149210	8.992	105	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	264265	11.991	273033	11.991	97	50 - 200	0.0000	+/-0.50	
MW-13R (20252708) (25H1840-03)			Lab File ID: V10C14891.D			Analyzed: 08/31/25 04:11			
ISTD: Fluorobenzene	112116	5.961	107041	5.962	105	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	151468	8.991	149210	8.992	102	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	252644	11.991	273033	11.991	93	50 - 200	0.0000	+/-0.50	
MW-14 (20252708) (25H1840-04)			Lab File ID: V10C14892.D			Analyzed: 08/31/25 04:40			
ISTD: Fluorobenzene	112498	5.955	107041	5.962	105	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	155570	8.991	149210	8.992	104	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	259772	11.991	273033	11.991	95	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Sequence: S5I0205
Instrument: VOA No. 10
Calibration: SH50062

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
EB (20252708) (25H1840-05)			Lab File ID: V10C14893.D			Analyzed: 08/31/25 05:09			
ISTD: Fluorobenzene	111219	5.955	107041	5.962	104	50 - 200	-0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	153783	8.991	149210	8.992	103	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	256054	11.985	273033	11.991	94	50 - 200	-0.0060	+/-0.50	
MW-15 (20252708) (25H1840-07)			Lab File ID: V10C14894.D			Analyzed: 08/31/25 05:37			
ISTD: Fluorobenzene	109658	5.962	107041	5.962	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	146219	8.992	149210	8.992	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	220966	11.991	273033	11.991	81	50 - 200	0.0000	+/-0.50	
Matrix Spike (BH52261-MS1)			Lab File ID: V10C14899.D			Analyzed: 08/31/25 08:00			
ISTD: Fluorobenzene	115688	5.956	107041	5.962	108	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	160185	8.992	149210	8.992	107	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	262967	11.991	273033	11.991	96	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (BH52261-MSD1)			Lab File ID: V10C14900.D			Analyzed: 08/31/25 08:29			
ISTD: Fluorobenzene	119054	5.961	107041	5.962	111	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	163852	8.991	149210	8.992	110	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	272705	11.985	273033	11.991	100	50 - 200	-0.0060	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-10 (20252708)	08/27/25 11:35	08/27/25 21:55	08/30/25 09:00	2.89	14.00	08/31/25 03:14	3.65	14.00	
MW-11R (20252708)	08/27/25 10:30	08/27/25 21:55	08/30/25 09:00	2.94	14.00	08/31/25 03:43	3.72	14.00	
MW-13R (20252708)	08/27/25 10:10	08/27/25 21:55	08/30/25 09:00	2.95	14.00	08/31/25 04:11	3.75	14.00	
MW-14 (20252708)	08/27/25 09:25	08/27/25 21:55	08/30/25 09:00	2.98	14.00	08/31/25 04:40	3.80	14.00	
EB (20252708)	08/27/25 11:00	08/27/25 21:55	08/30/25 09:00	2.92	14.00	08/31/25 05:09	3.76	14.00	
TB (20252708)	08/27/25 00:00	08/27/25 21:55	08/30/25 09:00	3.38	14.00	08/31/25 00:52	4.04	14.00	
MW-15 (20252708)	08/27/25 12:40	08/27/25 21:55	08/30/25 09:00	2.85	14.00	08/31/25 05:37	3.71	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-01	File ID:	V10C14889.D
Sampled:	08/27/25 11:35	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 03:14
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	1.15	
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	15.0	
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-10 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-01	File ID:	V10C14889.D
Sampled:	08/27/25 11:35	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 03:14
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	0.470	J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.72	97.2	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	112345	5.962	107041	5.962	
ISTD: Chlorobenzene-d5	157005	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	266793	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14889.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 3:14 am
Operator : PMB
Sample : 25H1840-01 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

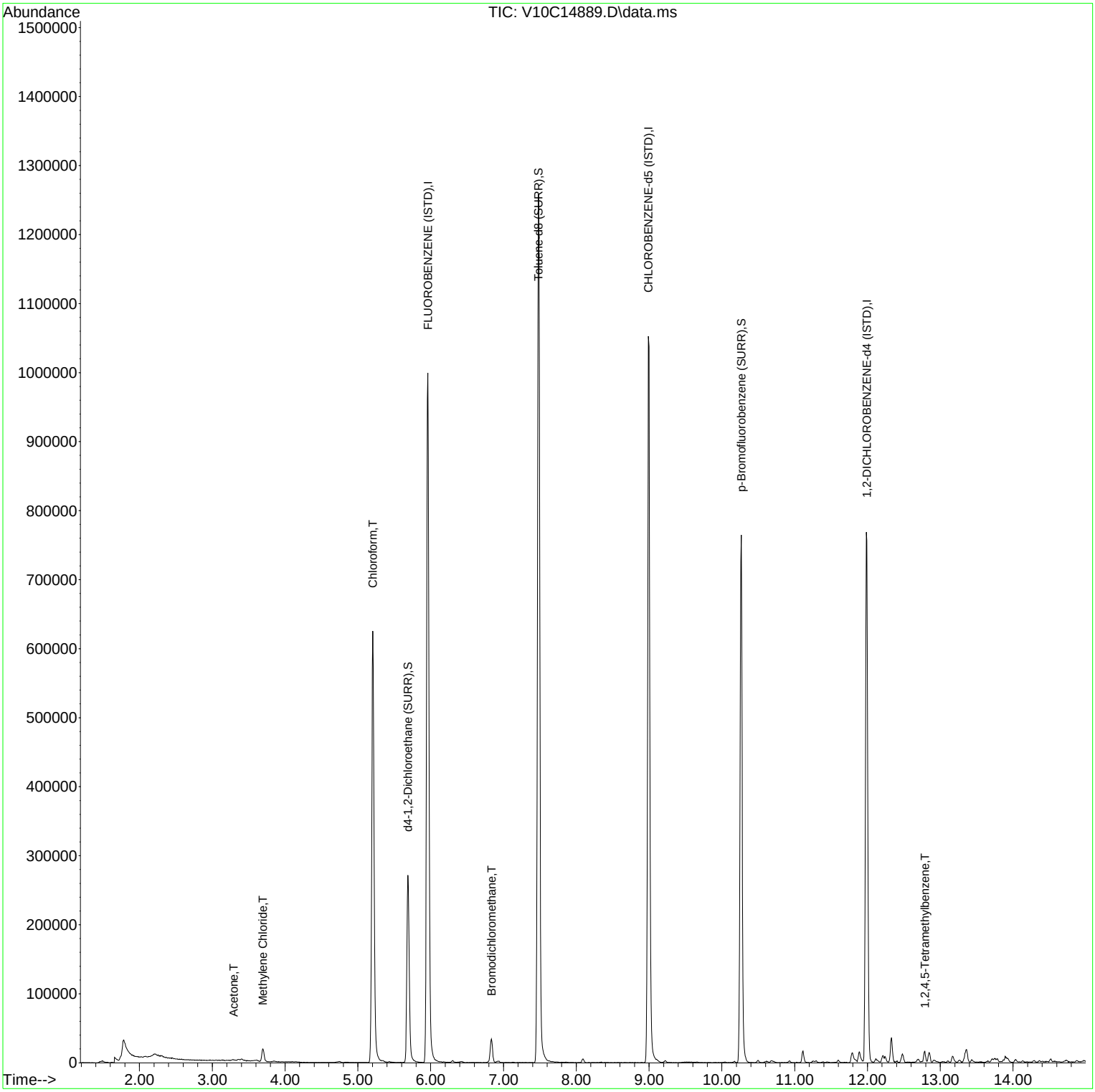
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	112345	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	157005	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	266793	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	210238	10.43	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.30%			
59) Toluene-d8 (SURR)	7.480	98	1044512	9.72	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 97.20%			
81) p-Bromofluorobenzene (...	10.266	95	334360	10.24	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.40%			
Target Compounds						Qvalue
17) Acetone	3.291	58	450	0.46	ppb	49
23) Methylene Chloride	3.694	49	13248	0.47	ppb	97
37) Chloroform	5.206	83	590845	15.04	ppb	100
52) Bromodichloromethane	6.833	83	28597	1.15	ppb	99
108) 1,2,4,5-Tetramethylben...	12.790	119	11698	0.25	ppb	95

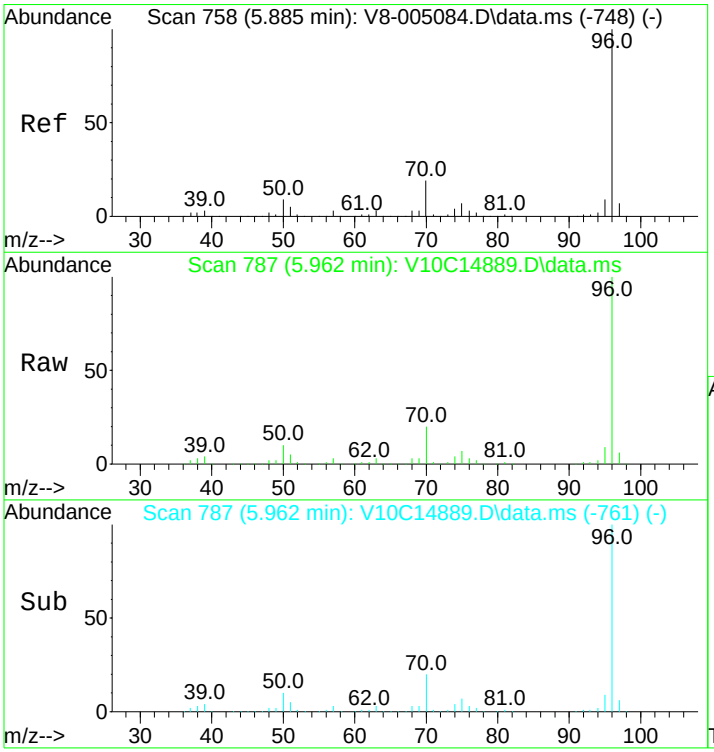
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14889.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 3:14 am
Operator : PMB
Sample : 25H1840-01 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

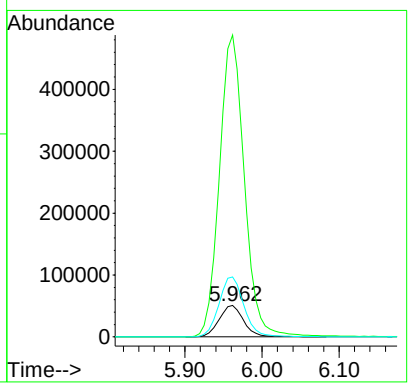


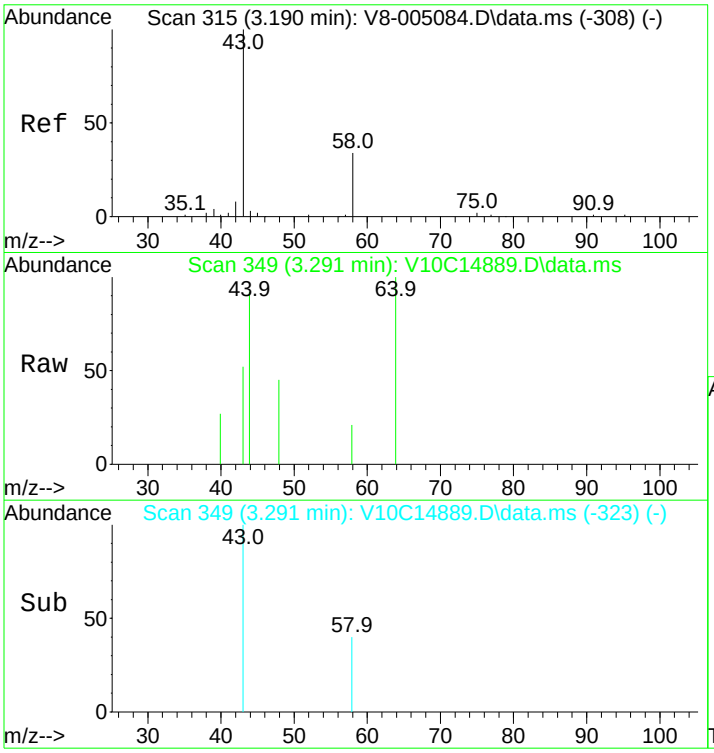


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.962 min Scan# 787
Delta R.T. 0.007 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 50 Resp: 112345

Ion	Ratio	Lower	Upper
50	100		
96	977.1	597.9	1241.7
70	194.9	117.9	244.9

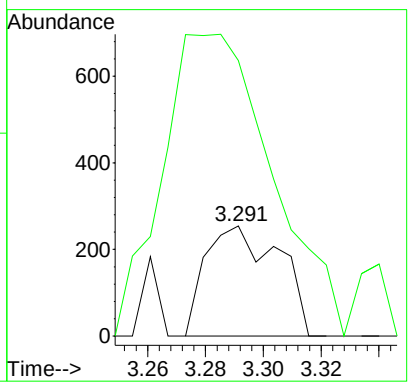


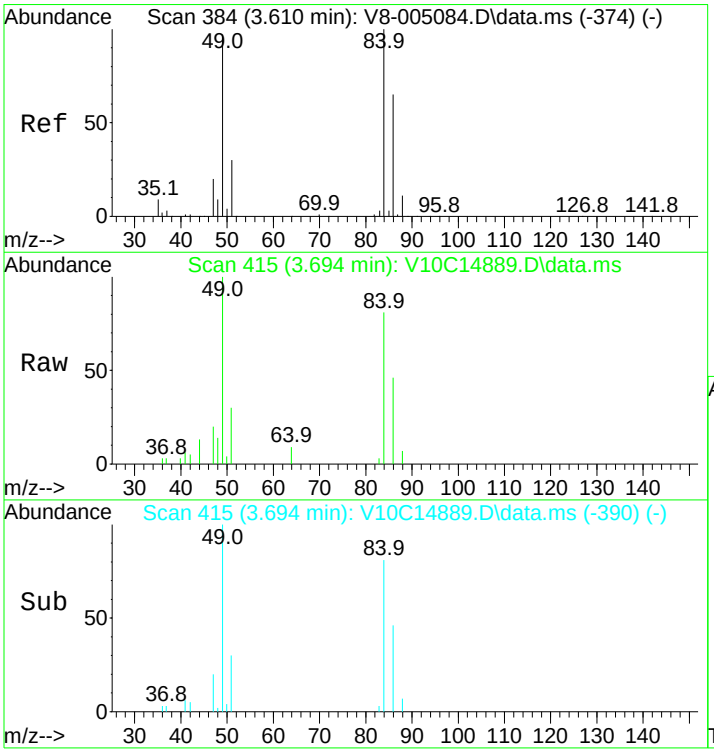


#17
Acetone
Concen: 0.46 ppb
RT: 3.291 min Scan# 349
Delta R.T. 0.006 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 58 Resp: 450

Ion	Ratio	Lower	Upper
58	100		
43	410.2	200.9	417.3

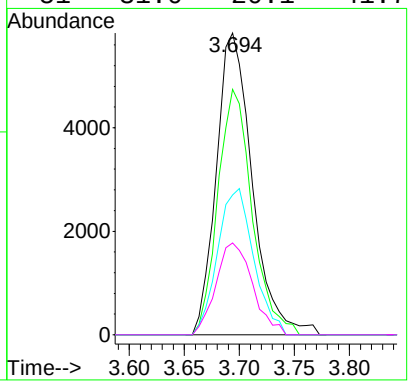


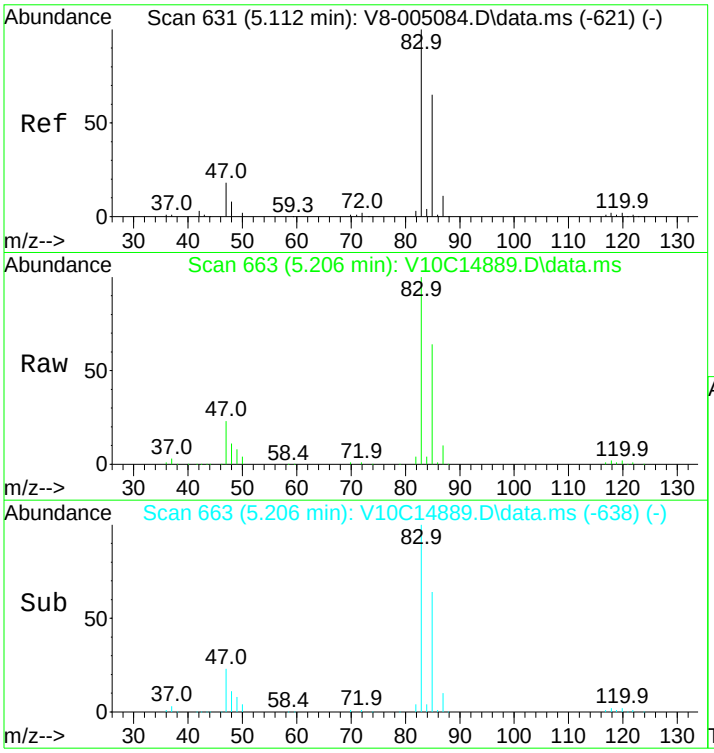


#23
Methylene Chloride
Concen: 0.47 ppb
RT: 3.694 min Scan# 415
Delta R.T. -0.000 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 49 Resp: 13248

Ion	Ratio	Lower	Upper
49	100		
84	77.5	52.4	108.8
86	48.5	33.1	68.9
51	31.0	20.1	41.7

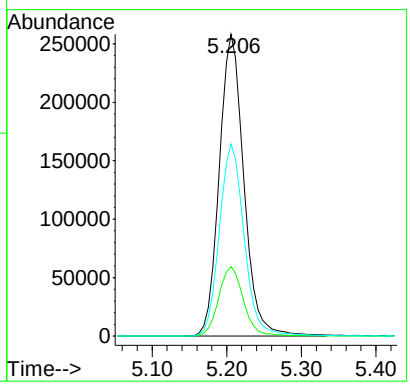


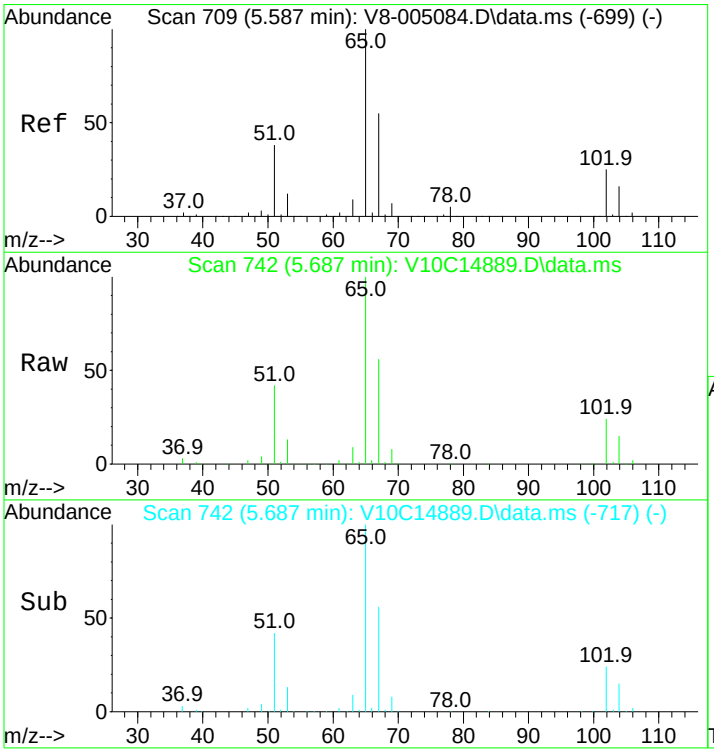


#37
Chloroform
Concen: 15.04 ppb
RT: 5.206 min Scan# 663
Delta R.T. 0.001 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 83 Resp: 590845

Ion	Ratio	Lower	Upper
83	100		
47	23.2	15.3	31.9
85	64.2	41.5	86.3

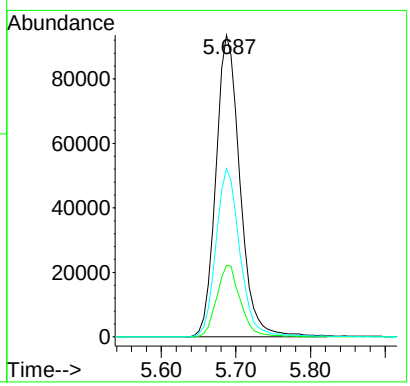


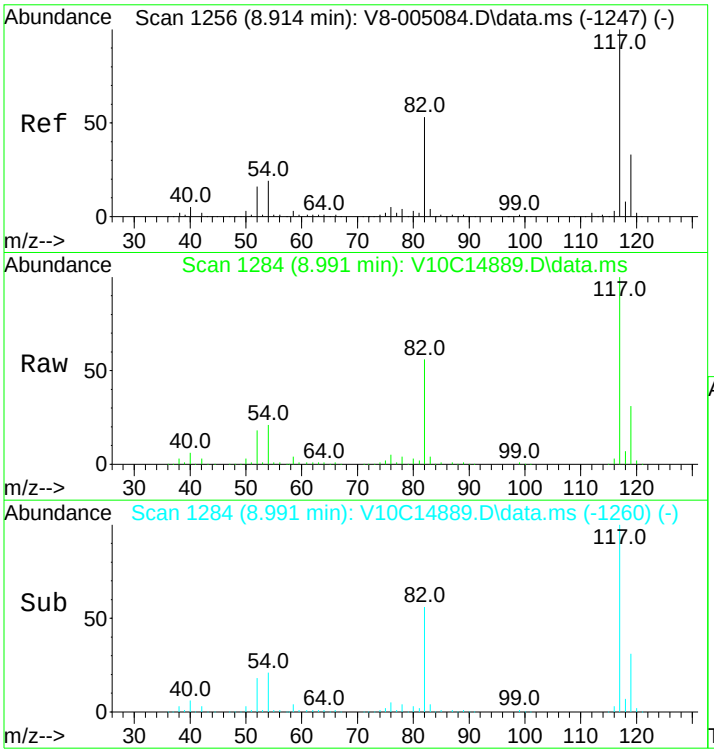


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.43 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 65 Resp: 210238

Ion	Ratio	Lower	Upper
65	100		
102	23.3	15.0	31.1
67	55.6	37.3	77.5

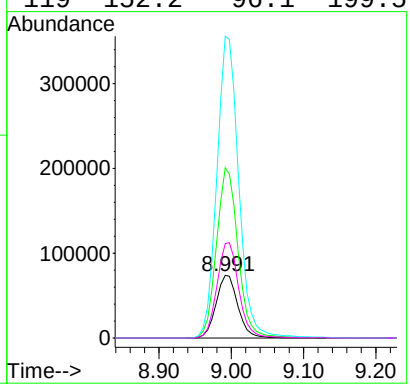


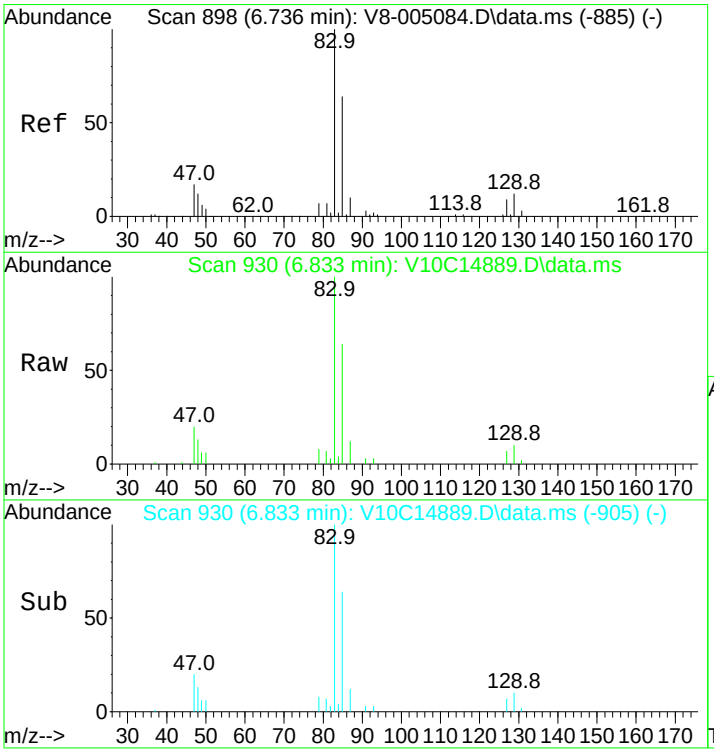


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 54 Resp: 157005

Ion	Ratio	Lower	Upper
54	100		
82	266.5	169.3	351.7
117	478.5	298.8	620.6
119	152.2	96.1	199.5

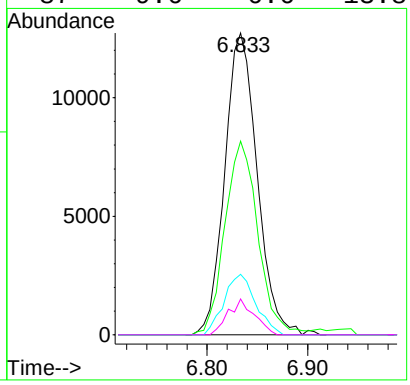


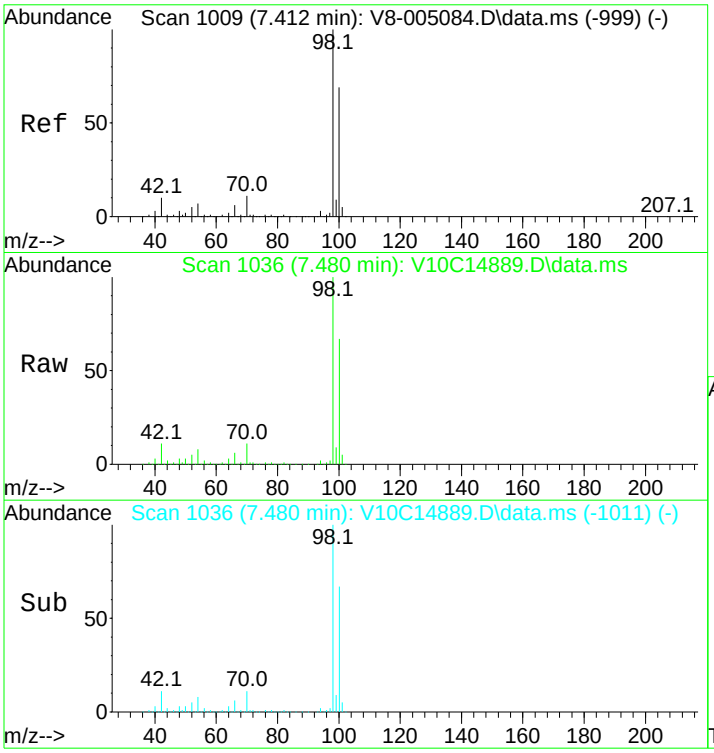


#52
Bromodichloromethane
Concen: 1.15 ppb
RT: 6.833 min Scan# 930
Delta R.T. 0.000 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 83 Resp: 28597

Ion	Ratio	Lower	Upper
83	100		
85	65.2	41.5	86.1
47	19.6	12.8	26.6
87	9.6	6.6	13.8

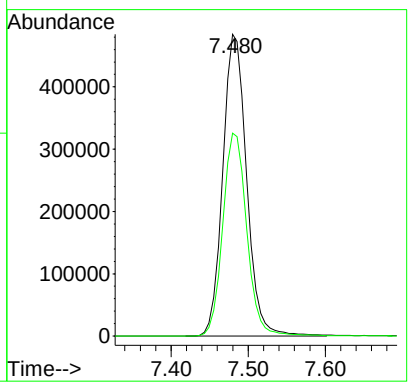


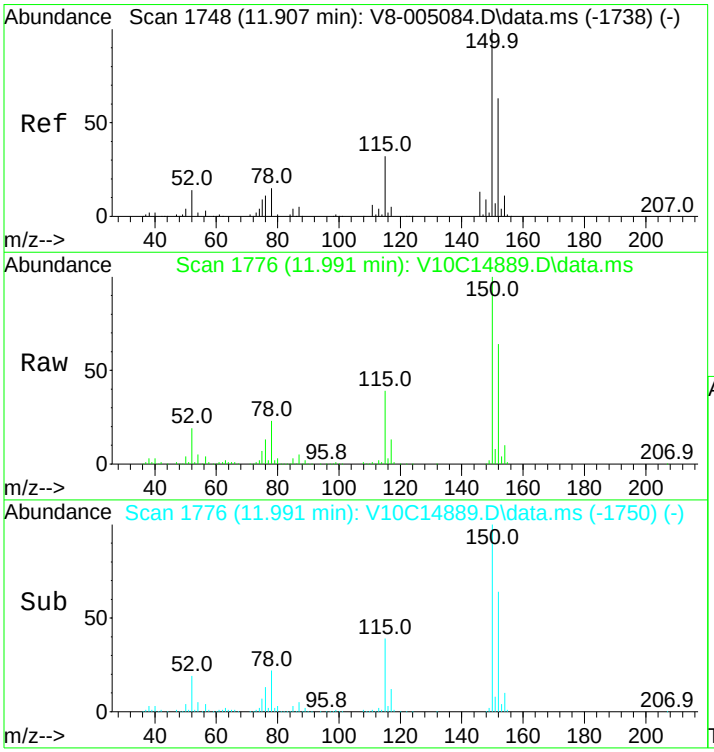


#59
Toluene-d8 (SURR)
Concen: 9.72 ppb
RT: 7.480 min Scan# 1036
Delta R.T. 0.001 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 98 Resp: 1044512

Ion	Ratio	Lower	Upper
98	100		
100	67.6	43.6	90.5

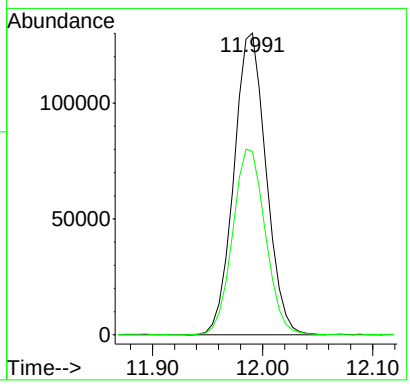


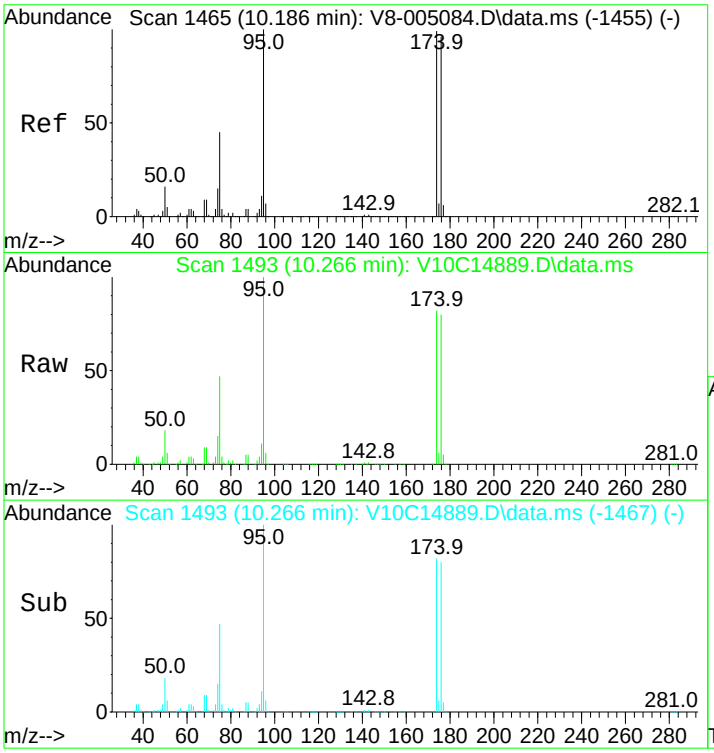


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion:152 Resp: 266793

Ion	Ratio	Lower	Upper
152	100		
115	62.7	40.2	83.4

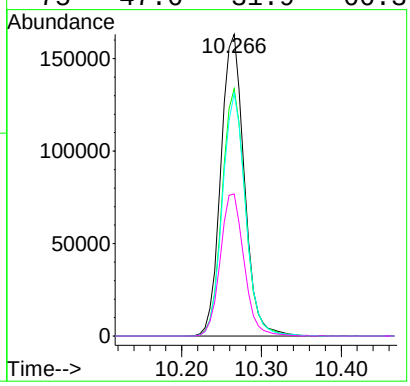


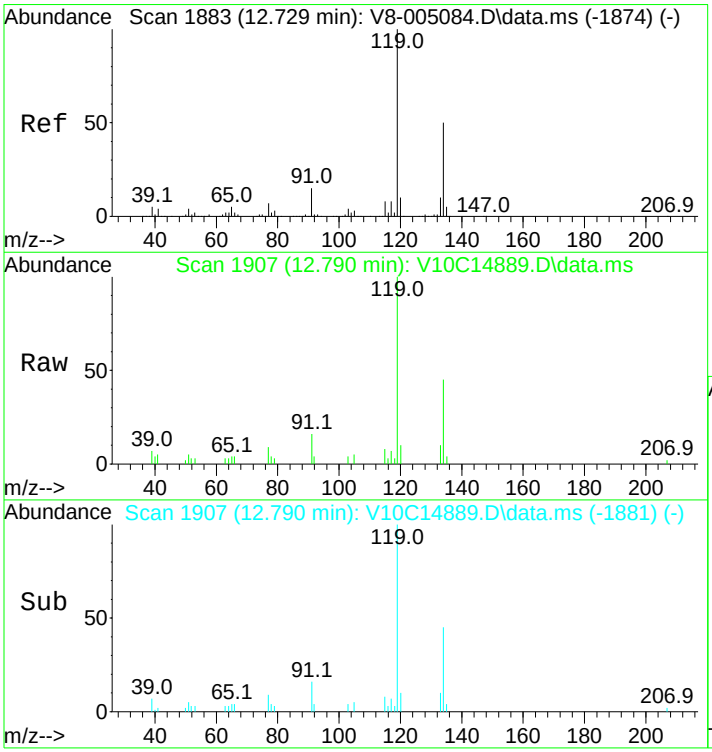


#81
p-Bromofluorobenzene (SURR)
Concen: 10.24 ppb
RT: 10.266 min Scan# 1493
Delta R.T. 0.007 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion: 95 Resp: 334360

Ion	Ratio	Lower	Upper
95	100		
174	81.2	51.9	107.9
176	79.1	50.9	105.7
75	47.6	31.9	66.3

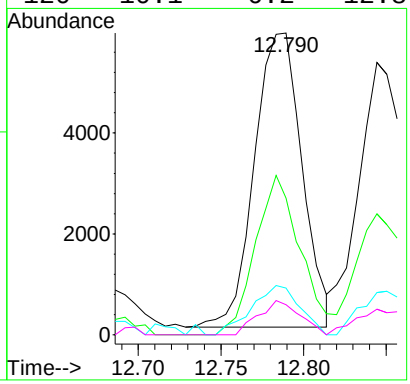




#108
1,2,4,5-Tetramethylbenzene
Concen: 0.25 ppb
RT: 12.790 min Scan# 1907
Delta R.T. 0.007 min
Lab File: V10C14889.D
Acq: 31 Aug 2025 3:14 am

Tgt Ion:119 Resp: 11698

Ion	Ratio	Lower	Upper
119	100		
134	51.9	31.3	64.9
91	17.0	9.8	20.3
120	10.1	6.2	12.8



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-11R (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-02	File ID:	V10C14890.D
Sampled:	08/27/25 10:30	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 03:43
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BH52261 Sequence: S5I0205 Calibration: SH50062 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	7.77	
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-11R (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-02	File ID:	V10C14890.D
Sampled:	08/27/25 10:30	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 03:43
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.65	96.5	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	112586	5.961	107041	5.962	
ISTD: Chlorobenzene-d5	156288	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	264265	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14890.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 3:43 am
Operator : PMB
Sample : 25H1840-02 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 72
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

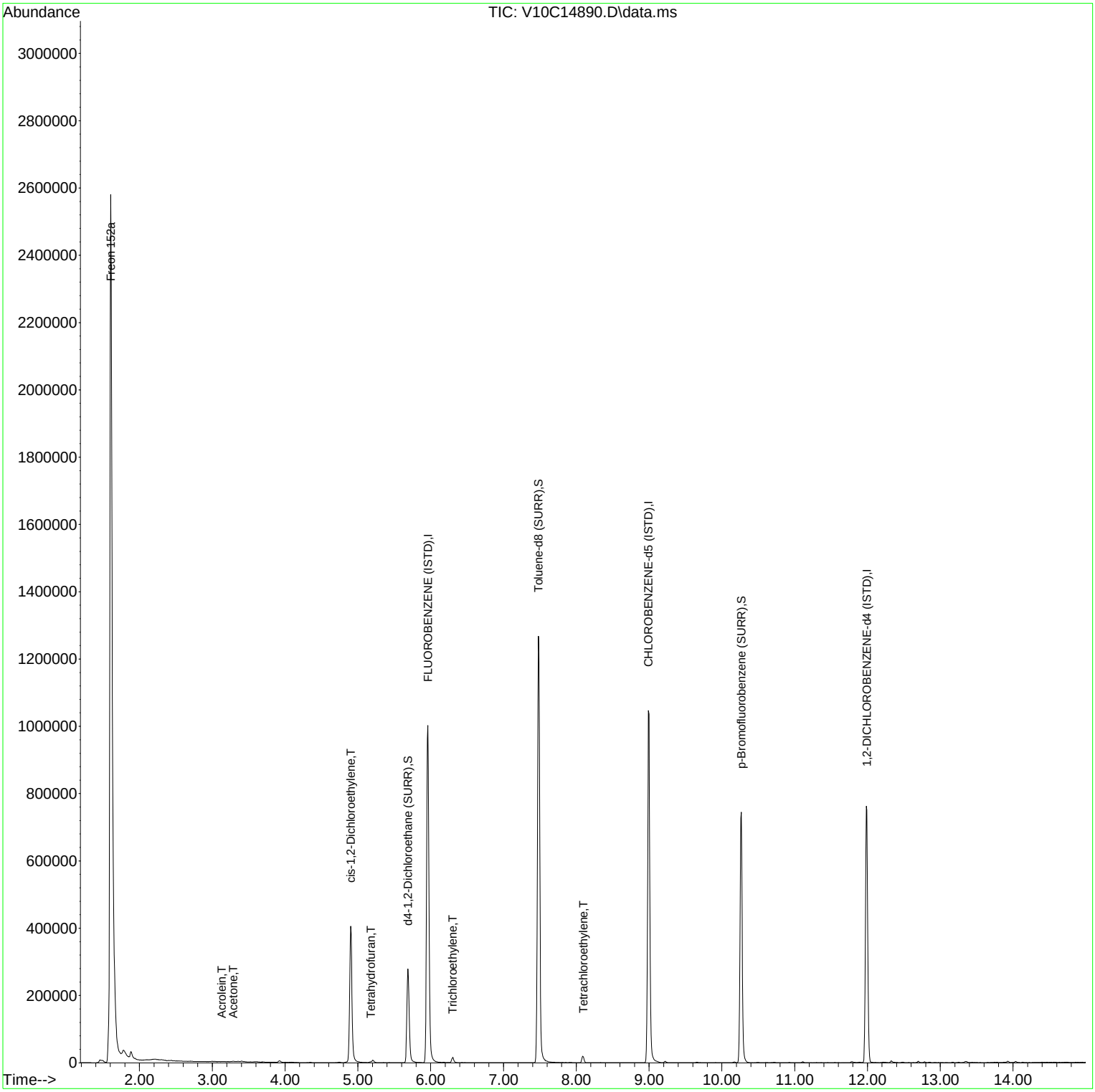
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	112586	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	156288	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	264265	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	210584	10.42	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.20%				
59) Toluene-d8 (SURR)	7.479	98	1032064	9.65	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.50%				
81) p-Bromofluorobenzene (...	10.265	95	330133	10.21	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.10%				
Target Compounds							Qvalue
3) Freon 152a	1.604	51	3155700	161.44	ppb		91
16) Acrolein	3.127	56	403	0.29	ppb		99
17) Acetone	3.285	58	477	0.49	ppb	#	37
32) cis-1,2-Dichloroethylene	4.901	61	283291	7.77	ppb		90
35) Tetrahydrofuran	5.175	71	293	0.30	ppb	#	1
48) Trichloroethylene	6.303	95	5979	0.23	ppb		97
66) Tetrachloroethylene	8.095	166	7827	0.19	ppb		95

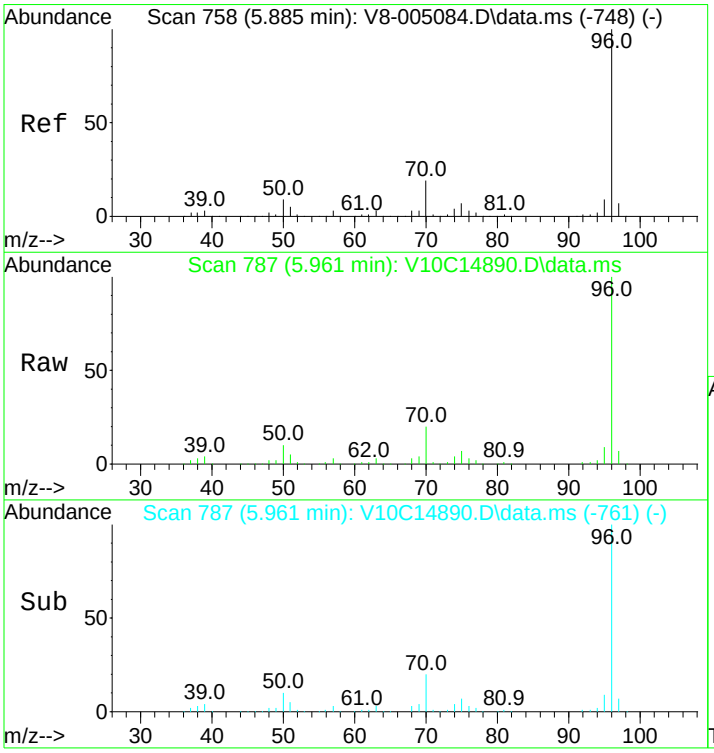
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14890.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 3:43 am
Operator : PMB
Sample : 25H1840-02 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 72
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

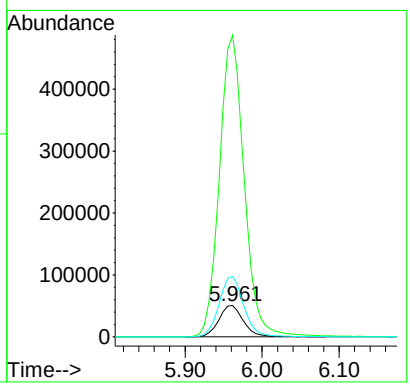


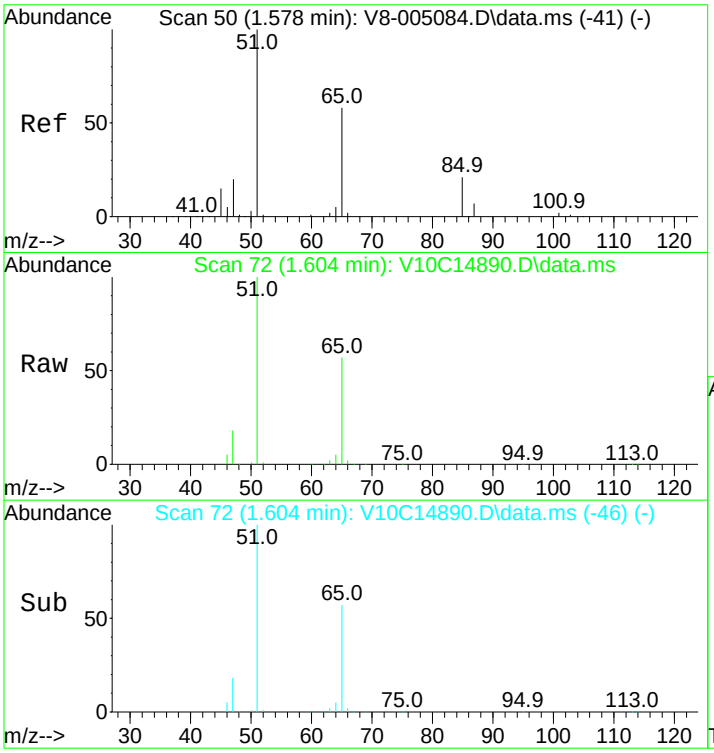


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.961 min Scan# 787
Delta R.T. 0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 50 Resp: 112586

Ion	Ratio	Lower	Upper
50	100		
96	968.9	597.9	1241.7
70	193.7	117.9	244.9

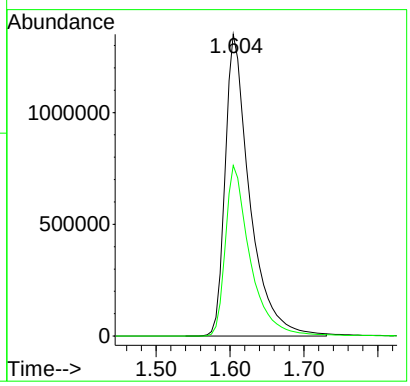


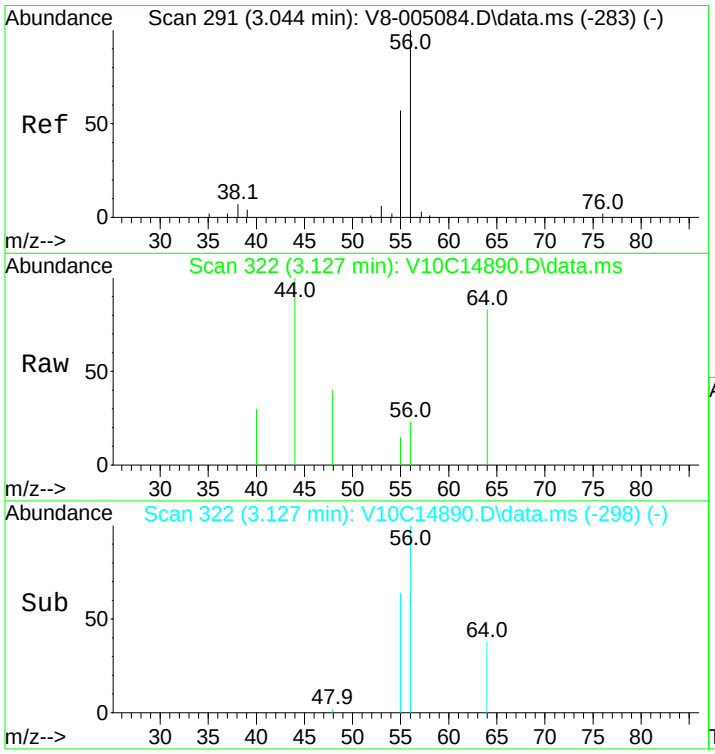


#3
Freon 152a
Concen: 161.44 ppb
RT: 1.604 min Scan# 72
Delta R.T. 0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 51 Resp: 3155700

Ion	Ratio	Lower	Upper
51	100		
65	56.6	31.6	95.0

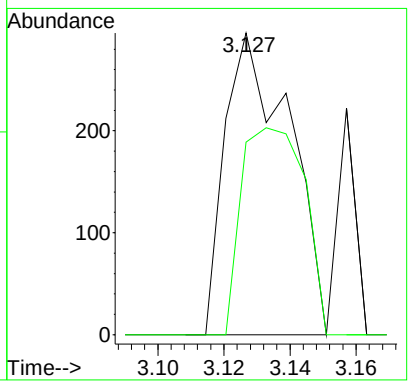


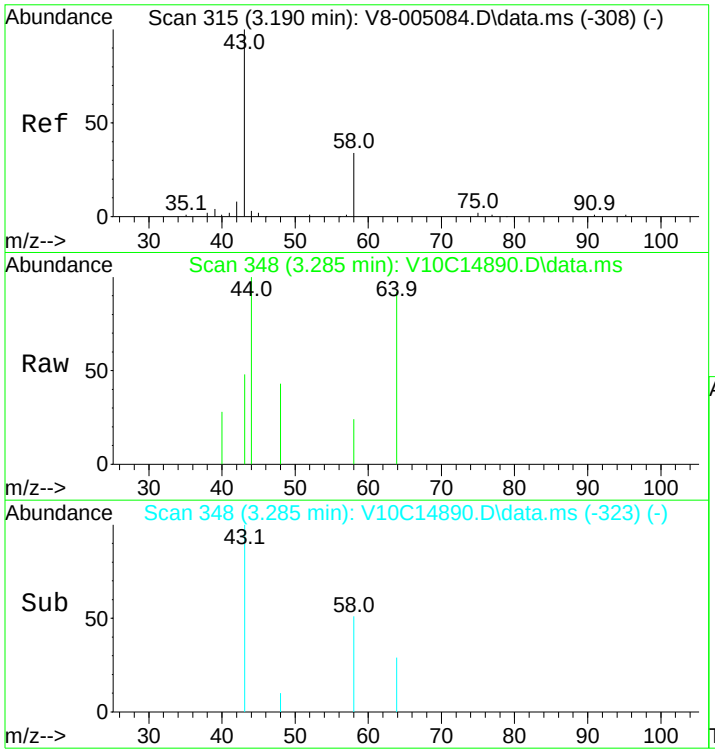


#16
Acrolein
Concen: 0.29 ppb
RT: 3.127 min Scan# 322
Delta R.T. -0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 56 Resp: 403

Ion	Ratio	Lower	Upper
56	100		
55	67.2	44.2	91.8

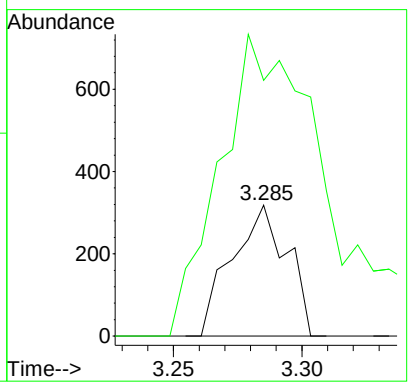


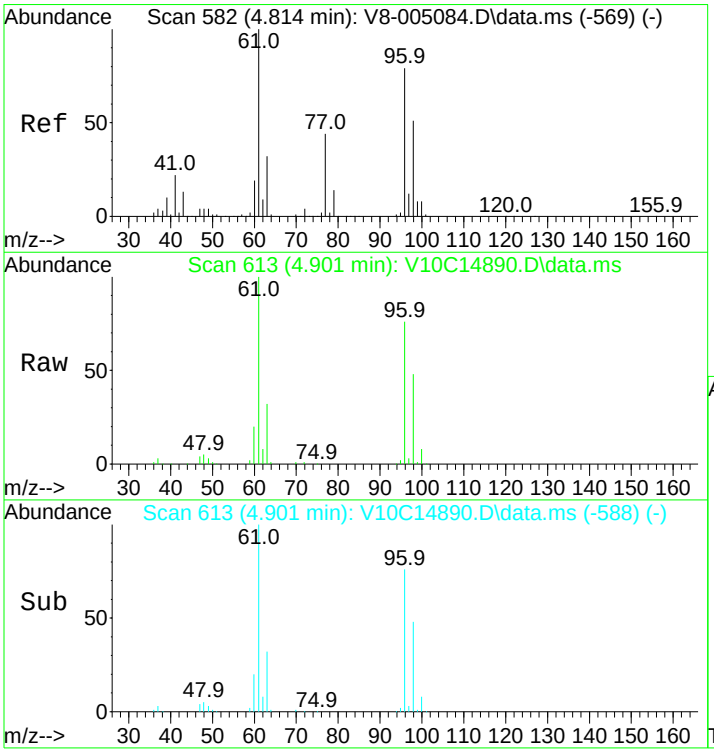


#17
Acetone
Concen: 0.49 ppb
RT: 3.285 min Scan# 348
Delta R.T. 0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 58 Resp: 477

Ion	Ratio	Lower	Upper
58	100		
43	435.4	200.9	417.3#

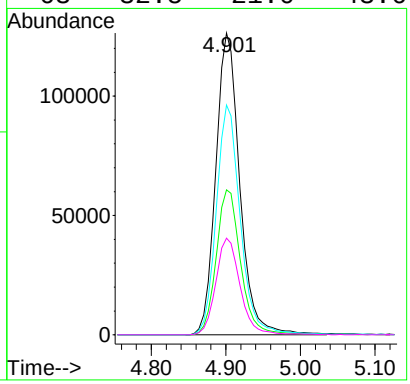


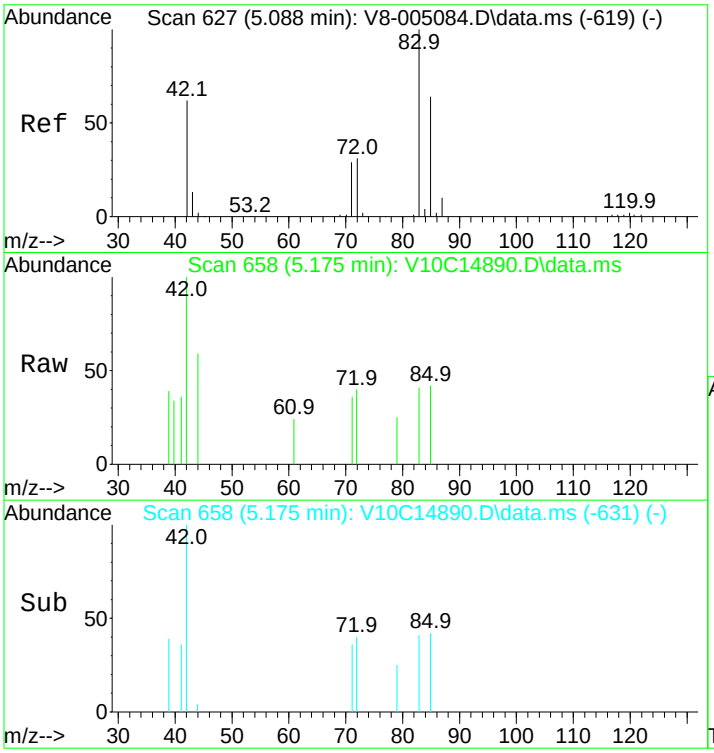


#32
cis-1,2-Dichloroethylene
Concen: 7.77 ppb
RT: 4.901 min Scan# 613
Delta R.T. -0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 61 Resp: 283291

Ion	Ratio	Lower	Upper
61	100		
98	48.8	27.2	56.6
96	76.0	42.6	88.4
63	32.5	21.0	43.6

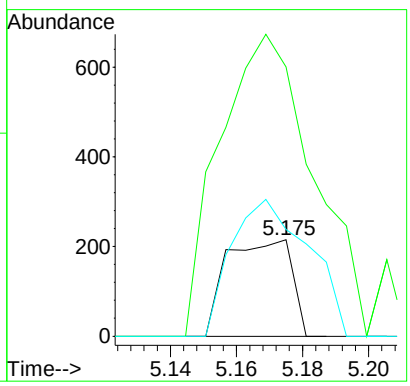


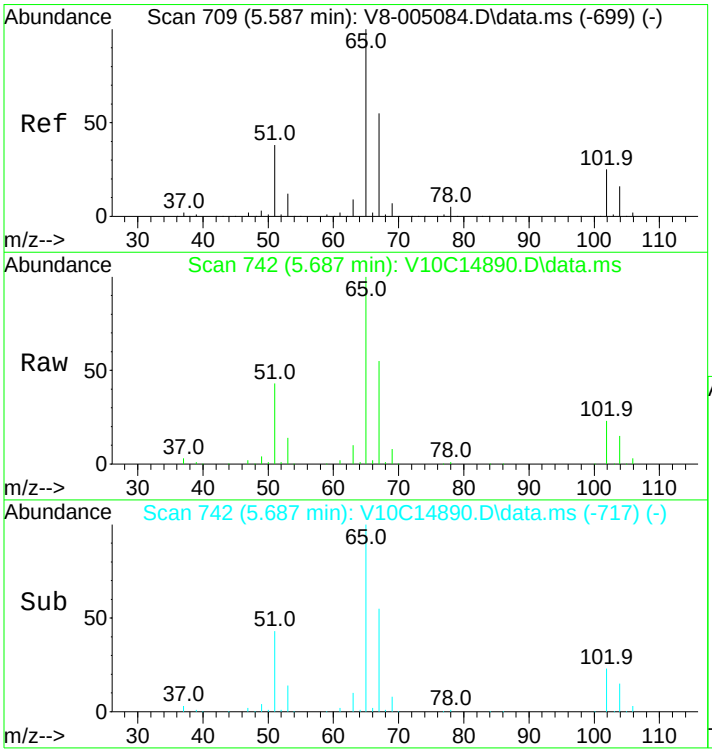


#35
Tetrahydrofuran
Concen: 0.30 ppb
RT: 5.175 min Scan# 658
Delta R.T. 0.012 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 71 Resp: 293

Ion	Ratio	Lower	Upper
71	100		
42	493.9	175.7	364.9#
72	169.6	72.3	150.1#

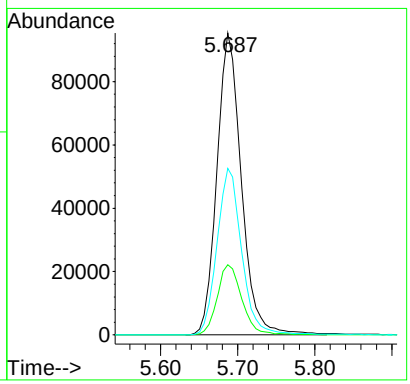


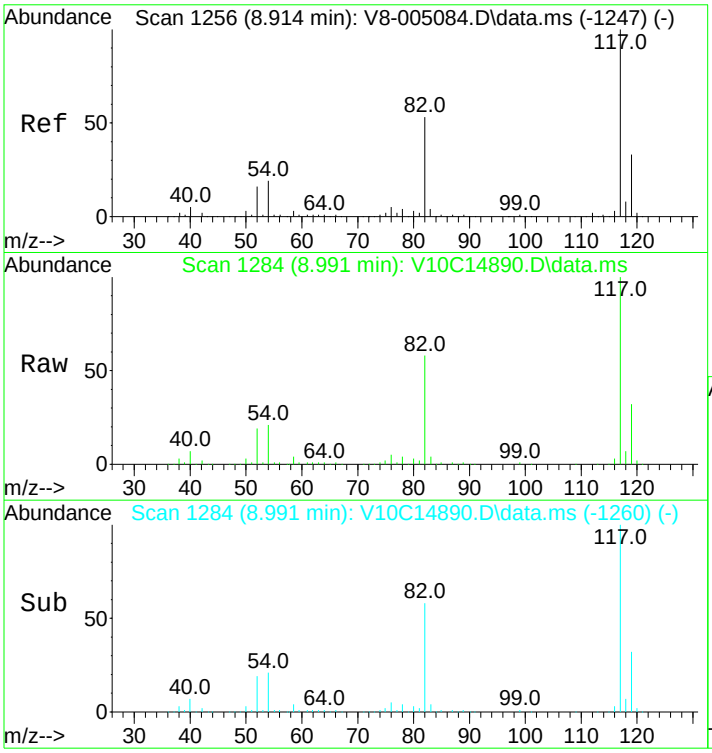


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.42 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 65 Resp: 210584

Ion	Ratio	Lower	Upper
65	100		
102	23.5	15.0	31.1
67	55.4	37.3	77.5

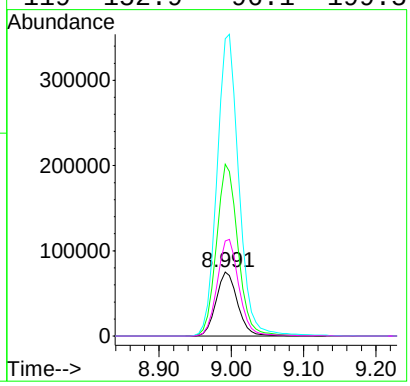


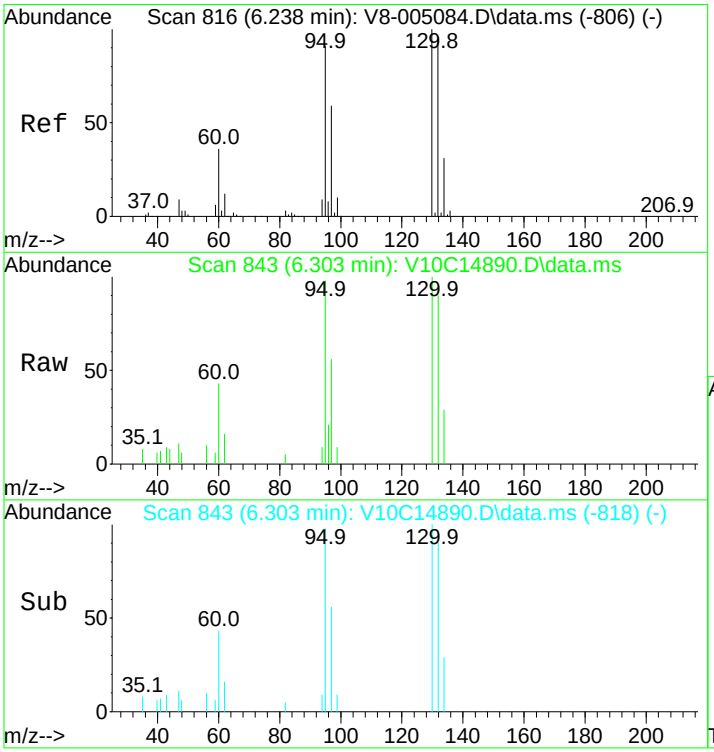


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 54 Resp: 156288

Ion	Ratio	Lower	Upper
54	100		
82	267.9	169.3	351.7
117	477.0	298.8	620.6
119	152.9	96.1	199.5

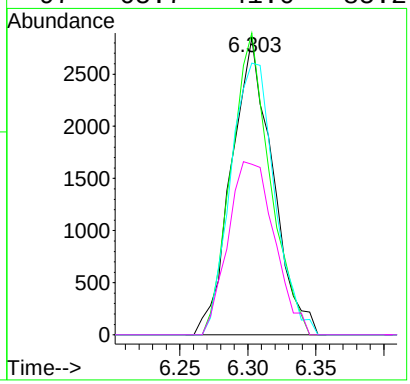


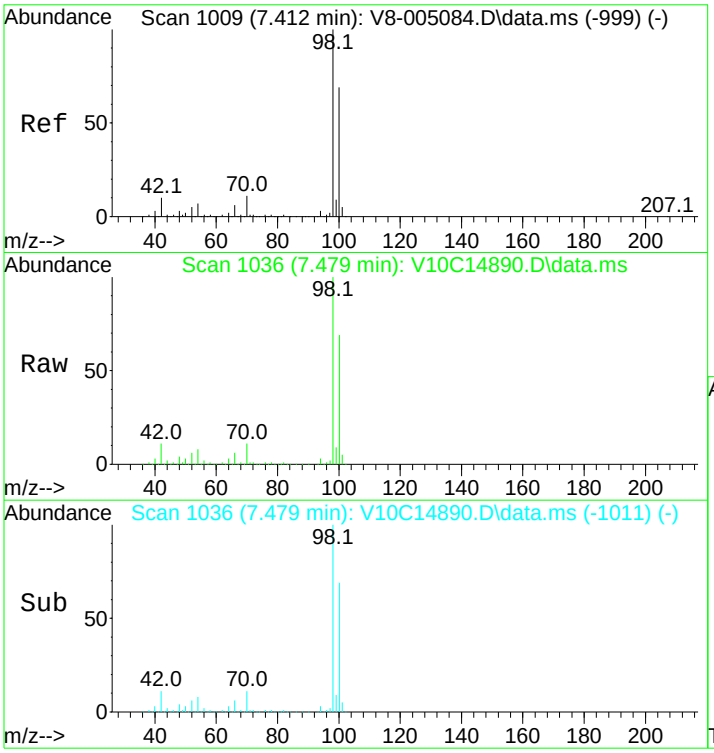


#48
Trichloroethylene
Concen: 0.23 ppb
RT: 6.303 min Scan# 843
Delta R.T. -0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 95 Resp: 5979

Ion	Ratio	Lower	Upper
95	100		
130	96.1	64.4	133.8
132	97.6	61.7	128.1
97	65.7	41.0	85.2

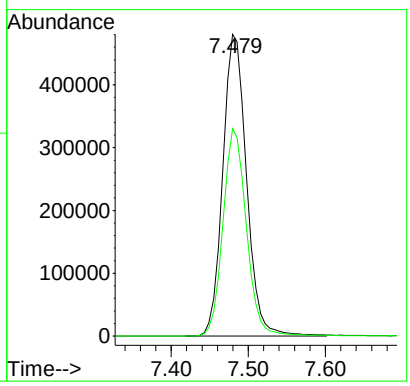


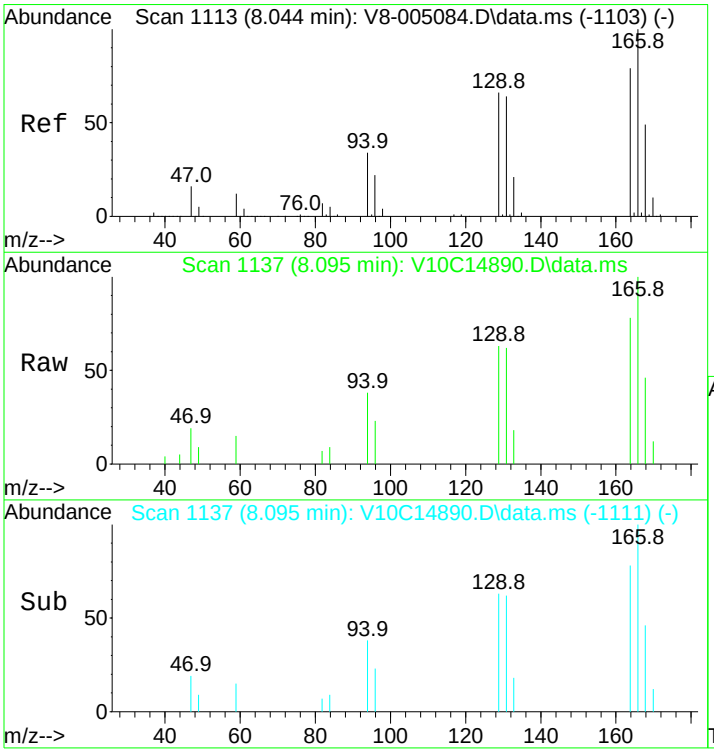


#59
Toluene-d8 (SURR)
Concen: 9.65 ppb
RT: 7.479 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 98 Resp: 1032064

Ion	Ratio	Lower	Upper
98	100		
100	67.5	43.6	90.5

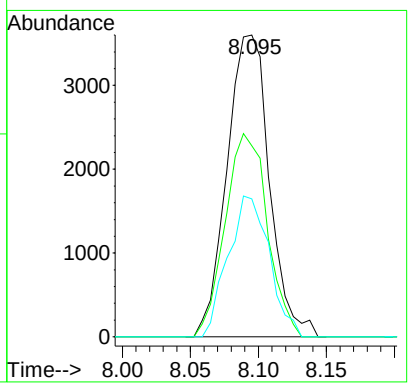


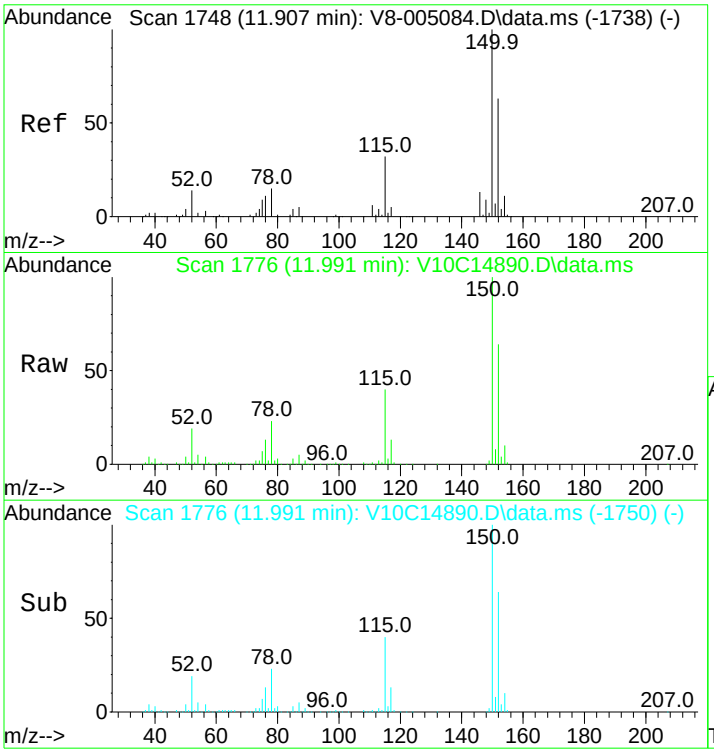


#66
Tetrachloroethylene
Concen: 0.19 ppb
RT: 8.095 min Scan# 1137
Delta R.T. 0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion:166 Resp: 7827

Ion	Ratio	Lower	Upper
166	100		
129	66.7	46.2	96.0
168	45.2	31.2	64.8

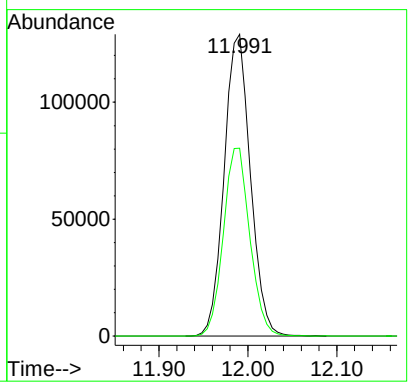


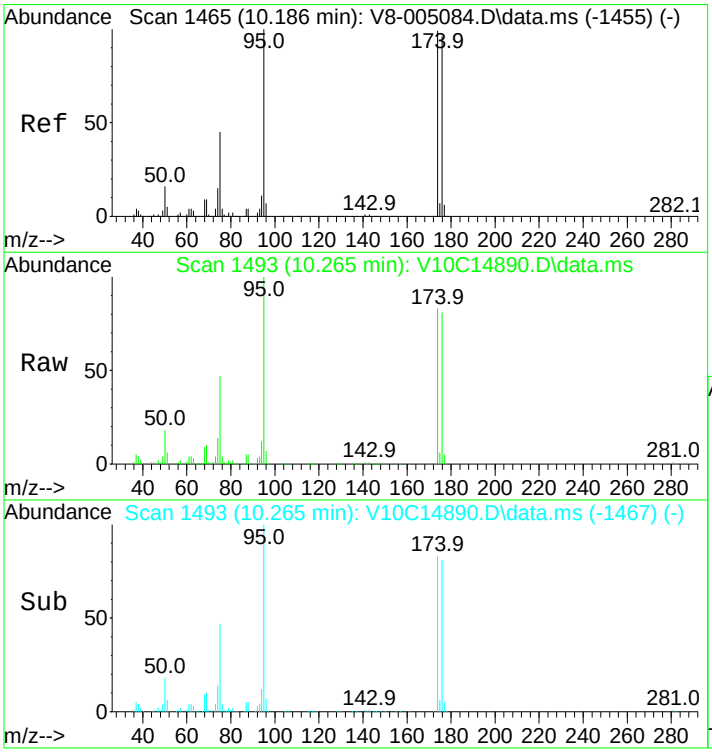


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion:152 Resp: 264265

Ion	Ratio	Lower	Upper
152	100		
115	62.8	40.2	83.4

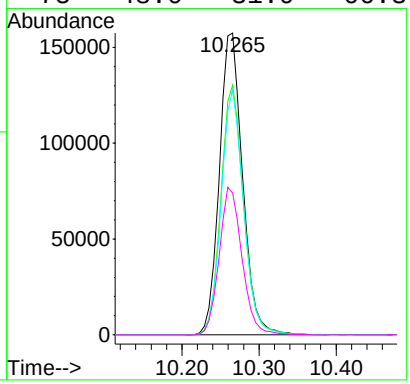




#81
p-Bromofluorobenzene (SURR)
Concen: 10.21 ppb
RT: 10.265 min Scan# 1493
Delta R.T. 0.006 min
Lab File: V10C14890.D
Acq: 31 Aug 2025 3:43 am

Tgt Ion: 95 Resp: 330133

Ion	Ratio	Lower	Upper
95	100		
174	81.0	51.9	107.9
176	78.3	50.9	105.7
75	48.0	31.9	66.3



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-13R (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-03	File ID:	V10C14891.D
Sampled:	08/27/25 10:10	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 04:11
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BH52261 Sequence: S5I0205 Calibration: SH50062 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-13R (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-03	File ID:	V10C14891.D
Sampled:	08/27/25 10:10	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 04:11
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	69 - 130	
SURR: Toluene-d8	10.0	9.80	98.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.4	104	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	112116	5.961	107041	5.962	
ISTD: Chlorobenzene-d5	151468	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	252644	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14891.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 4:11 am
Operator : PMB
Sample : 25H1840-03 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 73
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

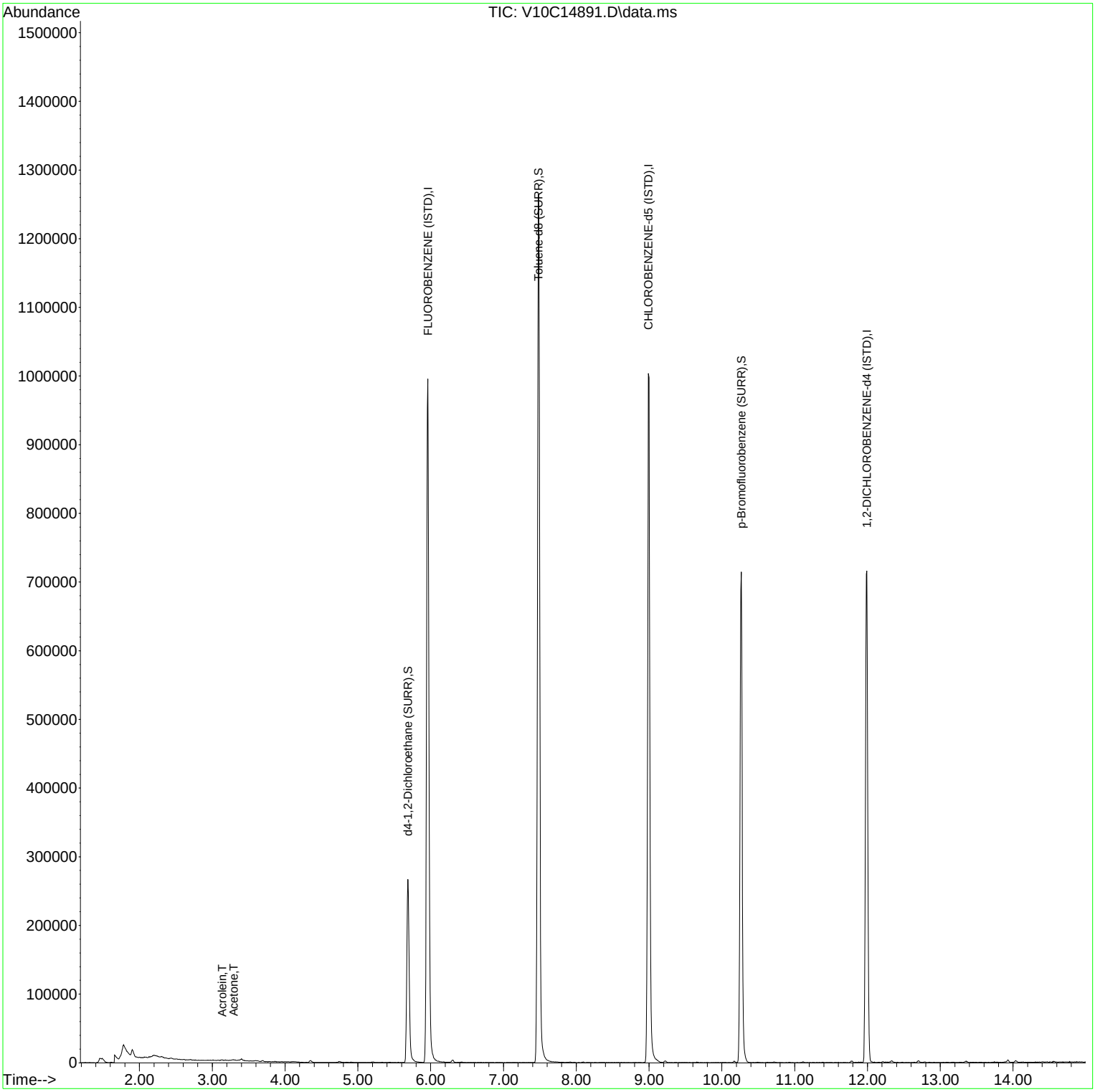
Quant Time: Sep 02 08:21:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

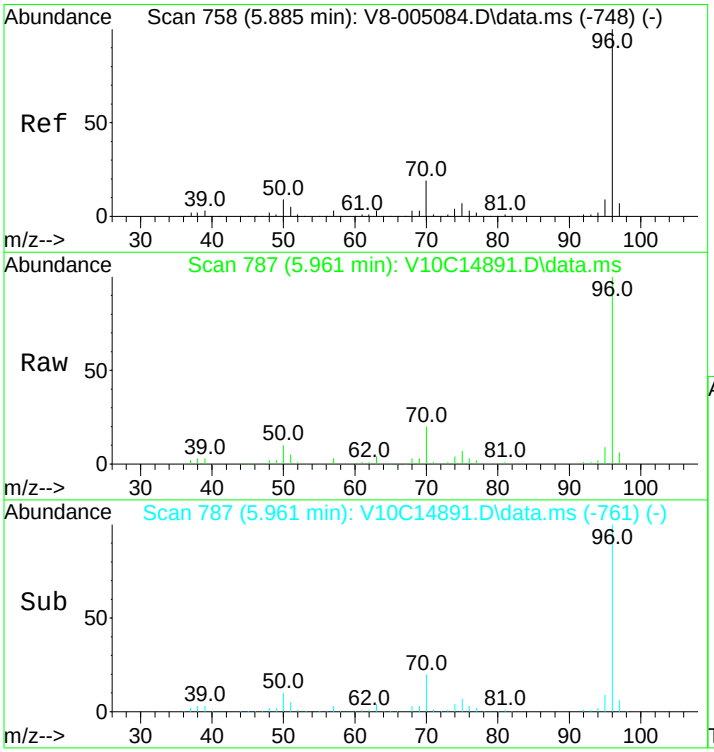
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.961	50	112116	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	151468	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	252644	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	205437	10.21	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.10%			
59) Toluene-d8 (SURR)	7.479	98	1016163	9.80	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.00%			
81) p-Bromofluorobenzene (...	10.266	95	320088	10.36	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 103.60%			
Target Compounds						Qvalue
16) Acrolein	3.133	56	592	0.43	ppb	75
17) Acetone	3.291	58	428	0.44	ppb	51

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C14891.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 4:11 am
Operator : PMB
Sample : 25H1840-03 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 73
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

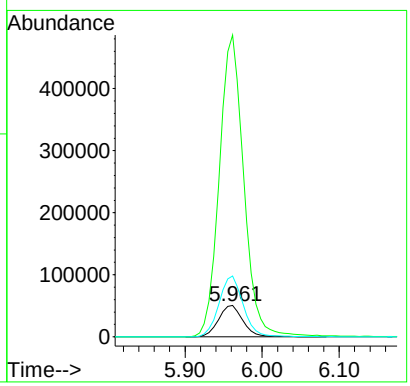


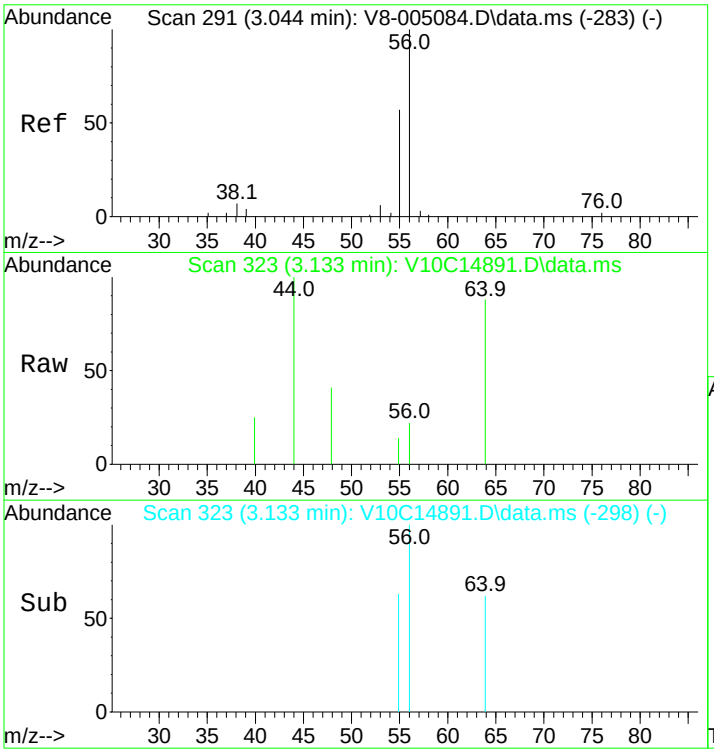


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.961 min Scan# 787
Delta R.T. 0.006 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 50 Resp: 112116

Ion	Ratio	Lower	Upper
50	100		
96	958.1	597.9	1241.7
70	192.0	117.9	244.9

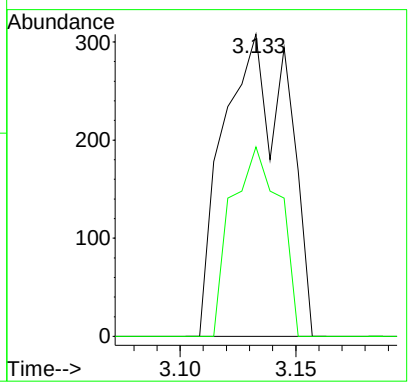


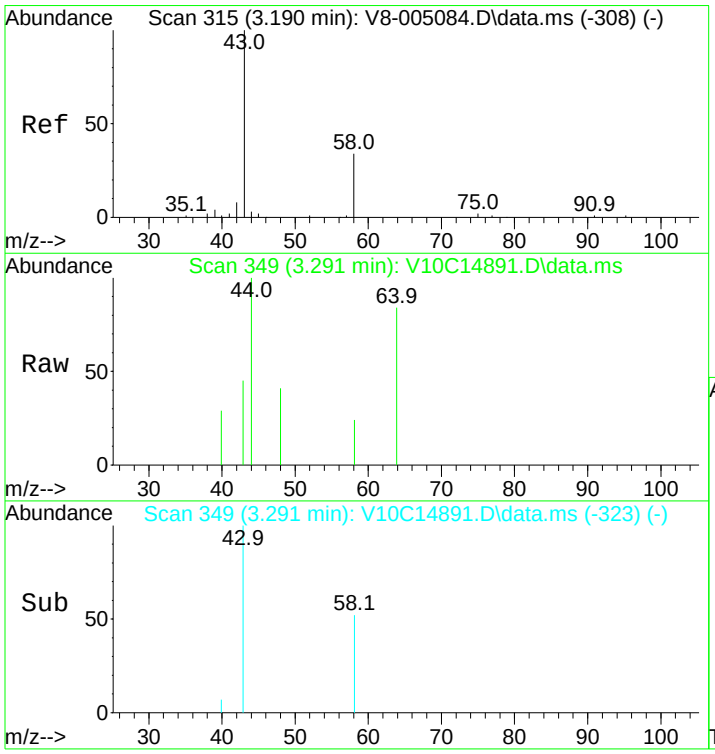


#16
Acrolein
Concen: 0.43 ppb
RT: 3.133 min Scan# 323
Delta R.T. -0.000 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 56 Resp: 592

Ion	Ratio	Lower	Upper
56	100		
55	47.6	44.2	91.8

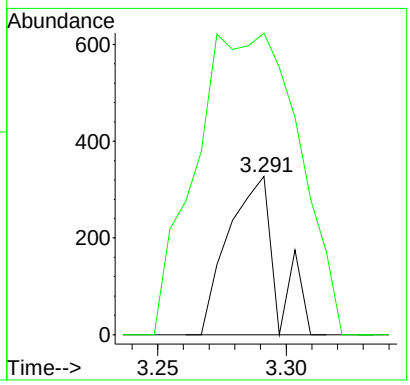


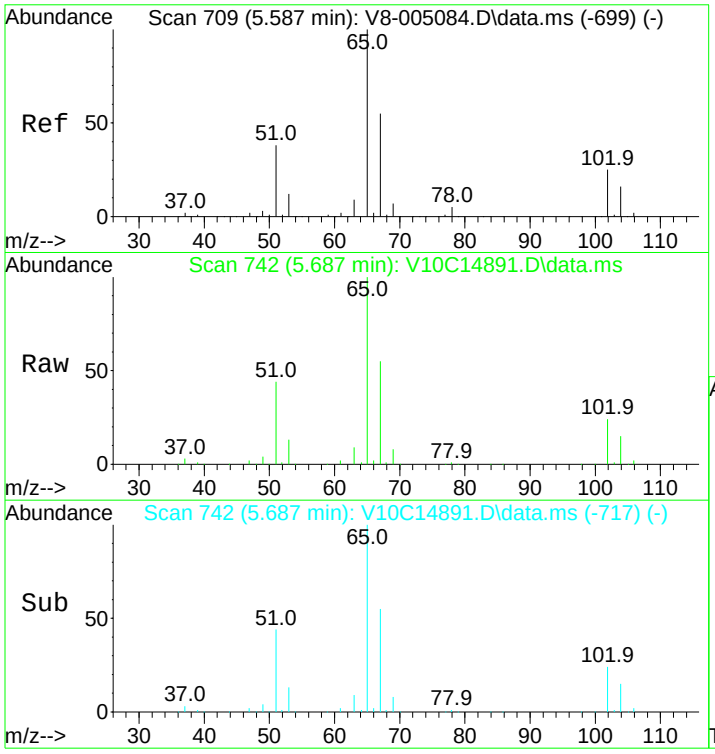


#17
Acetone
Concen: 0.44 ppb
RT: 3.291 min Scan# 349
Delta R.T. 0.006 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 58 Resp: 428

Ion	Ratio	Lower	Upper
58	100		
43	406.5	200.9	417.3

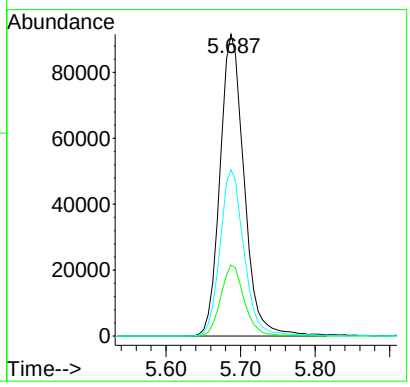


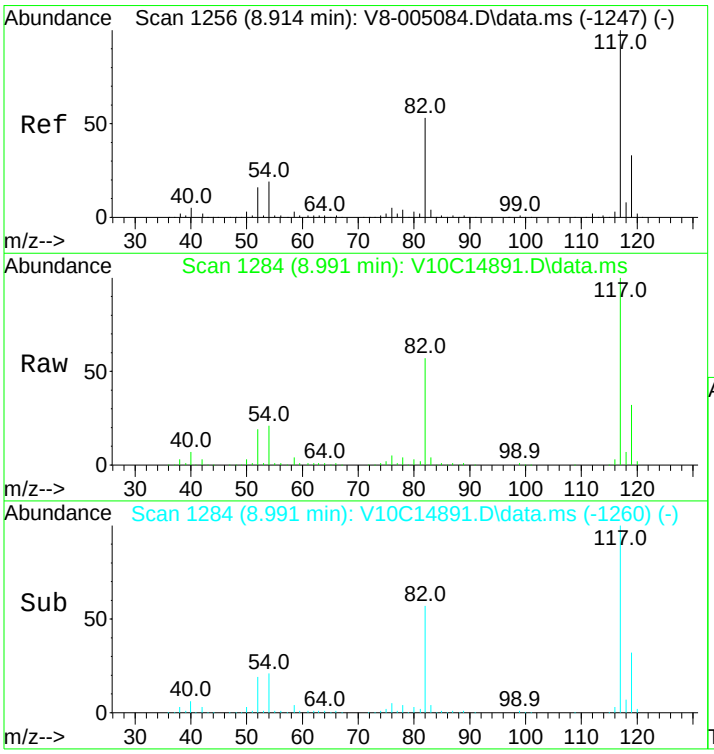


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.21 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 65 Resp: 205437

Ion	Ratio	Lower	Upper
65	100		
102	23.1	15.0	31.1
67	55.0	37.3	77.5

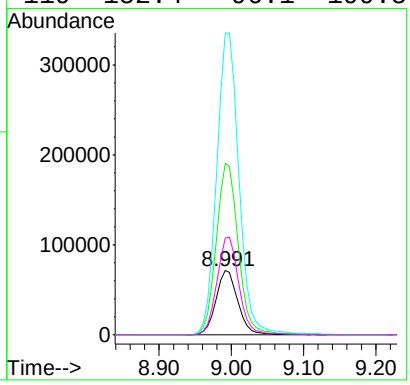


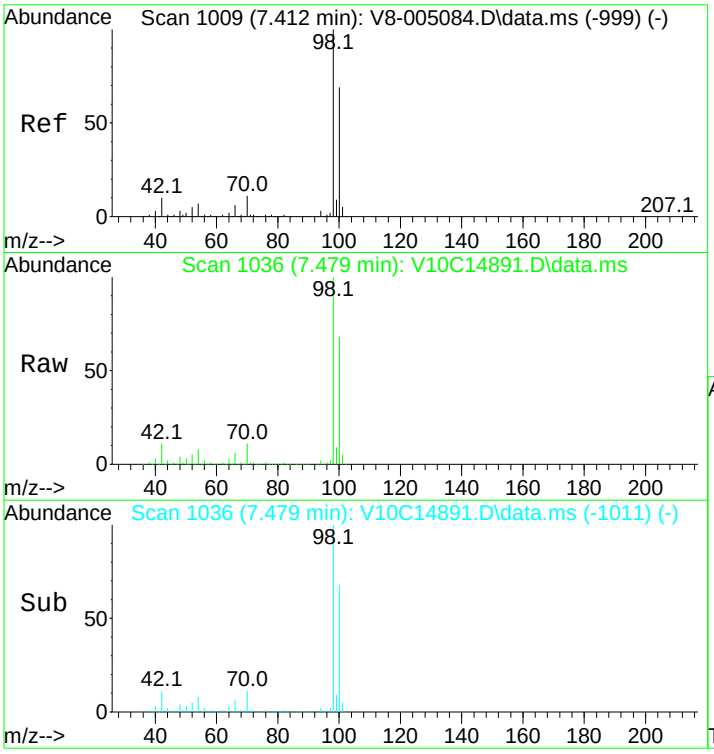


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 54 Resp: 151468

Ion	Ratio	Lower	Upper
54	100		
82	268.3	169.3	351.7
117	477.6	298.8	620.6
119	152.4	96.1	199.5

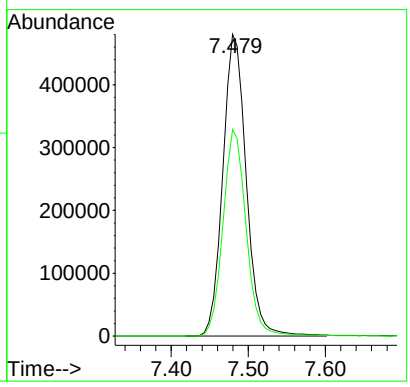


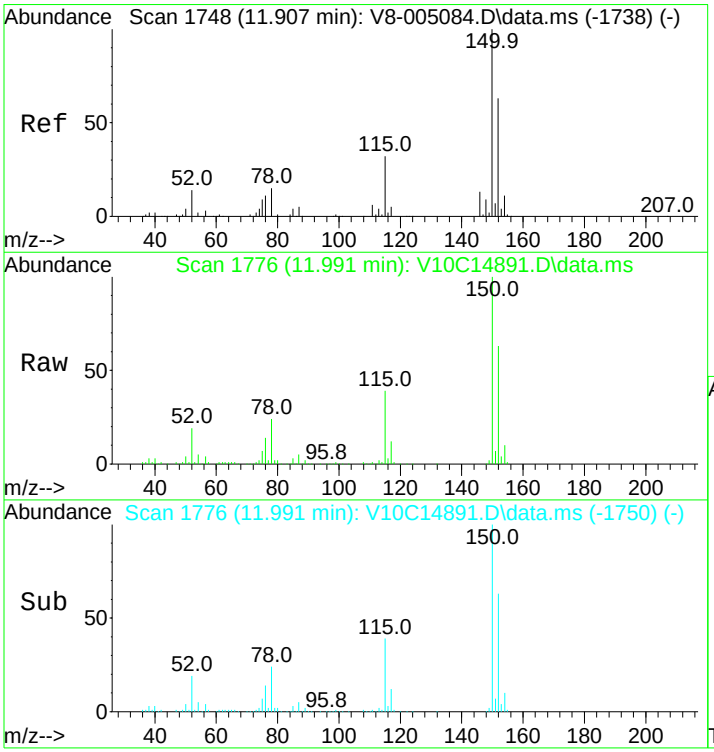


#59
Toluene-d8 (SURR)
Concen: 9.80 ppb
RT: 7.479 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 98 Resp: 1016163

Ion	Ratio	Lower	Upper
98	100		
100	67.6	43.6	90.5

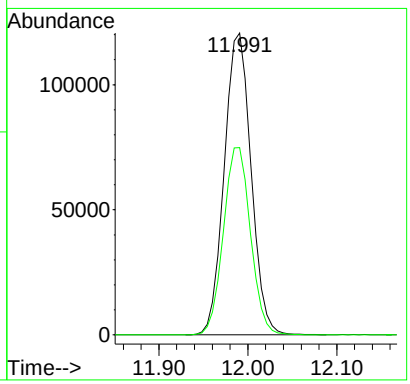


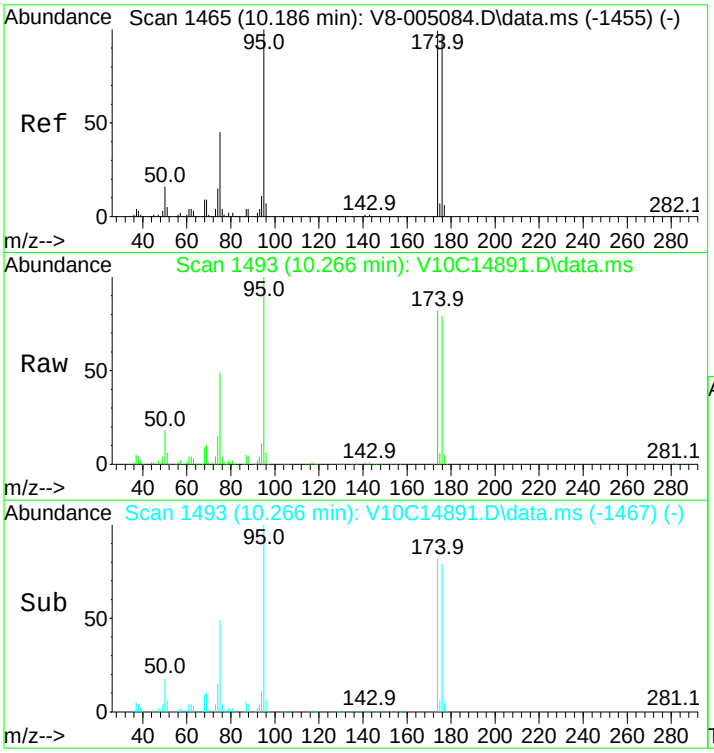


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion:152 Resp: 252644

Ion	Ratio	Lower	Upper
152	100		
115	62.6	40.2	83.4

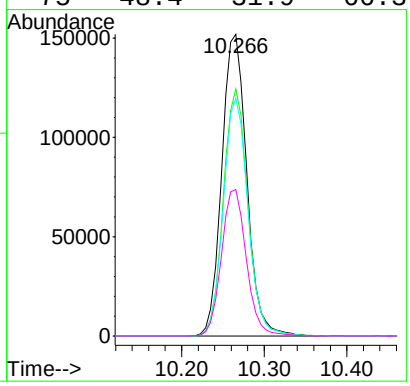




#81
p-Bromofluorobenzene (SURR)
Concen: 10.36 ppb
RT: 10.266 min Scan# 1493
Delta R.T. 0.007 min
Lab File: V10C14891.D
Acq: 31 Aug 2025 4:11 am

Tgt Ion: 95 Resp: 320088

Ion	Ratio	Lower	Upper
95	100		
174	80.6	51.9	107.9
176	77.8	50.9	105.7
75	48.4	31.9	66.3



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-04	File ID:	V10C14892.D
Sampled:	08/27/25 09:25	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 04:40
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-14 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-04	File ID:	V10C14892.D
Sampled:	08/27/25 09:25	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 04:40
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
SURR: Toluene-d8	10.0	9.60	96.0	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	112498	5.955	107041	5.962	
ISTD: Chlorobenzene-d5	155570	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	259772	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14892.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 4:40 am
Operator : PMB
Sample : 25H1840-04 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 74
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

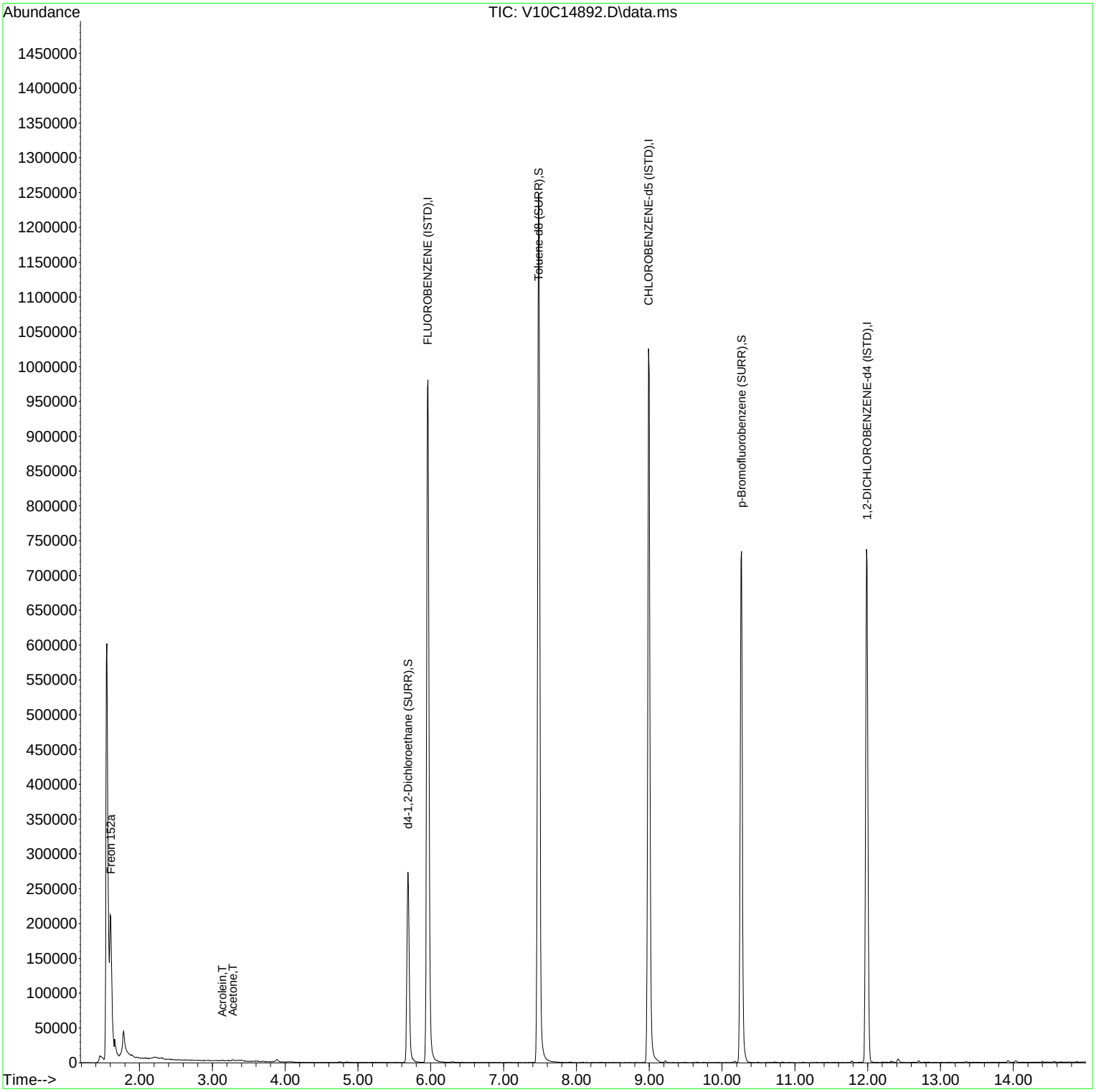
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	112498	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	155570	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	259772	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	210007	10.40	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.00%				
59) Toluene-d8 (SURR)	7.479	98	1021917	9.60	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.00%				
81) p-Bromofluorobenzene (...	10.265	95	325562	10.24	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.40%				
Target Compounds							Qvalue
3) Freon 152a	1.604	51	206181	10.56	ppb		78
16) Acrolein	3.133	56	427	0.31	ppb	#	70
17) Acetone	3.279	58	532	0.54	ppb		76

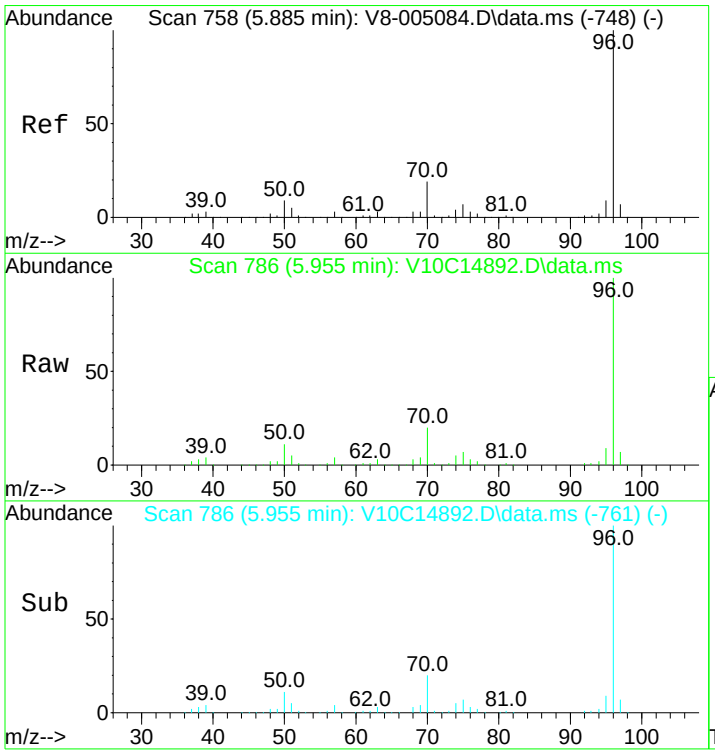
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14892.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 4:40 am
Operator : PMB
Sample : 25H1840-04 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 74
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

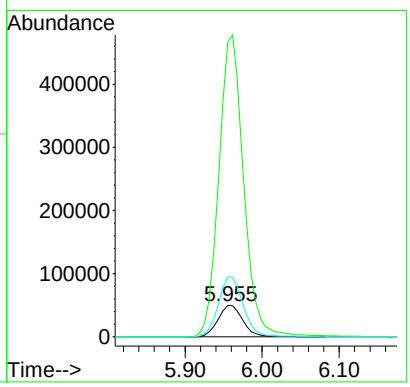


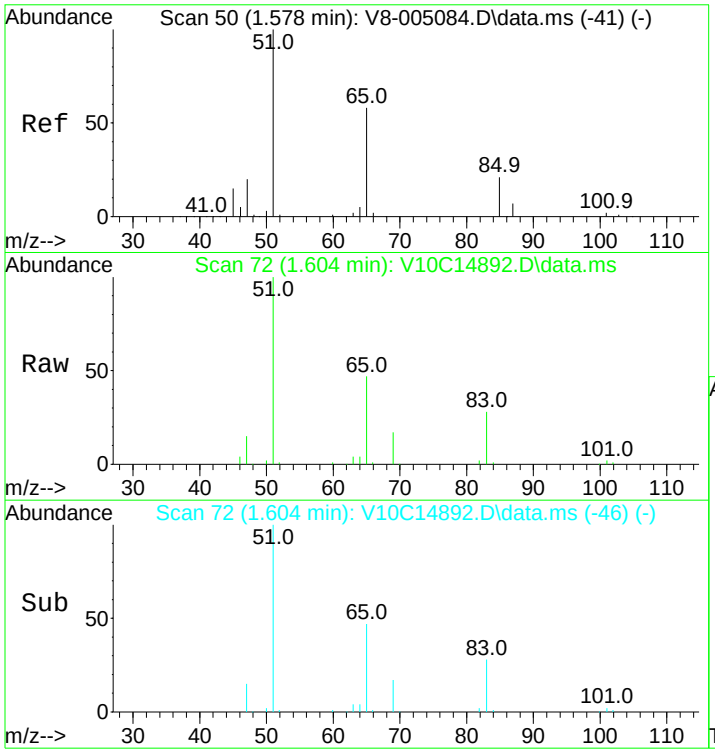


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.955 min Scan# 786
Delta R.T. 0.000 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 50 Resp: 112498

Ion	Ratio	Lower	Upper
50	100		
96	951.0	597.9	1241.7
70	191.4	117.9	244.9

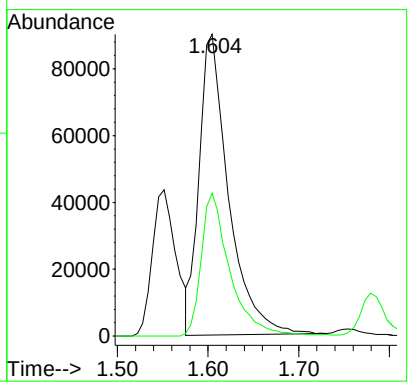


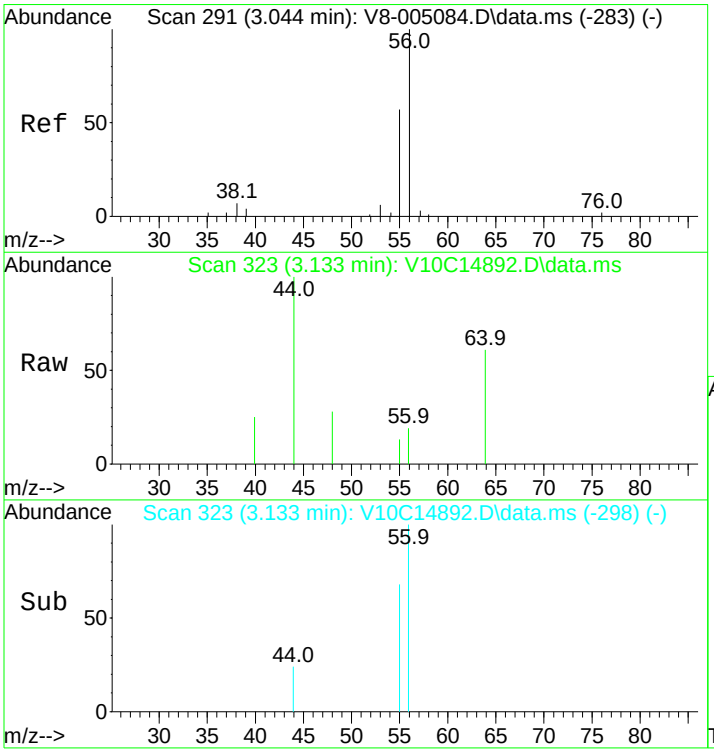


#3
Freon 152a
Concen: 10.56 ppb
RT: 1.604 min Scan# 72
Delta R.T. 0.000 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 51 Resp: 206181

Ion	Ratio	Lower	Upper
51	100		
65	46.2	31.6	95.0

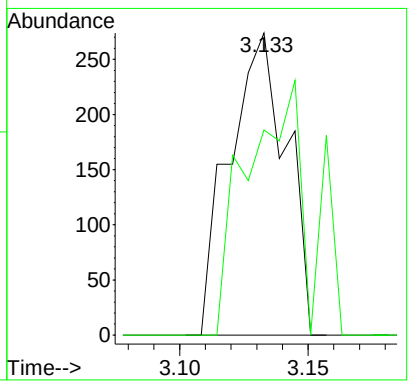


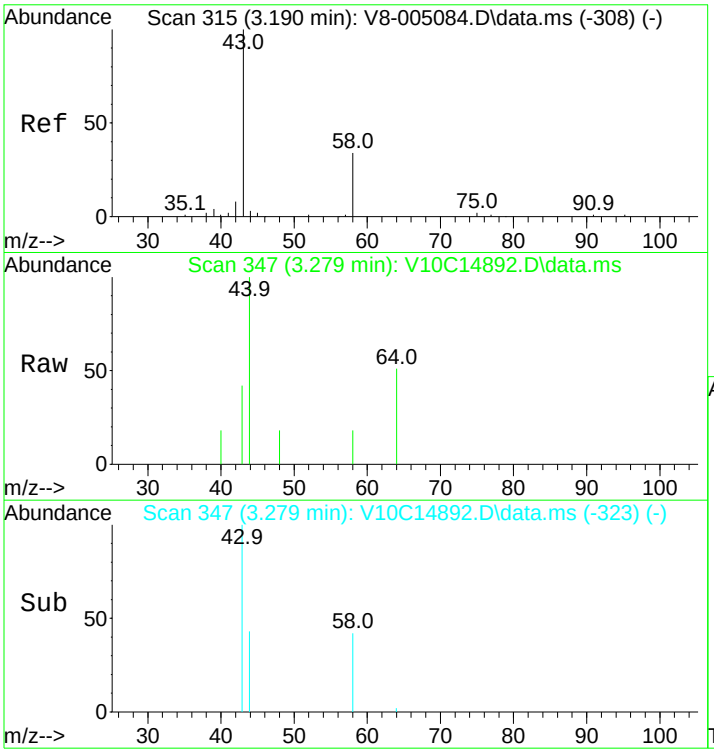


#16
Acrolein
Concen: 0.31 ppb
RT: 3.133 min Scan# 323
Delta R.T. -0.000 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 56 Resp: 427

Ion	Ratio	Lower	Upper
56	100		
55	92.3	44.2	91.8#

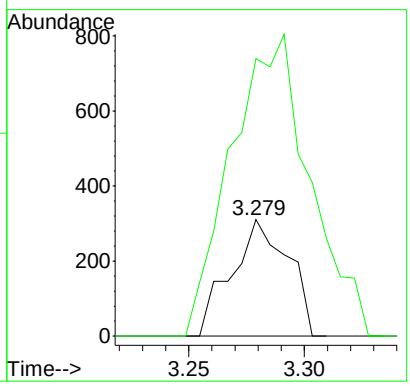


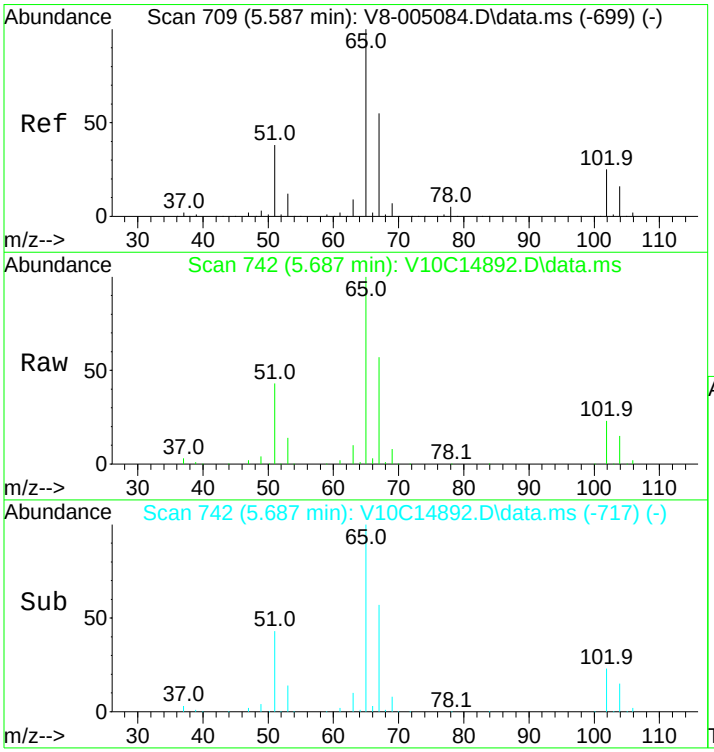


#17
Acetone
Concen: 0.54 ppb
RT: 3.279 min Scan# 347
Delta R.T. -0.006 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 58 Resp: 532

Ion	Ratio	Lower	Upper
58	100		
43	357.3	200.9	417.3

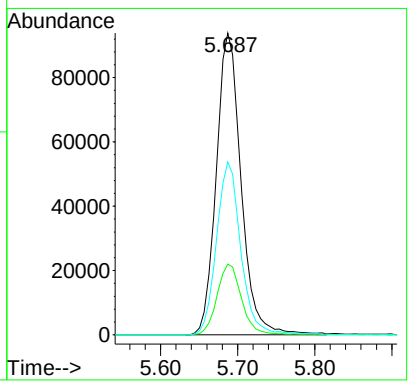


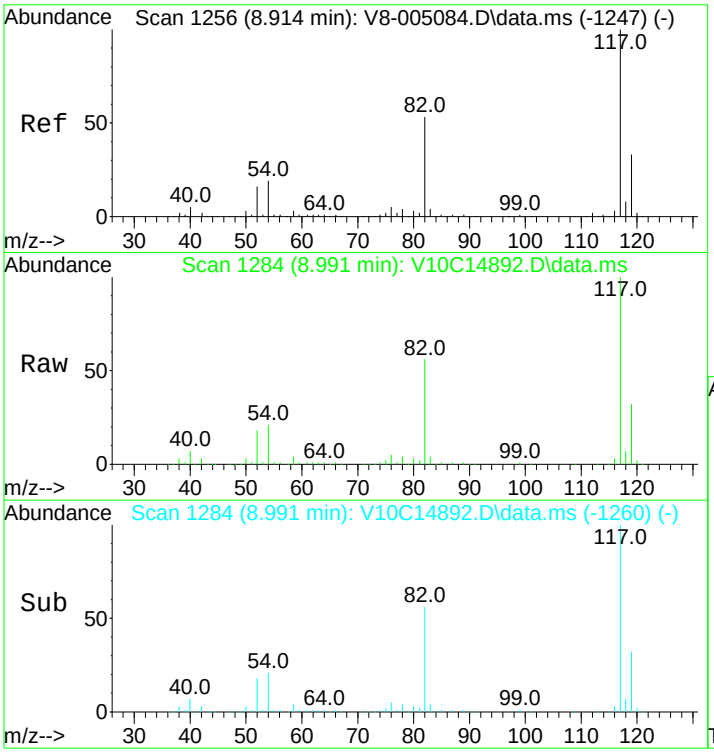


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.40 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 65 Resp: 210007

Ion	Ratio	Lower	Upper
65	100		
102	23.3	15.0	31.1
67	56.3	37.3	77.5

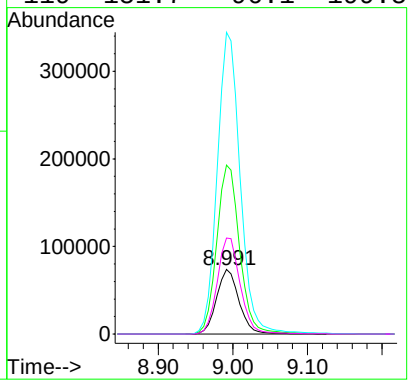


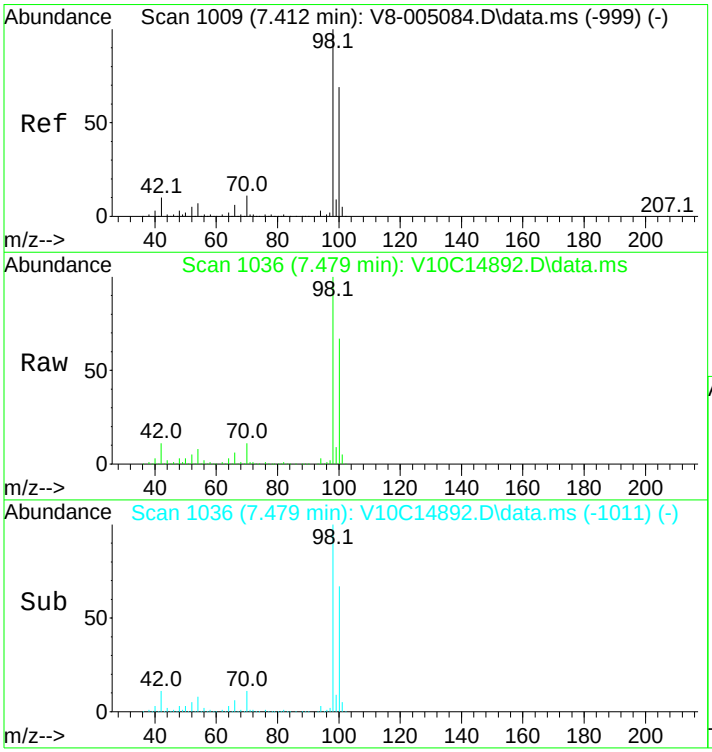


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 54 Resp: 155570

Ion	Ratio	Lower	Upper
54	100		
82	264.6	169.3	351.7
117	472.8	298.8	620.6
119	151.7	96.1	199.5

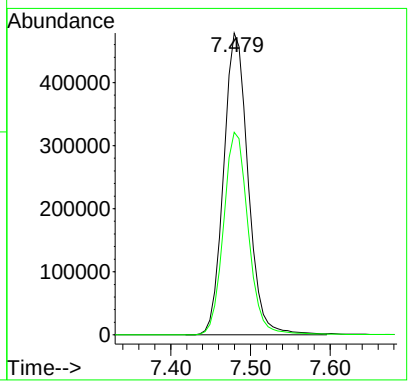


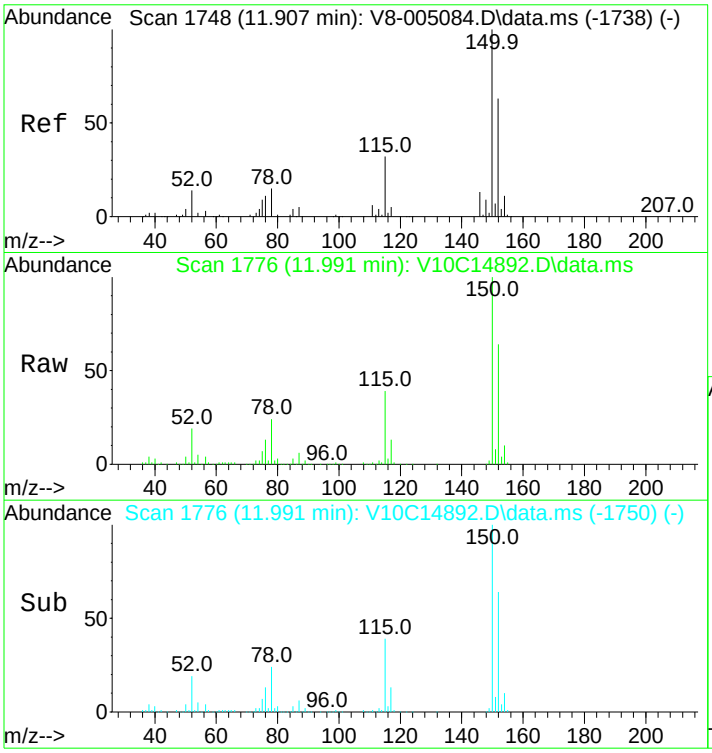


#59
Toluene-d8 (SURR)
Concen: 9.60 ppb
RT: 7.479 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 98 Resp: 1021917

Ion	Ratio	Lower	Upper
98	100		
100	67.7	43.6	90.5

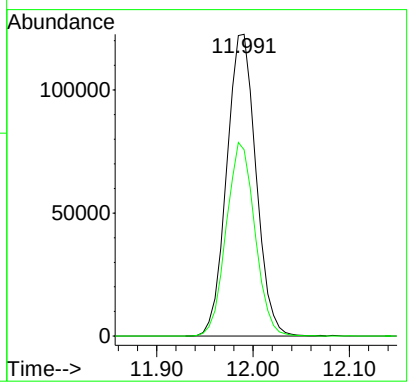


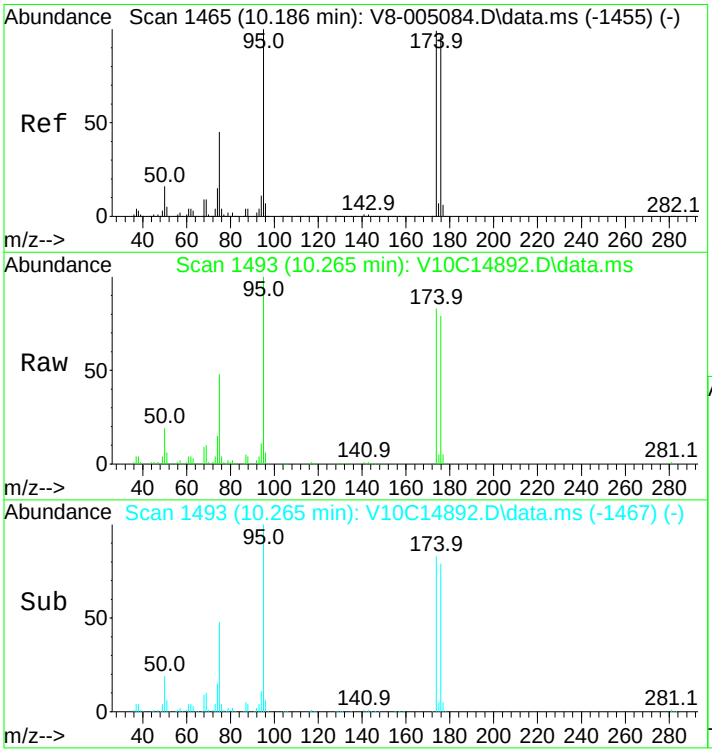


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion:152 Resp: 259772

Ion	Ratio	Lower	Upper
152	100		
115	62.7	40.2	83.4

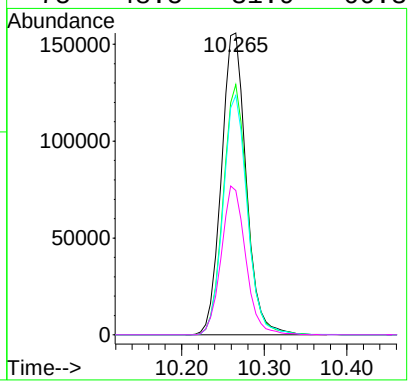




#81
p-Bromofluorobenzene (SURR)
Concen: 10.24 ppb
RT: 10.265 min Scan# 1493
Delta R.T. 0.006 min
Lab File: V10C14892.D
Acq: 31 Aug 2025 4:40 am

Tgt Ion: 95 Resp: 325562

Ion	Ratio	Lower	Upper
95	100		
174	80.8	51.9	107.9
176	77.7	50.9	105.7
75	48.5	31.9	66.3



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

EB (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	25H1840-05	File ID:	V10C14893.D
Sampled:	08/27/25 11:00	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 05:09
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	4.86	
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

EB (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	25H1840-05	File ID:	V10C14893.D
Sampled:	08/27/25 11:00	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 05:09
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
SURR: Toluene-d8	10.0	9.61	96.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	111219	5.955	107041	5.962	
ISTD: Chlorobenzene-d5	153783	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	256054	11.985	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14893.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 5:09 am
Operator : PMB
Sample : 25H1840-05 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 75
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

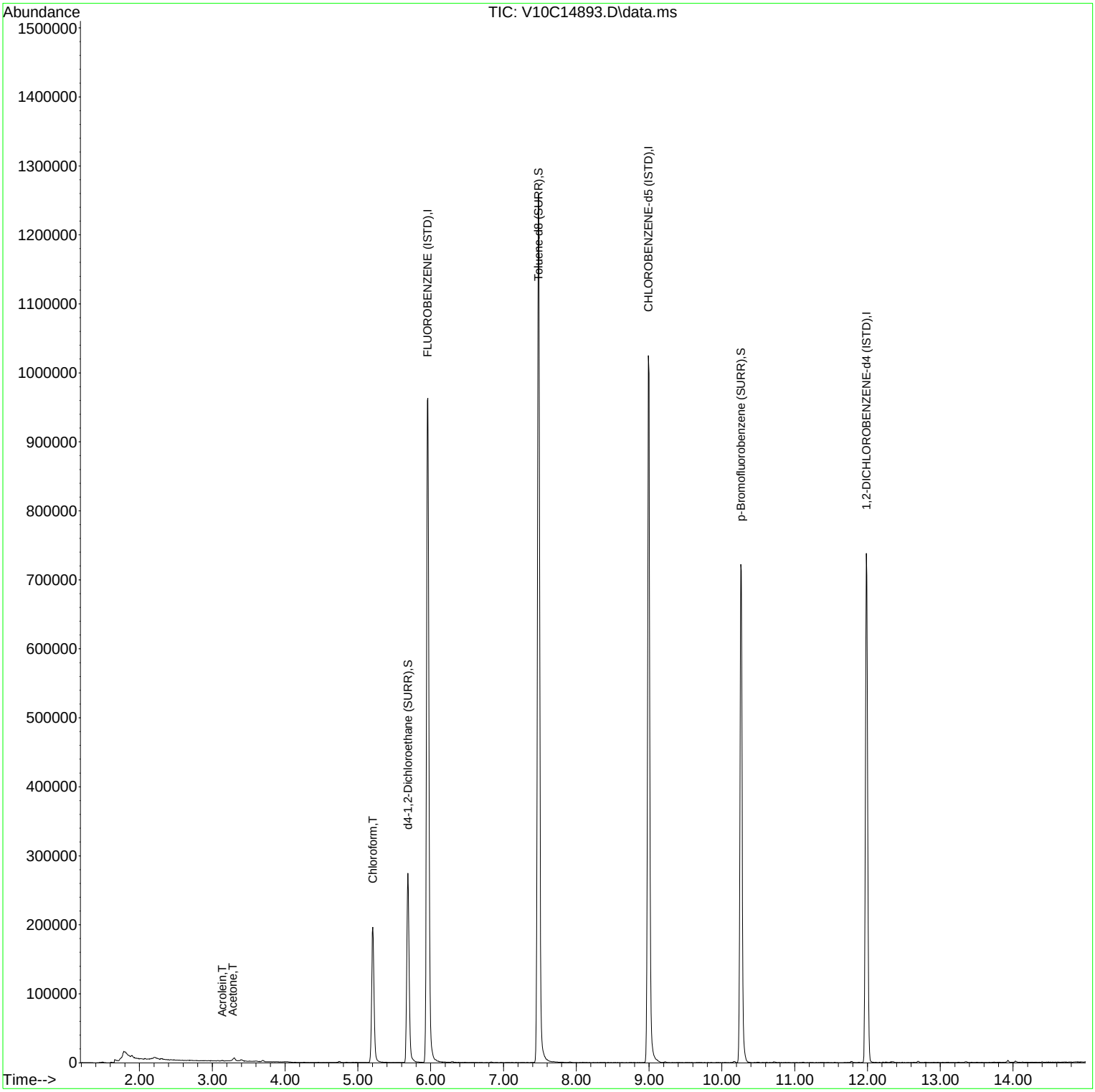
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.955	50	111219	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	153783	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	256054	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	209294	10.48	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.80%			
59) Toluene-d8 (SURR)	7.479	98	1011068	9.61	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.10%			
81) p-Bromofluorobenzene (...	10.259	95	320908	10.24	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.40%			
Target Compounds						Qvalue
16) Acrolein	3.133	56	307	0.23	ppb	80
17) Acetone	3.279	58	793	0.82	ppb	71
37) Chloroform	5.205	83	189082	4.86	ppb	99

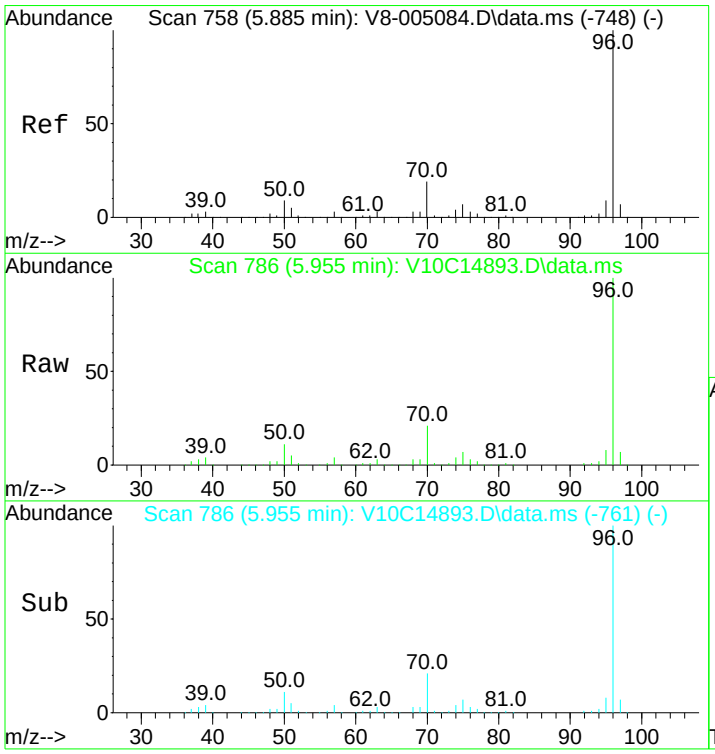
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14893.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 5:09 am
Operator : PMB
Sample : 25H1840-05 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 75
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

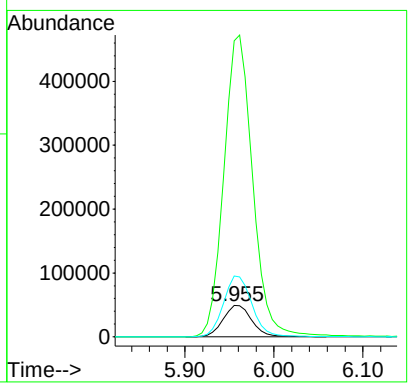


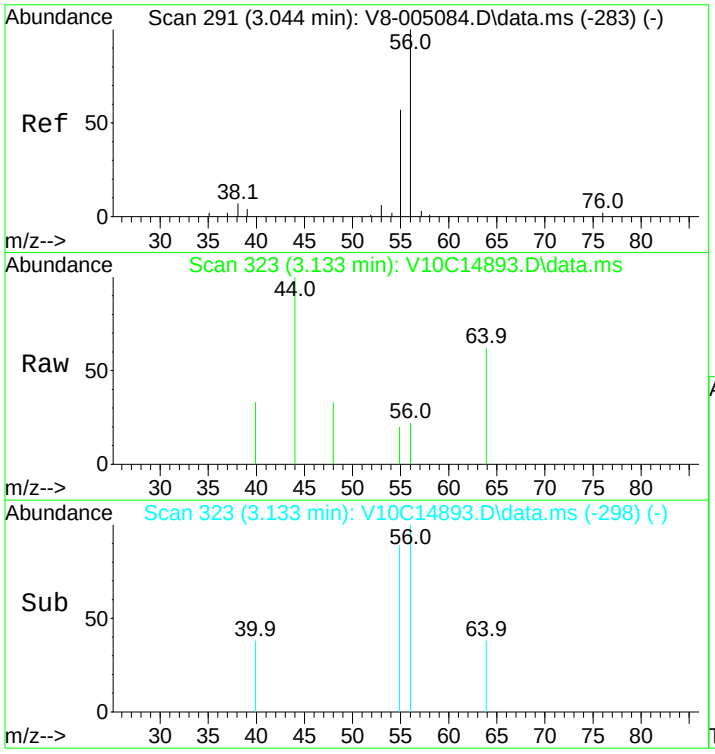


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.955 min Scan# 786
Delta R.T. 0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 50 Resp: 111219

Ion	Ratio	Lower	Upper
50	100		
96	956.6	597.9	1241.7
70	192.1	117.9	244.9

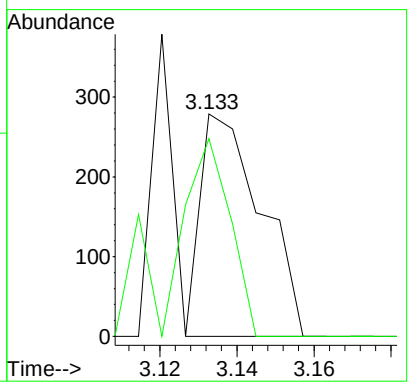


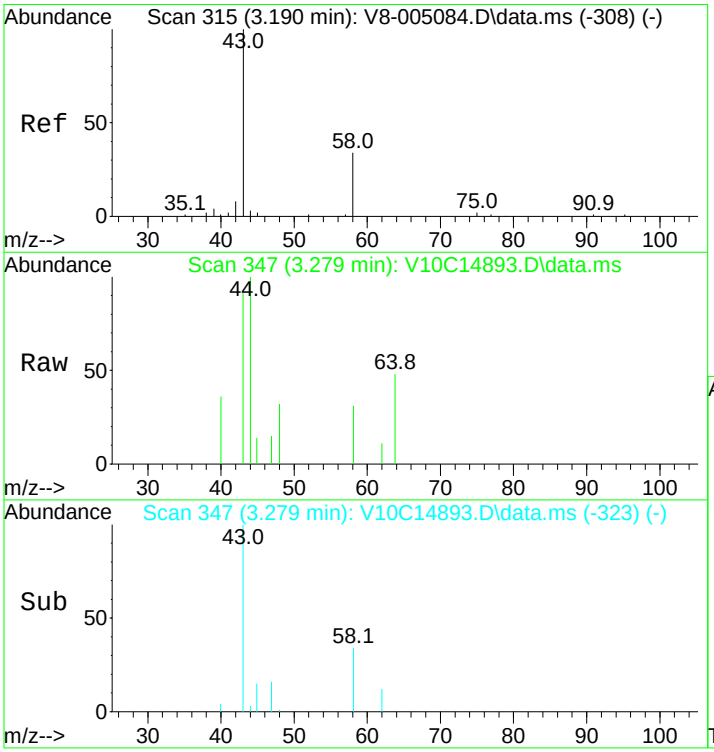


#16
Acrolein
Concen: 0.23 ppb
RT: 3.133 min Scan# 323
Delta R.T. -0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 56 Resp: 307

Ion	Ratio	Lower	Upper
56	100		
55	84.4	44.2	91.8

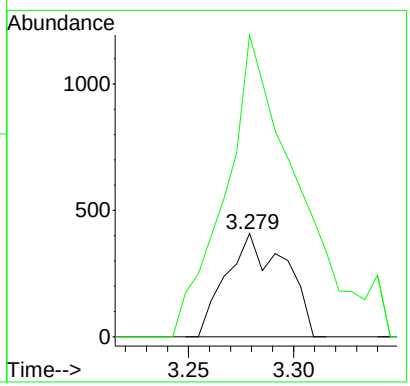


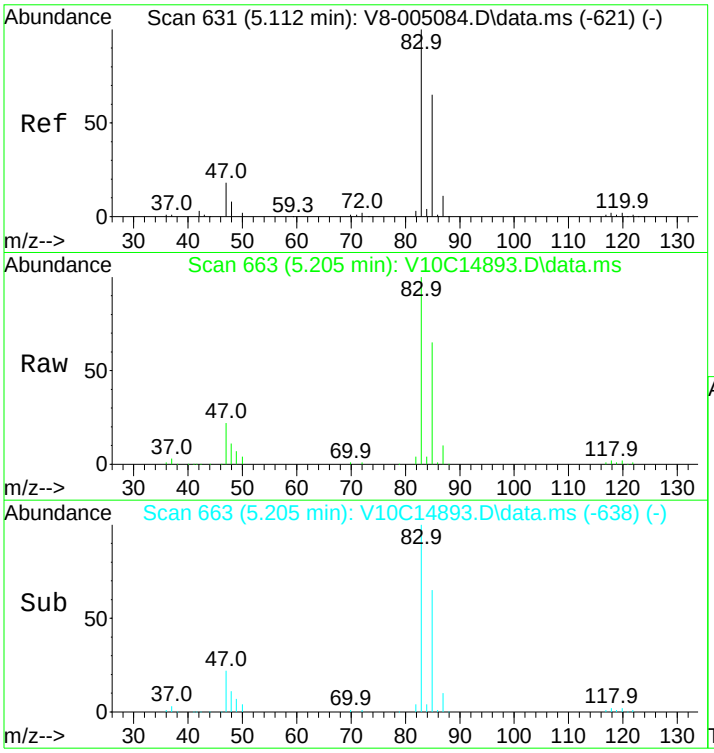


#17
Acetone
Concen: 0.82 ppb
RT: 3.279 min Scan# 347
Delta R.T. -0.006 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 58 Resp: 793

Ion	Ratio	Lower	Upper
58	100		
43	367.0	200.9	417.3

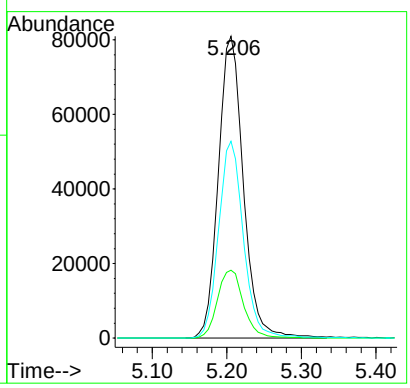


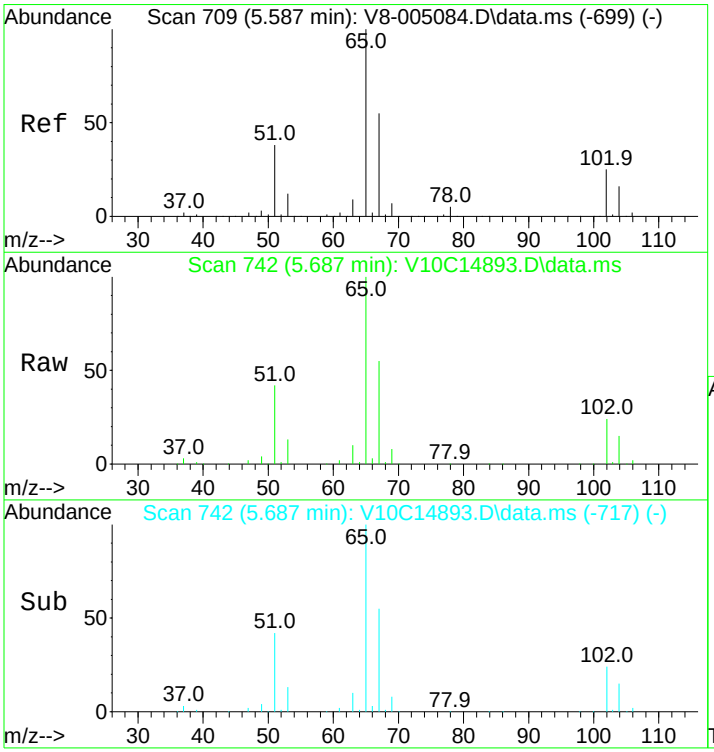


#37
Chloroform
Concen: 4.86 ppb
RT: 5.205 min Scan# 663
Delta R.T. 0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 83 Resp: 189082

Ion	Ratio	Lower	Upper
83	100		
47	23.4	15.3	31.9
85	64.8	41.5	86.3

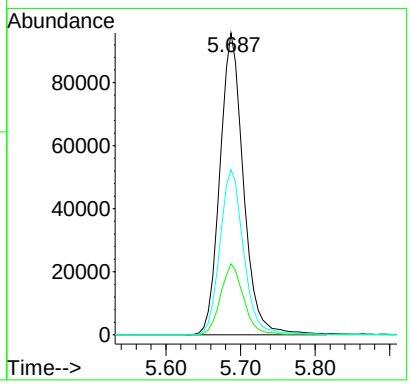


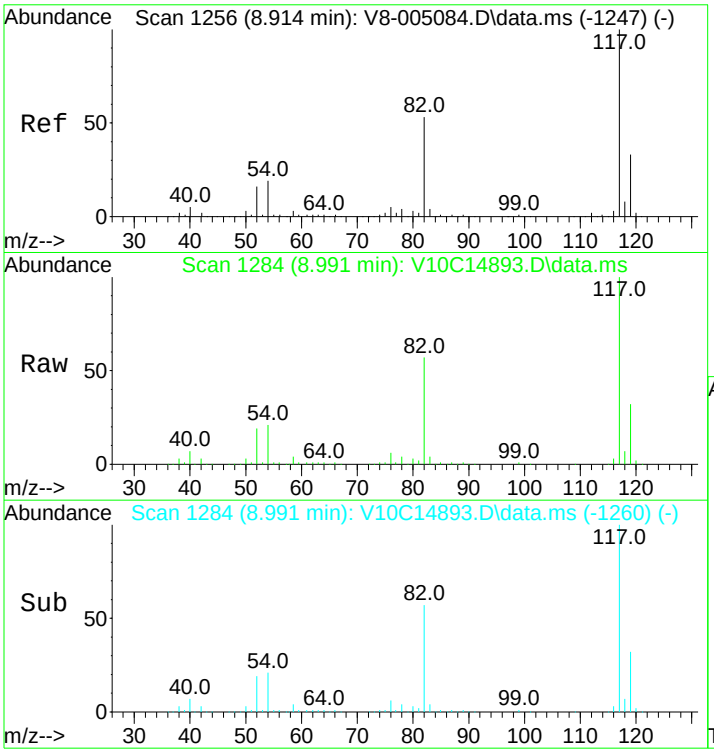


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.48 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 65 Resp: 209294

Ion	Ratio	Lower	Upper
65	100		
102	23.1	15.0	31.1
67	55.4	37.3	77.5

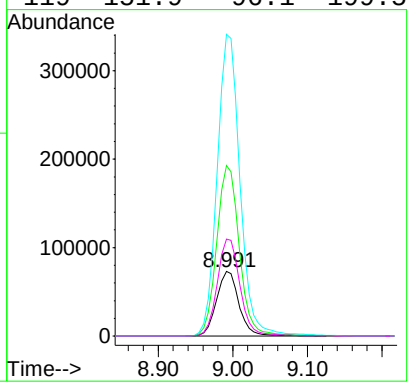


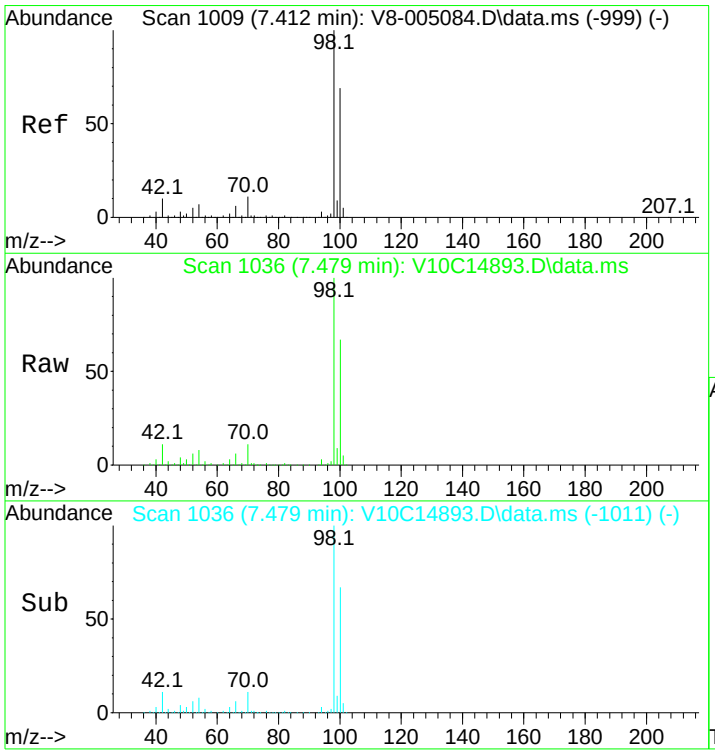


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 54 Resp: 153783

Ion	Ratio	Lower	Upper
54	100		
82	265.4	169.3	351.7
117	471.7	298.8	620.6
119	151.9	96.1	199.5

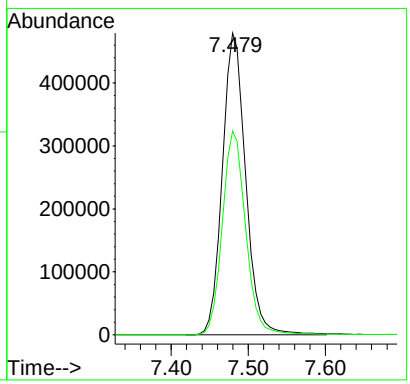


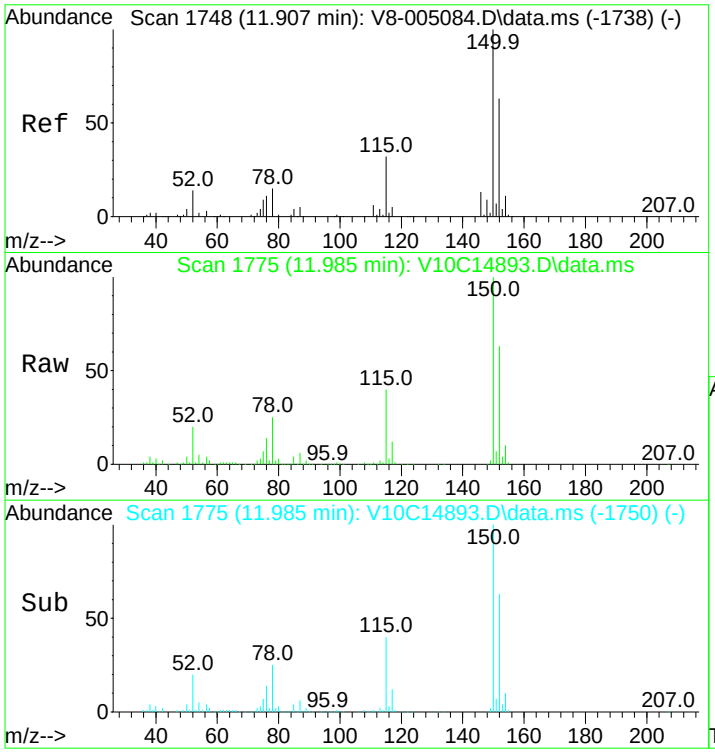


#59
Toluene-d8 (SURR)
Concen: 9.61 ppb
RT: 7.479 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 98 Resp: 1011068

Ion	Ratio	Lower	Upper
98	100		
100	67.4	43.6	90.5

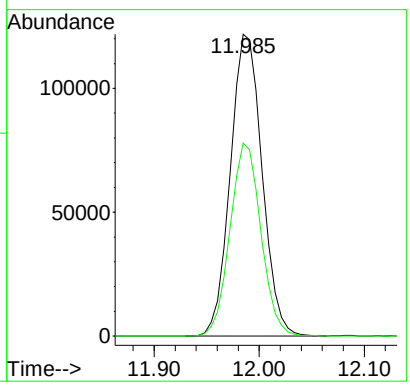


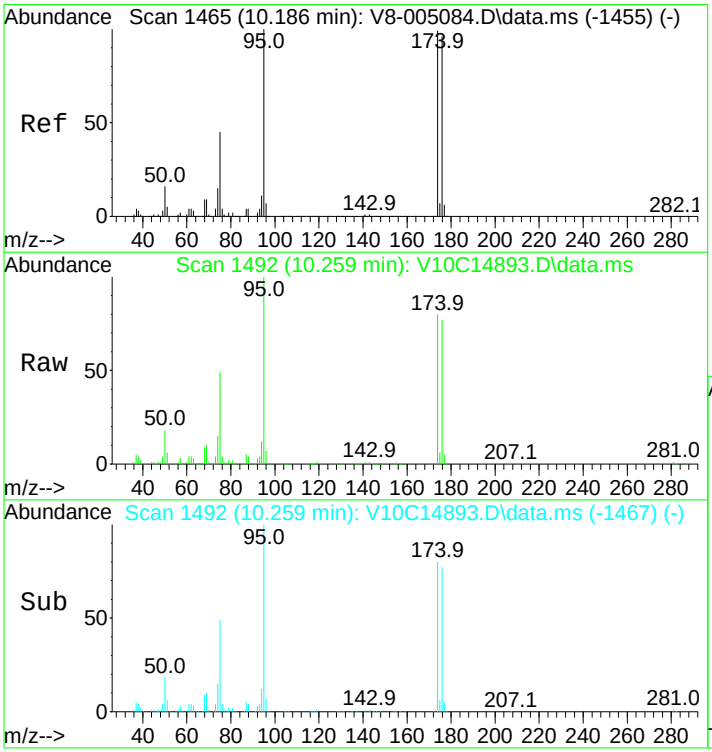


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.985 min Scan# 1775
Delta R.T. -0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion:152 Resp: 256054

Ion	Ratio	Lower	Upper
152	100		
115	62.2	40.2	83.4

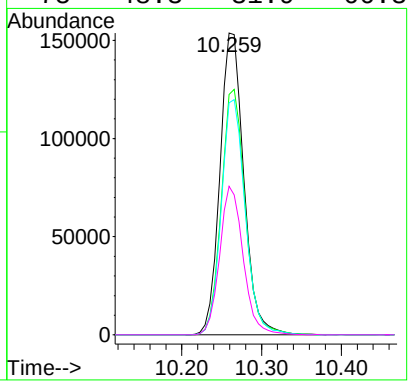




#81
p-Bromofluorobenzene (SURR)
Concen: 10.24 ppb
RT: 10.259 min Scan# 1492
Delta R.T. 0.000 min
Lab File: V10C14893.D
Acq: 31 Aug 2025 5:09 am

Tgt Ion: 95 Resp: 320908

Ion	Ratio	Lower	Upper
95	100		
174	81.1	51.9	107.9
176	78.0	50.9	105.7
75	48.3	31.9	66.3



FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

TB (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	25H1840-06	File ID:	V10C14884.D
Sampled:	08/27/25 00:00	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 00:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	1.44	J
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

TB (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	25H1840-06	File ID:	V10C14884.D
Sampled:	08/27/25 00:00	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 00:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	1.33	J
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.85	98.5	69 - 130	
SURR: Toluene-d8	10.0	10.1	101	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	115216	5.955	107041	5.962	
ISTD: Chlorobenzene-d5	157022	8.991	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	269508	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14884.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 12:52 am
Operator : PMB
Sample : 25H1840-06 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 66
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:33 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

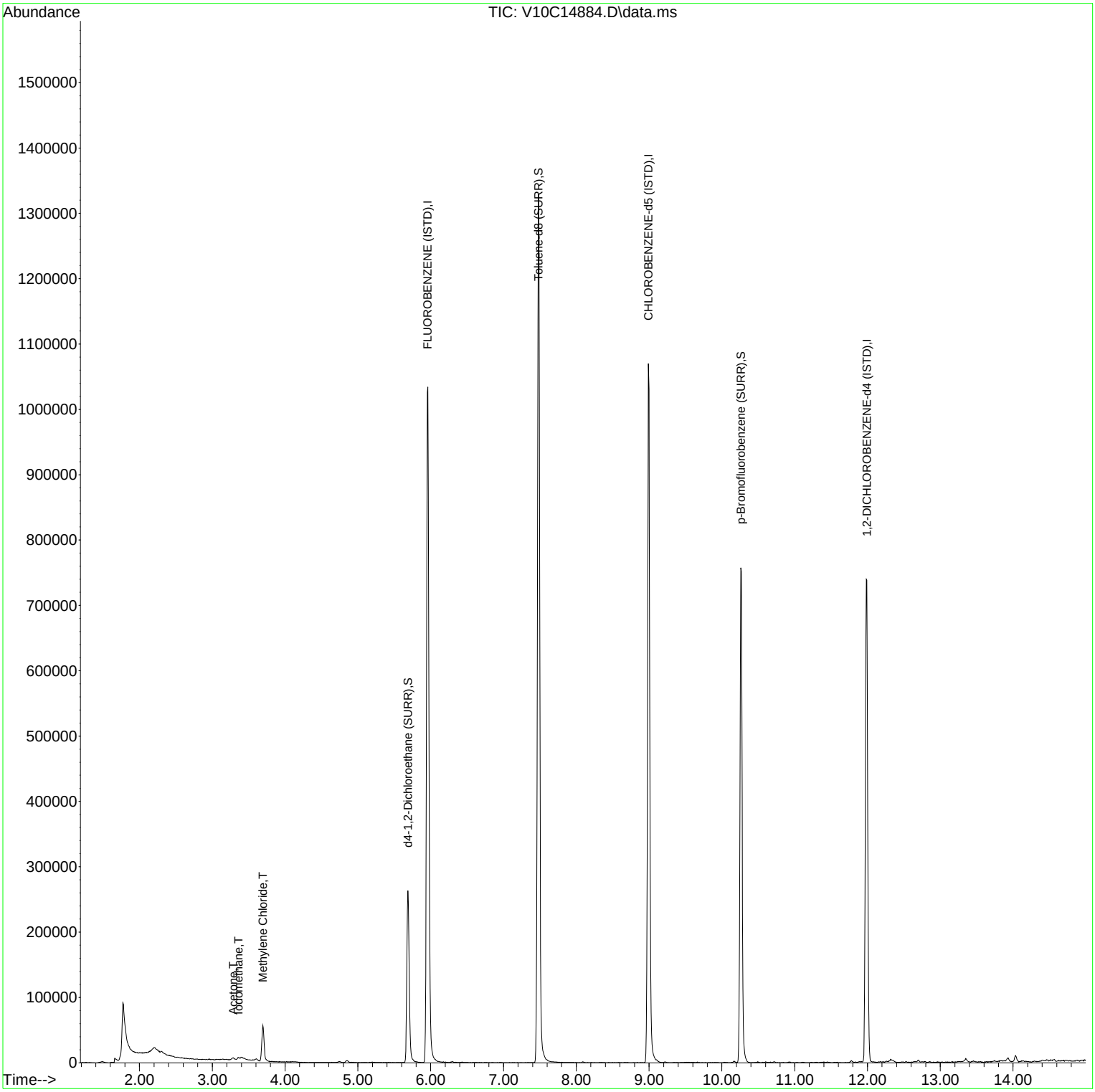
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.955	50	115216	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	157022	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	269508	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	203759	9.85	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.50%			
59) Toluene-d8 (SURR)	7.479	98	1084182	10.09	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 100.90%			
81) p-Bromofluorobenzene (...	10.259	95	335919	10.19	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 101.90%			
Target Compounds						Qvalue
17) Acetone	3.285	58	1446	1.44	ppb	78
18) Iodomethane	3.358	142	5809	0.32	ppb	91
23) Methylene Chloride	3.694	49	38215	1.33	ppb	99

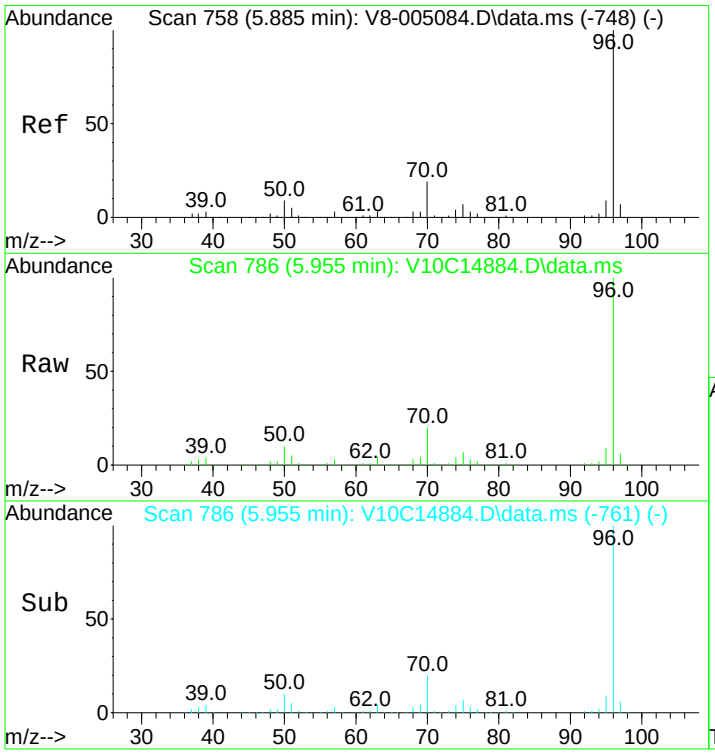
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14884.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 12:52 am
Operator : PMB
Sample : 25H1840-06 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 66
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:33 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

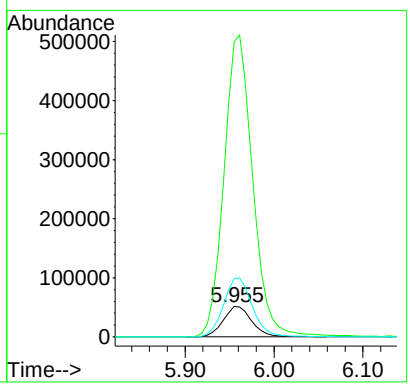


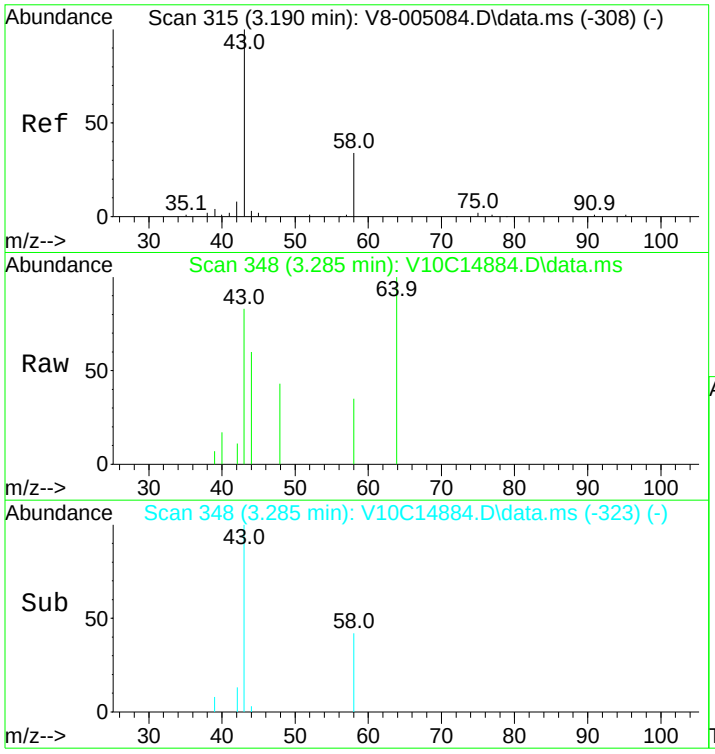


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.955 min Scan# 786
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 50 Resp: 115216

Ion	Ratio	Lower	Upper
50	100		
96	993.7	597.9	1241.7
70	194.8	117.9	244.9

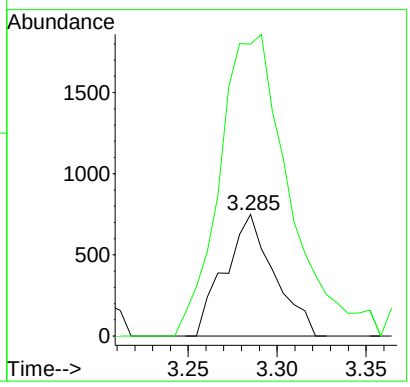


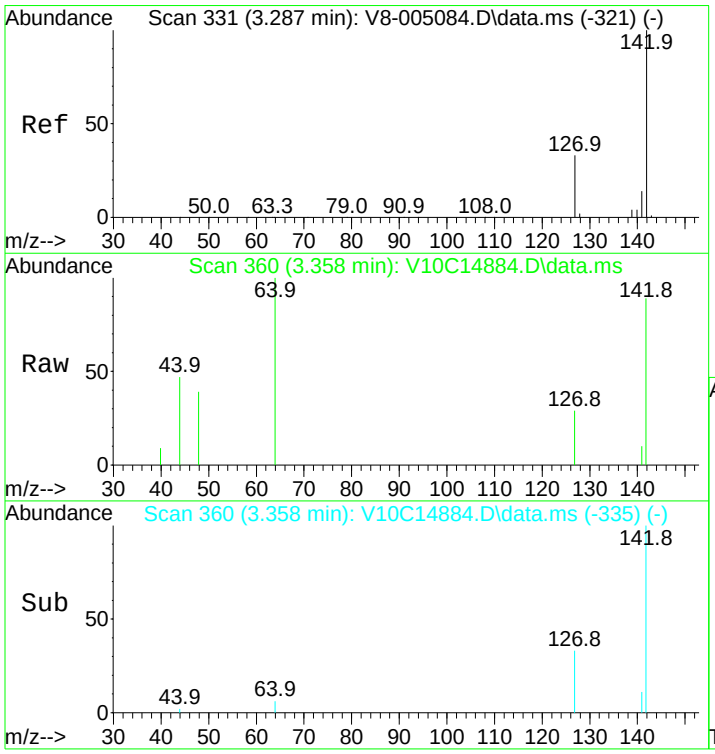


#17
Acetone
Concen: 1.44 ppb
RT: 3.285 min Scan# 348
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 58 Resp: 1446

Ion	Ratio	Lower	Upper
58	100		
43	353.7	200.9	417.3

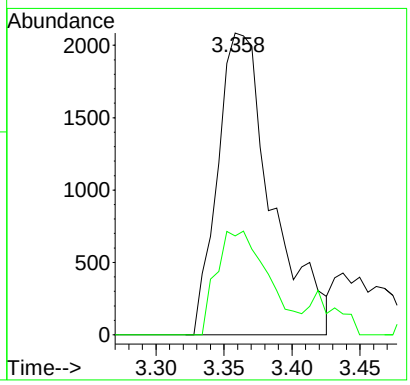


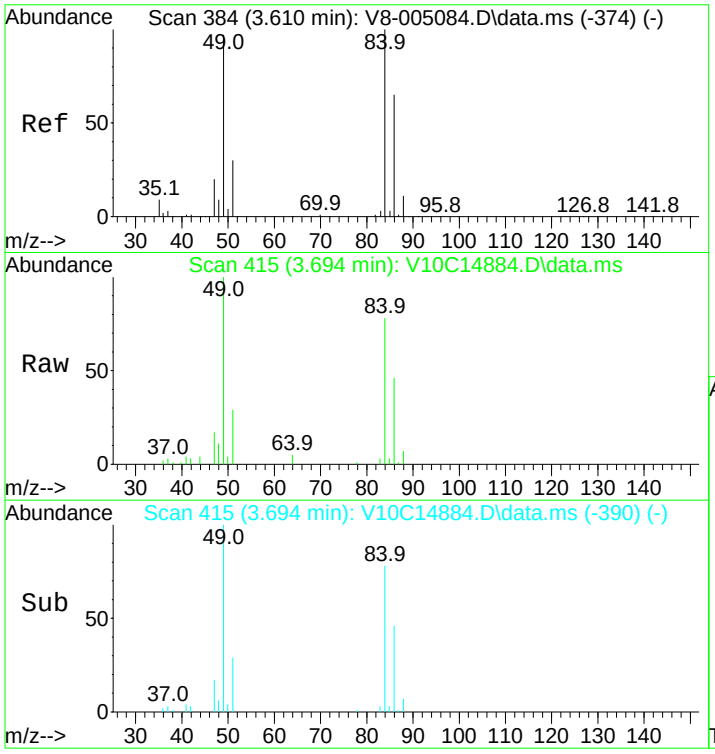


#18
Iodomethane
Concen: 0.32 ppb
RT: 3.358 min Scan# 360
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion:142 Resp: 5809

Ion	Ratio	Lower	Upper
142	100		
127	33.1	24.8	51.6

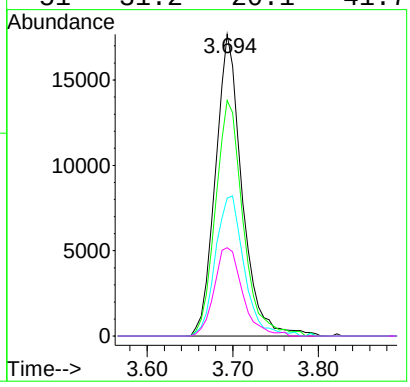


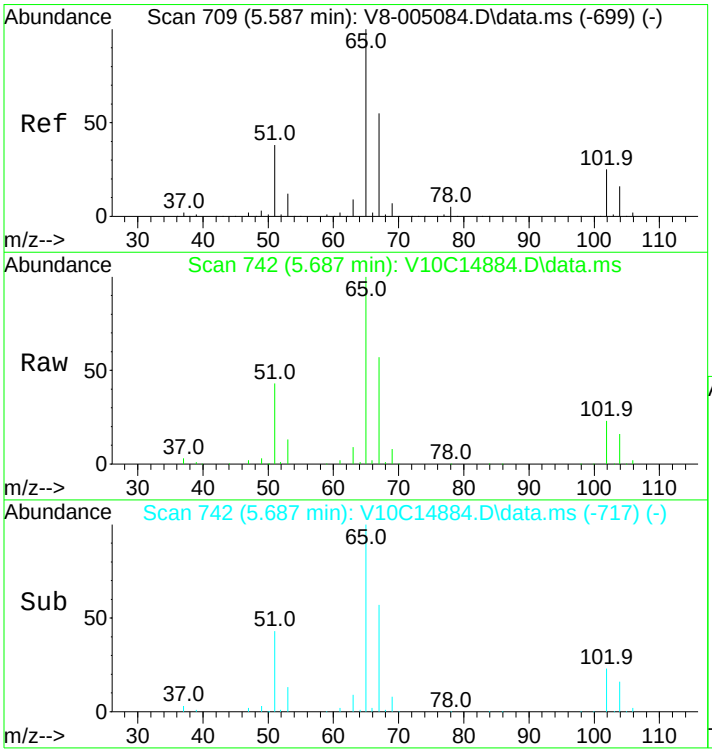


#23
Methylene Chloride
Concen: 1.33 ppb
RT: 3.694 min Scan# 415
Delta R.T. -0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 49 Resp: 38215

Ion	Ratio	Lower	Upper
49	100		
84	81.0	52.4	108.8
86	49.9	33.1	68.9
51	31.2	20.1	41.7

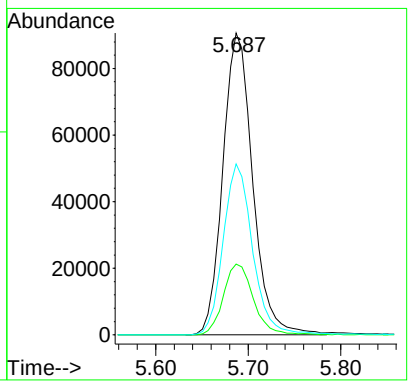


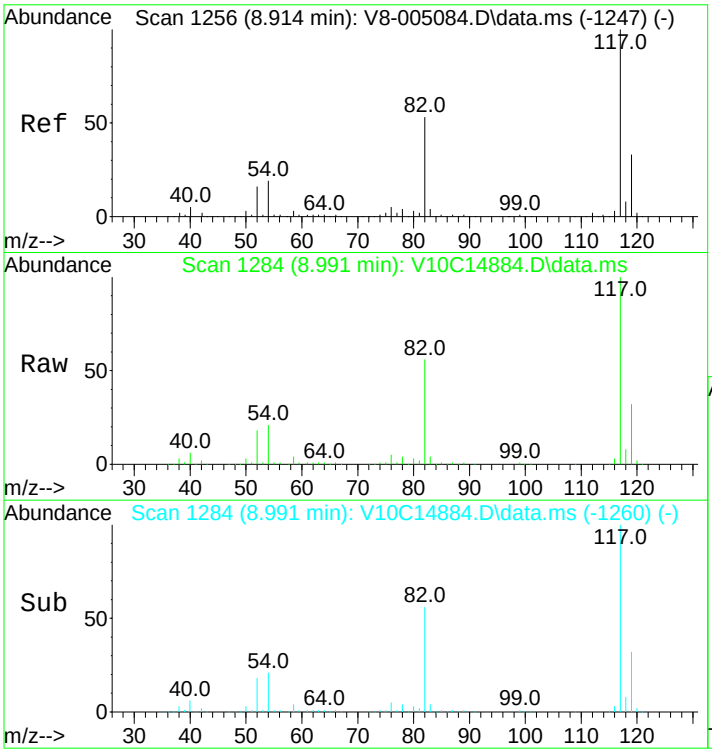


#41
d4-1,2-Dichloroethane (SURR)
Concen: 9.85 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 65 Resp: 203759

Ion	Ratio	Lower	Upper
65	100		
102	23.5	15.0	31.1
67	56.0	37.3	77.5

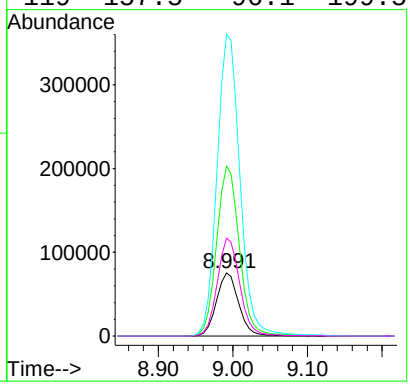


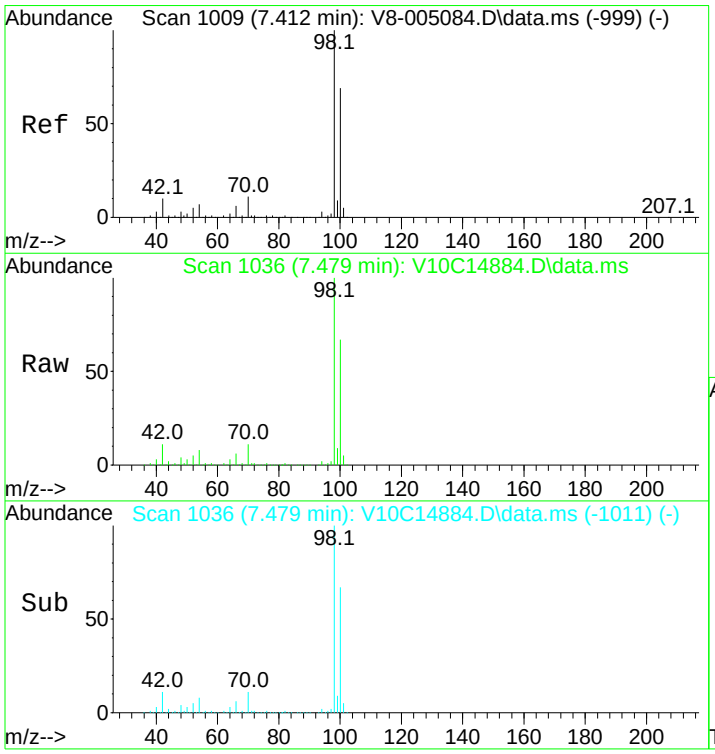


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. -0.006 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 54 Resp: 157022

Ion	Ratio	Lower	Upper
54	100		
82	274.4	169.3	351.7
117	492.9	298.8	620.6
119	157.5	96.1	199.5

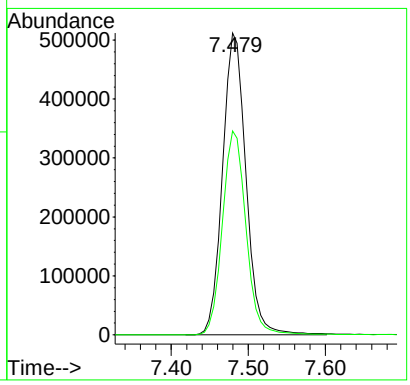


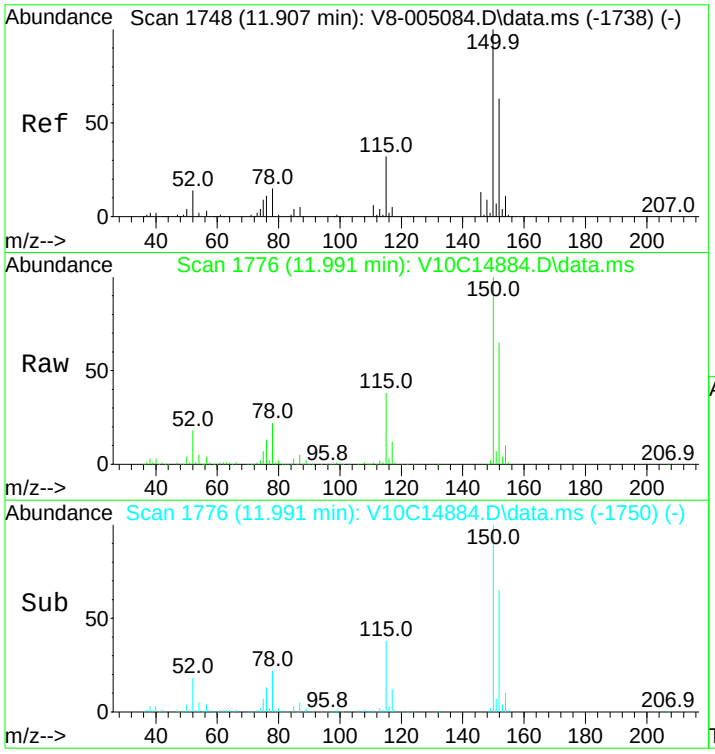


#59
Toluene-d8 (SURR)
Concen: 10.09 ppb
RT: 7.479 min Scan# 1036
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 98 Resp: 1084182

Ion	Ratio	Lower	Upper
98	100		
100	67.7	43.6	90.5

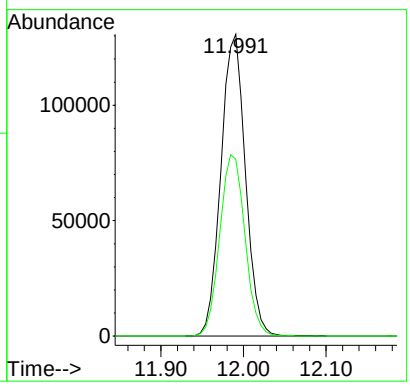


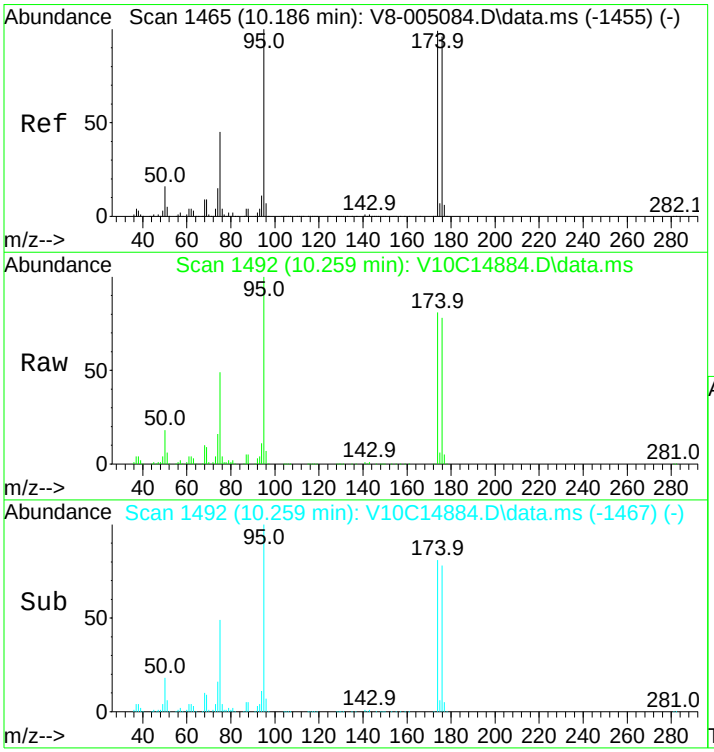


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion:152 Resp: 269508

Ion	Ratio	Lower	Upper
152	100		
115	61.8	40.2	83.4

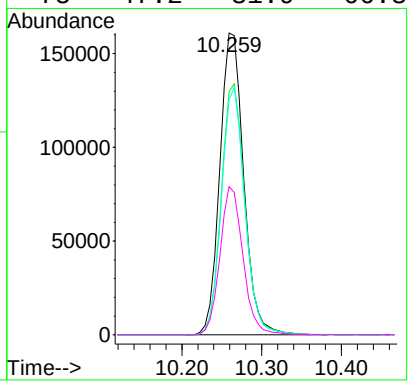




#81
p-Bromofluorobenzene (SURR)
Concen: 10.19 ppb
RT: 10.259 min Scan# 1492
Delta R.T. 0.000 min
Lab File: V10C14884.D
Acq: 31 Aug 2025 12:52 am

Tgt Ion: 95 Resp: 335919

Ion	Ratio	Lower	Upper
95	100		
174	82.1	51.9	107.9
176	79.9	50.9	105.7
75	47.2	31.9	66.3



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-15 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-07	File ID:	V10C14894.D
Sampled:	08/27/25 12:40	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 05:37
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-15 (20252708)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Ground Water	Laboratory ID:	25H1840-07	File ID:	V10C14894.D
Sampled:	08/27/25 12:40	Prepared:	08/30/25 09:00	Analyzed:	08/31/25 05:37
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.54	95.4	69 - 130	
SURR: Toluene-d8	10.0	9.85	98.5	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.9	109	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	109658	5.962	107041	5.962	
ISTD: Chlorobenzene-d5	146219	8.992	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	220966	11.991	273033	11.991	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14894.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 5:37 am
Operator : PMB
Sample : 25H1840-07 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 76
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:03 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

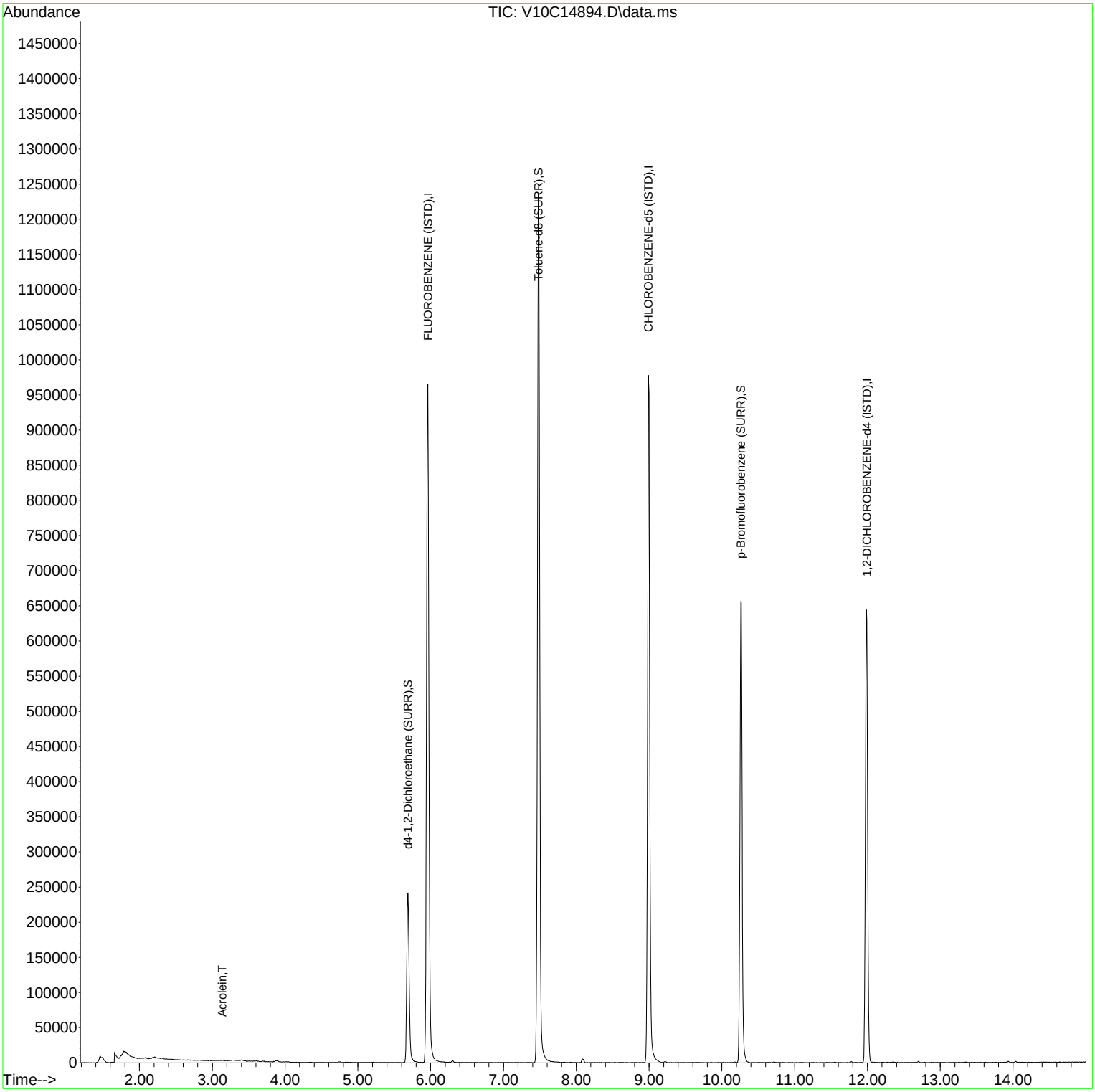
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	109658	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	146219	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	220966	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	187854	9.54	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 95.40%			
59) Toluene-d8 (SURR)	7.480	98	985851	9.85	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.50%			
81) p-Bromofluorobenzene (...	10.260	95	295558	10.93	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 109.30%			
Target Compounds						Qvalue
16) Acrolein	3.133	56	293	0.22	ppb	97

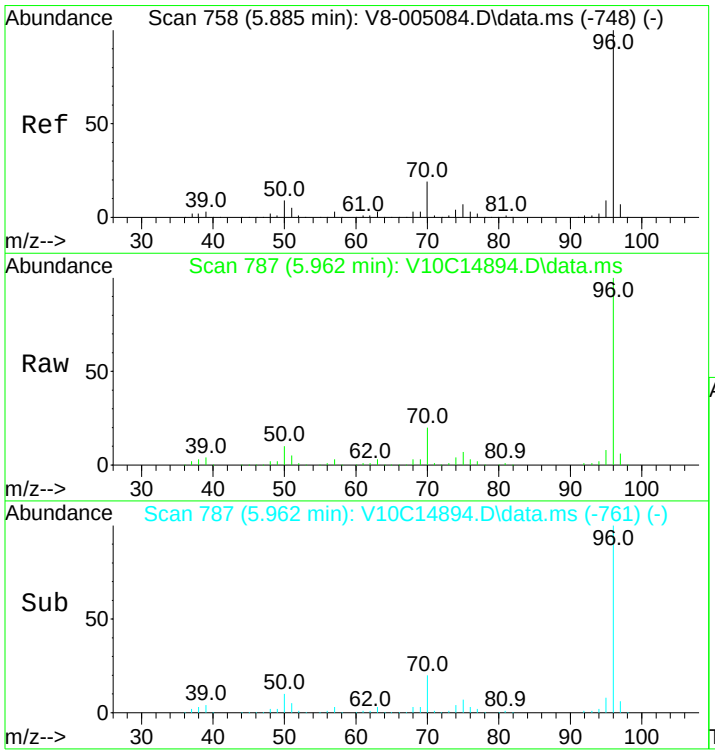
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14894.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 5:37 am
Operator : PMB
Sample : 25H1840-07 A
Misc : 8260 Multiplr: 1.00
ALS Vial : 76
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:03 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

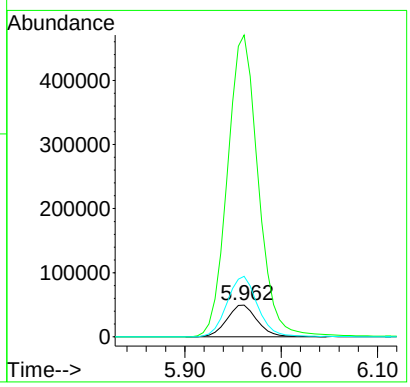


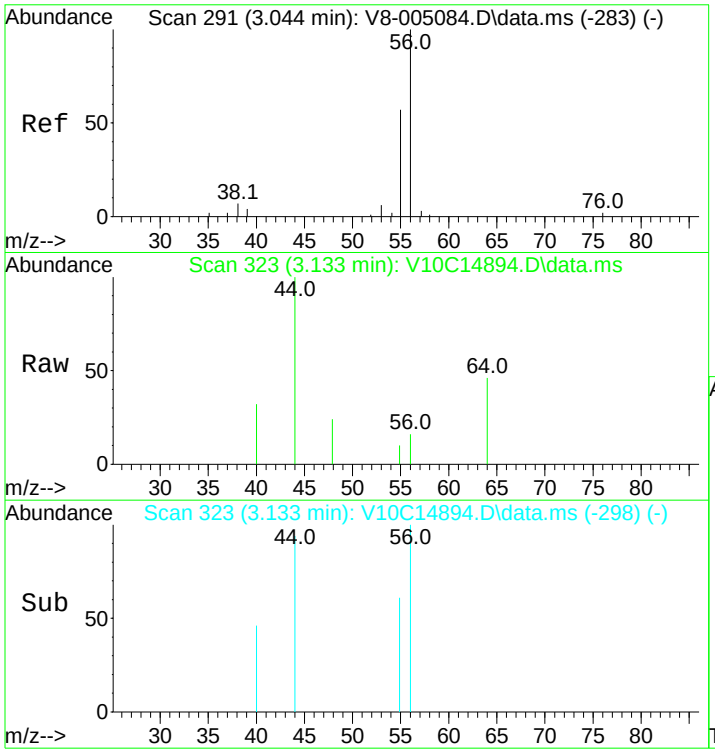


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.962 min Scan# 787
Delta R.T. 0.007 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 50 Resp: 109658

Ion	Ratio	Lower	Upper
50	100		
96	958.8	597.9	1241.7
70	192.3	117.9	244.9

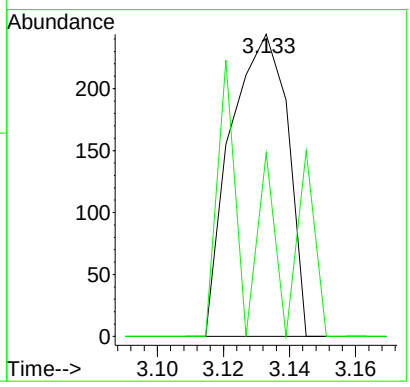


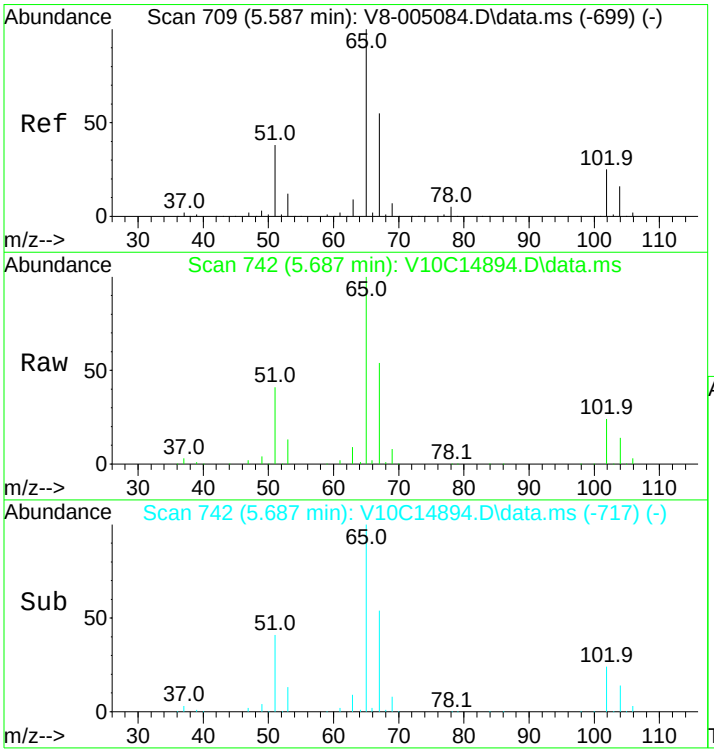


#16
Acrolein
Concen: 0.22 ppb
RT: 3.133 min Scan# 323
Delta R.T. -0.000 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 56 Resp: 293

Ion	Ratio	Lower	Upper
56	100		
55	65.2	44.2	91.8

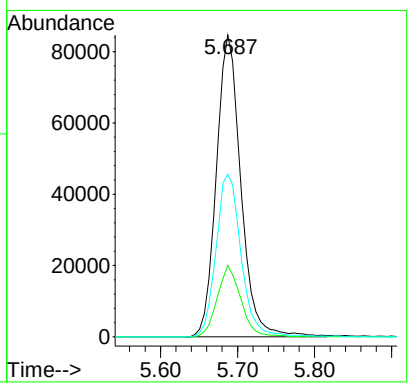


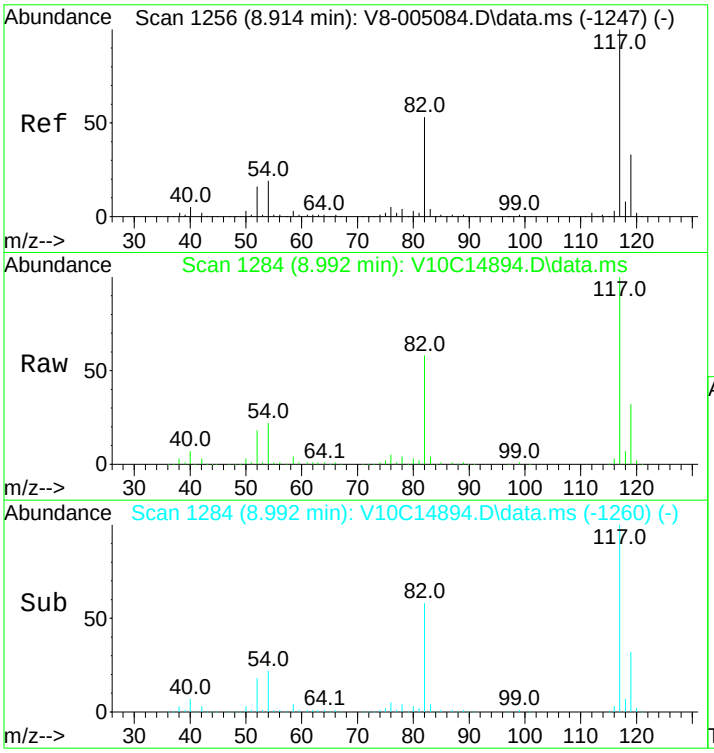


#41
d4-1,2-Dichloroethane (SURR)
Concen: 9.54 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 65 Resp: 187854

Ion	Ratio	Lower	Upper
65	100		
102	22.7	15.0	31.1
67	55.1	37.3	77.5

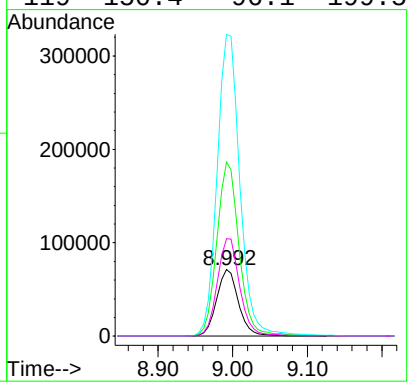


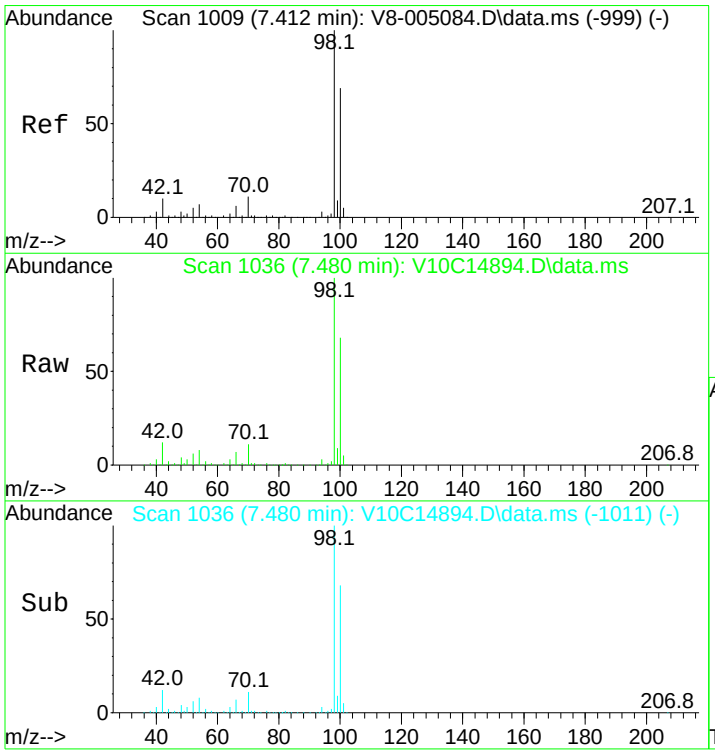


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.992 min Scan# 1284
Delta R.T. -0.005 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 54 Resp: 146219

Ion	Ratio	Lower	Upper
54	100		
82	264.7	169.3	351.7
117	469.6	298.8	620.6
119	150.4	96.1	199.5

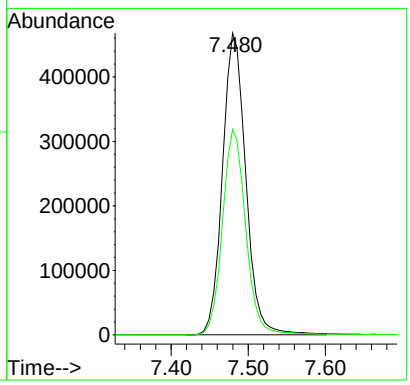


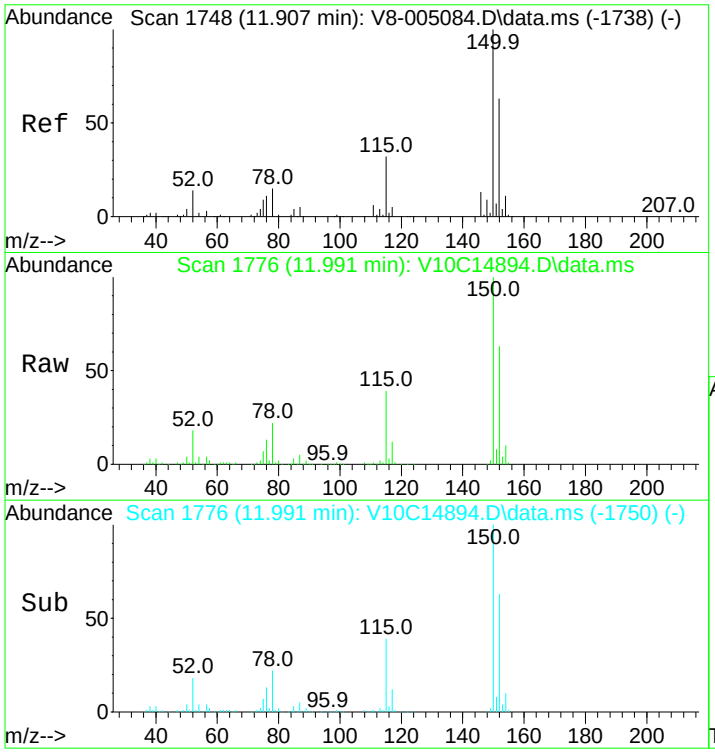


#59
Toluene-d8 (SURR)
Concen: 9.85 ppb
RT: 7.480 min Scan# 1036
Delta R.T. 0.001 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 98 Resp: 985851

Ion	Ratio	Lower	Upper
98	100		
100	67.7	43.6	90.5

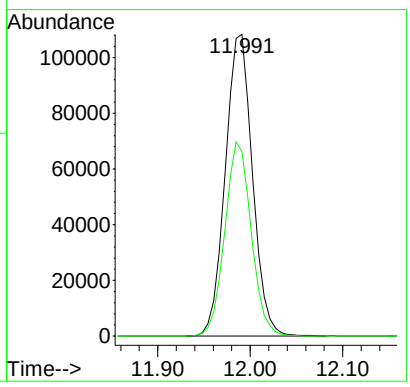


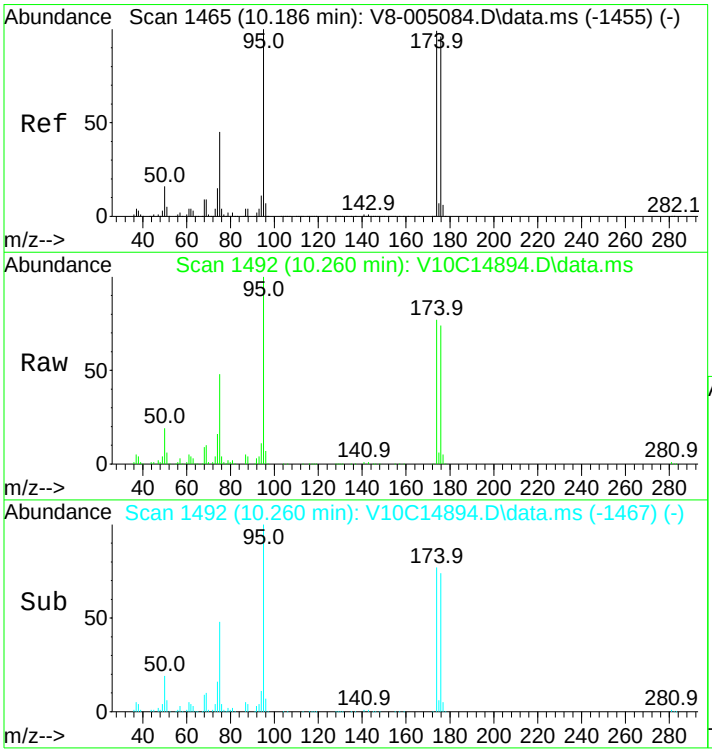


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion:152 Resp: 220966

Ion	Ratio	Lower	Upper
152	100		
115	62.5	40.2	83.4

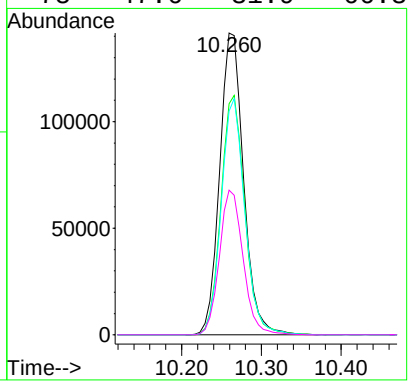




#81
p-Bromofluorobenzene (SURR)
Concen: 10.93 ppb
RT: 10.260 min Scan# 1492
Delta R.T. 0.001 min
Lab File: V10C14894.D
Acq: 31 Aug 2025 5:37 am

Tgt Ion: 95 Resp: 295558

Ion	Ratio	Lower	Upper
95	100		
174	79.2	51.9	107.9
176	77.1	50.9	105.7
75	47.6	31.9	66.3



FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SH50062

SDG: 25H1840

Project: 23005 - 170 Freeman St Brooklyn

Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.1	~~1.240595~~	0.25	~~1.052802~~	0.5	1.127669	1	1.157001	2	1.062334	4	1.104912
1,1,1-Trichloroethane	0.1	~~2.930974~~	0.25	~~2.995835~~	0.5	3.074999	1	3.127791	2	2.934308	4	3.087631
1,1,2,2-Tetrachloroethane	0.1	~~0.3804514~~	0.25	~~0.4230826~~	0.5	0.426893	1	0.425528	2	0.4079848	4	0.4459738
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	0.1	~~1.930713~~	0.25	~~2.059162~~	0.5	2.098693	1	2.148933	2	1.999056	4	2.014883
1,1,2-Trichloroethane	0.1	~~0.8372019~~	0.25	~~0.778931~~	0.5	0.7684187	1	0.8535726	2	0.7502507	4	0.7635526
1,1-Dichloroethane	0.1	~~4.014137~~	0.25	~~3.913747~~	0.5	3.975609	1	4.02664	2	3.758624	4	3.995977
1,1-Dichloroethylene	0.1	~~2.96588~~	0.25	~~3.106163~~	0.5	3.117495	1	3.099962	2	2.910873	4	3.027803
1,1-Dichloropropylene	0.1	~~2.981151~~	0.25	~~3.14949~~	0.5	3.31404	1	3.285118	2	3.081944	4	3.23883
1,2,3-Trichlorobenzene	0.1	~~0.271817~~	0.25	~~0.1721293~~	0.5	0.1937154	1	0.1780185	2	0.2048178	4	0.2094091
1,2,3-Trichloropropane	0.1	~~2.496279E-02~~	0.25	~~0.1129198~~	0.5	0.1022045	1	0.120617	2	0.11556	4	0.1218412
1,2,3-Trimethylbenzene	0.1	~~2.269765~~	0.25	~~2.180855~~	0.5	2.357138	1	2.56092	2	2.472025	4	2.613342
1,2,4,5-Tetramethylbenzene	0.1	~~1.6346~~	0.25	~~1.322408~~	0.5	1.374556	1	1.514542	2	1.561979	4	1.717824
1,2,4-Trichlorobenzene	0.1	~~0.4331506~~	0.25	~~0.3325268~~	0.5	0.3201461	1	0.3336117	2	0.3362841	4	0.3456184
1,2,4-Trimethylbenzene	0.1	~~2.572092~~	0.25	~~2.390746~~	0.5	2.524356	1	2.700132	2	2.627317	4	2.812826
1,2-Dibromo-3-chloropropa ne	0.1	~~2.357597E-02~~	0.25	~~0~~	0.5	0.0347306	1	3.714487E-02	2	3.917439E-02	4	4.557994E-02
1,2-Dibromoethane	0.1	~~0.6779254~~	0.25	~~0.6744915~~	0.5	0.6641626	1	0.7103492	2	0.6337428	4	0.6745515
1,2-Dichlorobenzene	0.1	~~1.270791~~	0.25	~~1.188041~~	0.5	1.104282	1	1.134787	2	1.072076	4	1.10045
1,2-Dichloroethane	0.1	~~2.39212~~	0.25	~~2.079262~~	0.5	1.899935	1	1.879278	2	1.678096	4	1.73333
1,2-Dichloropropane	0.1	~~1.595166~~	0.25	~~1.620267~~	0.5	1.530782	1	1.569048	2	1.453069	4	1.449204
1,3,5-Trimethylbenzene	0.1	~~2.976581~~	0.25	~~2.737755~~	0.5	2.79605	1	2.930154	2	2.835615	4	3.020202
1,3-Dichlorobenzene	0.1	~~1.570806~~	0.25	~~1.401598~~	0.5	1.377489	1	1.403707	2	1.348594	4	1.402611
1,3-Dichloropropane	0.1	~~1.600768~~	0.25	~~1.519708~~	0.5	1.405903	1	1.464515	2	1.346628	4	1.423585
1,4-Dichlorobenzene	0.1	~~1.621657~~	0.25	~~1.413514~~	0.5	1.340014	1	1.377175	2	1.313859	4	1.345017
1,4-Dioxane	2.5	~~0~~	6.25	5.988295E-03	12.5	5.682534E-03	25	6.110221E-03	50	5.488315E-03	100	6.039911E-03
2,2-Dichloropropane	0.1	~~3.000785~~	0.25	~~3.008342~~	0.5	2.951495	1	3.05126	2	2.798522	4	2.92182
2-Butanone	0.1	~~0~~	0.25	~~0~~	0.5	1.173072E-02	1	8.707947E-02	2	9.547027E-02	4	0.1120365
2-Chloroethylvinyl ether	0.1	~~0~~	0.25	~~0~~	0.5	~~0~~	1	3.268183E-02	2	0.0389868	4	4.762196E-02
2-Chlorotoluene	0.1	~~3.10232~~	0.25	~~2.833627~~	0.5	2.844692	1	2.915803	2	2.818727	4	2.992228
2-Hexanone	0.1	~~5.522651E-02~~	0.25	~~0.3146118~~	0.5	0.2946014	1	0.3183275	2	0.3030714	4	0.3357645
2-Nitropropane	0.5	0.1128542	1.25	0.1348336	2.5	0.1307376	5	0.1357097	10	0.12702	20	0.1412935

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SH50062

SDG: 25H1840

Project: 23005 - 170 Freeman St Brooklyn

Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	0.1	~~2.602602~~	0.25	~~2.372782~~	0.5	2.478743	1	2.515008	2	2.437825	4	2.56617
4-Methyl-2-pentanone	0.1	~~0.4578198~~	0.25	~~0.5826624~~	0.5	0.4703803	1	0.5246716	2	0.4545694	4	0.4886333
Acetone	0.1	~~0.2694271~~	0.25	~~0.1701823~~	0.5	7.060568E-02	1	0.1087371	2	8.860229E-02	4	9.583372E-02
Acrolein	0.4	0.1418037	1	0.1210483	2	0.1126592	4	0.1193135	8	0.1063883	16	0.1090947
Acrylonitrile	0.5	0.2194686	1.25	0.2747038	2.5	0.2472748	5	0.2733128	10	0.2524798	20	0.2716376
Allyl chloride	0.1	~~2.913522~~	0.25	~~2.932854~~	0.5	3.389294	1	2.909756	2	2.834329	4	2.980682
Benzene	0.1	~~9.912082~~	0.25	~~9.819209~~	0.5	9.476212	1	9.533968	2	8.967652	4	9.295636
Bromobenzene	0.1	~~1.439058~~	0.25	~~1.201056~~	0.5	1.25844	1	1.25342	2	1.16526	4	1.239766
Bromochloromethane	0.1	~~1.382041~~	0.25	~~1.401213~~	0.5	1.362977	1	1.397536	2	1.286935	4	1.365885
Bromodichloromethane	0.1	~~1.62478~~	0.25	~~1.581466~~	0.5	1.543384	1	1.538209	2	1.437949	4	1.518092
Bromoform	0.1	~~0.2961421~~	0.25	~~0.3139651~~	0.5	0.3330633	1	0.3599007	2	0.3319156	4	0.3689038
Bromomethane	0.1	~~1.018805~~	0.25	~~0.7200366~~	0.5	0.7381503	1	0.6936059	2	0.6119325	4	0.6439358
Carbon disulfide	0.1	~~7.890833~~	0.25	~~6.601378~~	0.5	6.337026	1	6.194986	2	5.904058	4	5.922722
Carbon tetrachloride	0.1	~~2.410664~~	0.25	~~2.297685~~	0.5	2.515244	1	2.571874	2	2.375695	4	2.530657
Chlorobenzene	0.1	~~4.467745~~	0.25	~~4.091894~~	0.5	4.078593	1	4.123598	2	3.839709	4	3.831688
Chloroethane	0.1	~~2.081243~~	0.25	~~1.912206~~	0.5	1.743673	1	1.673362	2	1.511324	4	1.583853
Chloroform	0.1	~~3.812339~~	0.25	~~3.473328~~	0.5	3.477385	1	3.565209	2	3.349533	4	3.500501
Chloromethane	0.1	~~2.421572~~	0.25	~~2.282052~~	0.5	2.393953	1	2.398837	2	2.169078	4	2.19747
cis-1,2-Dichloroethylene	0.1	~~3.313844~~	0.25	~~3.244632~~	0.5	3.223515	1	3.253361	2	3.064958	4	3.24731
cis-1,3-Dichloropropylene	0.1	~~1.736033~~	0.25	~~1.797782~~	0.5	1.733729	1	1.847805	2	1.77488	4	1.884693
cis-decahydronaphthalene	0.1	~~0.3365354~~	0.25	~~0.2505866~~	0.5	0.2841853	1	0.2731648	2	0.263044	4	0.292976
Cyclohexane	0.1	~~4.429731~~	0.25	~~4.278233~~	0.5	4.379766	1	4.536661	2	4.258939	4	4.588382
Dibromochloromethane	0.1	~~0.7515607~~	0.25	~~0.7702008~~	0.5	0.8073716	1	0.8358699	2	0.7772097	4	0.8226707
Dibromomethane	0.1	~~0.3977909~~	0.25	~~0.5202574~~	0.5	0.5283186	1	0.5338033	2	0.5014366	4	0.5126512
Dichlorodifluoromethane	0.1	~~2.403028~~	0.25	~~2.663064~~	0.5	2.62724	1	2.57367	2	2.3769	4	2.355636
Diisopropyl ether (DIPE)	0.1	~~6.250273~~	0.25	~~6.052417~~	0.5	5.57807	1	6.146285	2	5.586925	4	6.050727
Ethanol	4	~~2.517016E-02~~	10	~~3.016158E-02~~	20	0.0264716	40	2.947068E-02	80	2.671438E-02	160	2.786301E-02
Ethyl Benzene	0.1	~~8.351209~~	0.25	~~7.776377~~	0.5	7.847036	1	7.68776	2	7.327444	4	7.431796
Ethyl Ether	0.1	~~1.096252~~	0.25	~~1.160456~~	0.5	1.063069	1	1.125973	2	1.03953	4	1.095708
Ethyl Methacrylate	0.1	~~0.8740195~~	0.25	~~0.8345459~~	0.5	0.8417417	1	0.9347965	2	0.8714341	4	0.9576926
Ethyl tert-butyl ether (ETBE)	0.1	~~4.671888~~	0.25	~~4.731159~~	0.5	4.46343	1	4.831901	2	4.426392	4	4.81162

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SH50062

SDG: 25H1840

Project: 23005 - 170 Freeman St Brooklyn

Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	0.1	~~0.1276234~~	0.25	~~0.1884959~~	0.5	0.2503292	1	0.1835851	2	0.1499423	4	0.1405544
Freon 123	0.1	~~2.861163~~	0.25	~~2.934194~~	0.5	3.047111	1	3.01176	2	2.829716	4	2.855052
Freon 152a	0.1	~~2.086697~~	0.25	~~2.073902~~	0.5	2.048671	1	2.040757	2	1.767432	4	1.835504
Freon 22	0.1	~~2.903704~~	0.25	~~2.599189~~	0.5	2.577661	1	2.657046	2	2.504928	4	2.474483
Hexachlorobutadiene	0.1	~~0.248241~~	0.25	~~0.183128~~	0.5	0.1875642	1	0.1973985	2	0.183089	4	0.1839224
Hexachloroethane	0.1	~~0.2029382~~	0.25	~~0.1904605~~	0.5	0.1960812	1	0.2587221	2	0.2483648	4	0.3088914
Iodomethane	0.1	~~0.6850212~~	0.25	~~0.649909~~	0.5	0.5936189	1	0.8202976	2	0.9321065	4	1.01853
Isopropylbenzene	0.1	~~3.850741~~	0.25	~~3.554957~~	0.5	3.853393	1	3.956229	2	3.965872	4	4.248373
Limonene	0.1	~~0.629617~~	0.25	~~0.6527717~~	0.5	0.6666951	1	0.7139199	2	0.7261094	4	0.8259761
Methyl acetate	0.1	~~0.6075745~~	0.25	~~0.6391888~~	0.5	0.5624108	1	0.5807168	2	0.5377477	4	0.5761504
Methyl Methacrylate	0.1	~~0.3433648~~	0.25	~~0.4264882~~	0.5	0.4274994	1	0.4452099	2	0.4265548	4	0.461665
Methyl tert-butyl ether (MTBE)	0.1	~~3.232035~~	0.25	~~3.436254~~	0.5	3.212005	1	3.456584	2	3.081367	4	3.265757
Methylcyclohexane	0.1	~~3.059068~~	0.25	~~3.190093~~	0.5	3.199044	1	3.226129	2	3.029885	4	3.114624
Methylene chloride	0.1	~~7.273441~~	0.25	~~4.546236~~	0.5	3.366054	1	2.918958	2	2.419629	4	2.350914
Naphthalene	0.1	~~0.8015828~~	0.25	~~0.5383854~~	0.5	0.4954079	1	0.5226122	2	0.5357701	4	0.5975901
n-butyl acetate	0.1	~~0.7139427~~	0.25	~~0.7908947~~	0.5	0.8065532	1	0.824976	2	0.7569999	4	0.8599659
n-Butylbenzene	0.1	~~2.570243~~	0.25	~~2.411827~~	0.5	2.558898	1	2.744845	2	2.59894	4	2.827095
n-Decane	0.1	~~0.3684322~~	0.25	~~0.3475583~~	0.5	0.349388	1	0.3436708	2	0.3476839	4	0.3742882
n-Hexane	0.1	~~4.040316~~	0.25	~~3.839153~~	0.5	3.722402	1	3.963238	2	3.520185	4	3.895786
Nitrobenzene	1	4.992557E-03	2.5	8.615633E-03	5	9.387672E-03	10	9.662282E-03	20	9.969838E-03	40	1.172213E-02
n-Nonane	0.1	~~0.7531615~~	0.25	~~0.7601772~~	0.5	0.7777478	1	0.7838033	2	0.7626556	4	0.794371
n-octane	0.1	~~0.8524092~~	0.25	~~0.8400427~~	0.5	0.8892053	1	0.8973086	2	0.8086555	4	0.8312344
n-Propylbenzene	0.1	~~4.696702~~	0.25	~~4.438517~~	0.5	4.535135	1	4.663366	2	4.583449	4	4.925993
n-undecane	0.1	~~8.736975E-02~~	0.25	~~0.1497654~~	0.5	0.1298376	1	0.1610842	2	0.1425091	4	0.1458138
o-Xylene	0.1	~~5.352169~~	0.25	~~4.918356~~	0.5	4.959288	1	5.251522	2	4.984126	4	5.159436
p- & m- Xylenes	0.2	~~6.014887~~	0.5	~~5.690659~~	1	5.51322	2	5.735221	4	5.416412	8	5.511653
p-Ethyltoluene	0.1	~~3.834099~~	0.25	~~3.439471~~	0.5	3.635452	1	3.730914	2	3.672934	4	3.857119
p-Isopropyltoluene	0.1	~~2.813399~~	0.25	~~2.621169~~	0.5	2.746273	1	2.91405	2	2.80987	4	3.011172
sec-Butylbenzene	0.1	~~3.190152~~	0.25	~~3.156805~~	0.5	3.35032	1	3.49854	2	3.35588	4	3.680425
Styrene	0.1	~~3.528093~~	0.25	~~3.577457~~	0.5	3.723271	1	4.096123	2	3.884314	4	4.062439

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SH50062

SDG: 25H1840

Project: 23005 - 170 Freeman St Brooklyn

Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	1.800624	10	1.852765	10	1.80039	10	1.847768	10	1.762189	10	1.852573
SURR: p-Bromofluorobenzene	10	1.214347	10	1.19503	10	1.207253	10	1.207647	10	1.213121	10	1.233426
SURR: Toluene-d8	10	7.030327	10	6.981545	10	7.061433	10	6.884428	10	6.779917	10	6.578055
tert-Amyl alcohol (TAA)	0.5	6.653868E-02	1.25	3.769919E-02	2.5	4.209781E-02	5	7.145903E-02	10	5.926392E-02	20	0.0688239
tert-Amyl methyl ether (TAME)	0.1	~~3.798159~~	0.25	~~4.033902~~	0.5	3.720189	1	4.223915	2	3.833595	4	4.205256
tert-Butyl alcohol (TBA)	0.5	~~0~~	1.25	4.171924E-02	2.5	4.192074E-02	5	6.086586E-02	10	4.992136E-02	20	6.005197E-02
tert-Butylbenzene	0.1	~~2.397814~~	0.25	~~2.227233~~	0.5	2.348905	1	2.395637	2	2.407864	4	2.581467
Tetrachloroethylene	0.1	~~2.324316~~	0.25	~~2.514308~~	0.5	2.621625	1	2.557914	2	2.408245	4	2.449374
Tetrahydrofuran	0.5	3.948689E-02	1.25	7.584505E-02	2.5	7.312889E-02	5	8.140135E-02	10	8.040264E-02	20	8.847073E-02
Toluene	0.1	~~8.006243~~	0.25	~~7.334368~~	0.5	7.413318	1	7.194809	2	6.745771	4	6.783458
trans-1,2-Dichloroethylene	0.1	~~2.797897~~	0.25	~~2.964121~~	0.5	2.888636	1	2.903921	2	2.773933	4	2.837884
trans-1,3-Dichloropropylene	0.1	~~1.218985~~	0.25	~~1.245514~~	0.5	1.211139	1	1.302307	2	1.226991	4	1.324581
trans-1,4-dichloro-2-butene	0.1	~~0.3753664~~	0.25	~~0.3763382~~	0.5	0.4029507	1	0.4222519	2	0.4101041	4	0.4288758
trans-decahydronaphthalene	0.1	~~0.3416204~~	0.25	~~0.3547074~~	0.5	0.3944336	1	0.4091935	2	0.3862783	4	0.4029249
Trichloroethylene	0.1	~~1.967344~~	0.25	~~1.710156~~	0.5	1.796578	1	1.74207	2	1.604529	4	1.604376
Trichlorofluoromethane	0.1	~~2.8568~~	0.25	~~3.239718~~	0.5	3.158664	1	3.348071	2	3.015099	4	3.101276
Vinyl acetate	0.1	~~0~~	0.25	~~7.682773E-02~~	0.5	0.1573688	1	0.1874004	2	0.1810842	4	0.2031998
Vinyl Chloride	0.1	~~2.563375~~	0.25	~~2.627776~~	0.5	2.676597	1	2.777341	2	2.510695	4	2.581562

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Calibration: SH50062
Instrument: VOA No. 10
Calibration Date: 08/28/25 14:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	10	1.134053	20	1.247656	40	1.173181	80	1.329042				
1,1,1-Trichloroethane	10	2.993687	20	3.15725	40	3.24935	80	3.280514				
1,1,2,2-Tetrachloroethane	10	0.4657651	20	0.4324267	40	0.4811862	80	0.4499358				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	1.836948	20	1.937873	40	1.893507	80	1.88467				
1,1,2-Trichloroethane	10	0.7672145	20	0.8262137	40	0.7748271	80	0.8577945				
1,1-Dichloroethane	10	3.941718	20	3.987202	40	4.086396	80	4.089898				
1,1-Dichloroethylene	10	2.859346	20	2.967642	40	2.96834	80	2.918746				
1,1-Dichloropropylene	10	3.169989	20	3.212498	40	3.320671	80	3.314981				
1,2,3-Trichlorobenzene	10	0.2107028	20	0.2118623	40	0.2366997	80	0.2410377				
1,2,3-Trichloropropane	10	0.1239502	20	0.1166748	40	0.1283736	80	0.1240932				
1,2,3-Trimethylbenzene	10	2.773955	20	2.586479	40	2.890947	80	2.743319				
1,2,4,5-Tetramethylbenzene	10	1.895098	20	1.830955	40	2.054129	80	1.977064				
1,2,4-Trichlorobenzene	10	0.37004	20	0.3778364	40	0.4190895	80	0.4279498				
1,2,4-Trimethylbenzene	10	2.961441	20	2.81824	40	3.127226	80	2.967404				
1,2-Dibromo-3-chloropropane	10	5.028025E-02	20	4.562448E-02	40	5.391865E-02	80	5.046142E-02				
1,2-Dibromoethane	10	0.6846017	20	0.7496663	40	0.6824588	80	0.7569746				
1,2-Dichlorobenzene	10	1.142389	20	1.104834	40	1.186466	80	1.168181				
1,2-Dichloroethane	10	1.707635	20	1.752052	40	1.787998	80	1.809378				
1,2-Dichloropropane	10	1.570198	20	1.540167	40	1.480993	80	1.599825				
1,3,5-Trimethylbenzene	10	3.132531	20	2.956107	40	3.203305	80	3.063255				
1,3-Dichlorobenzene	10	1.444284	20	1.395256	40	1.495439	80	1.481432				
1,3-Dichloropropane	10	1.463634	20	1.516107	40	1.475243	80	1.553242				
1,4-Dichlorobenzene	10	1.408345	20	1.369392	40	1.476268	80	1.454859				
1,4-Dioxane	250	5.802268E-03	500	6.194071E-03	1000	5.757849E-03	2000	6.561245E-03				
2,2-Dichloropropane	10	2.838593	20	2.952565	40	3.026488	80	3.038492				
2-Butanone	10	0.108843	20	0.1081693	40	0.108032	80	0.1139421				
2-Chloroethylvinyl ether	10	2.762885E-02	20	2.207236E-02	40	~~1.236728E-02~~	80	~~8.338378E-03~~				
2-Chlorotoluene	10	3.194591	20	2.939938	40	3.339158	80	3.078691				
2-Hexanone	10	0.363526	20	0.354228	40	0.3699308	80	0.37928				
2-Nitropropane	50	0.1510386	100	0.1597856	200	0.1669311	400	0.1777909				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	10	2.712255	20	2.521651	40	2.801811	80	2.587971				
4-Methyl-2-pentanone	10	0.533629	20	0.5302009	40	0.5597828	80	0.574238				
Acetone	10	8.908168E-02	20	8.189319E-02	40	8.249152E-02	80	0.0794386				
Acrolein	40	0.1115884	80	0.1239779	160	0.1327006	320	0.1381598				
Acrylonitrile	50	0.2566131	100	0.2663502	200	0.2771929	400	0.286236				
Allyl chloride	10	2.85017	20	2.833629	40	2.824864	80	2.617581				
Benzene	10	9.039352	20	9.26323	40	9.407307	80	9.35547				
Bromobenzene	10	1.354008	20	1.232786	40	1.411423	80	1.289088				
Bromochloromethane	10	1.383478	20	1.344206	40	1.344506	80	1.259209				
Bromodichloromethane	10	1.595596	20	1.664691	40	1.593875	80	1.756757				
Bromoform	10	0.3810844	20	0.4478649	40	0.4229196	80	0.5030409				
Bromomethane	10	0.7033824	20	0.9233874	40	1.042118	80	1.227657				
Carbon disulfide	10	5.491414	20	5.705266	40	5.592082	80	5.50034				
Carbon tetrachloride	10	2.408485	20	2.605147	40	2.733655	80	2.781619				
Chlorobenzene	10	3.861147	20	4.121133	40	3.882939	80	4.276594				
Chloroethane	10	1.520947	20	1.569422	40	1.528609	80	1.578285				
Chloroform	10	3.379405	20	3.503176	40	3.601629	80	3.600533				
Chloromethane	10	1.953862	20	2.109794	40	1.894278	80	2.025076				
cis-1,2-Dichloroethylene	10	3.204351	20	3.24148	40	3.334595	80	3.328243				
cis-1,3-Dichloropropylene	10	2.03478	20	2.0743	40	2.03847	80	2.187578				
cis-decahydronaphthalene	10	0.3133585	20	0.3305787	40	0.3606539	80	0.3783196				
Cyclohexane	10	4.619877	20	4.538541	40	4.561231	80	4.494799				
Dibromochloromethane	10	0.8383113	20	0.9425098	40	0.888287	80	1.020416				
Dibromomethane	10	0.5164777	20	0.5535583	40	0.5096919	80	0.5757762				
Dichlorodifluoromethane	10	1.692117	20	1.992678	40	~~1.239045~~	80	~~1.17619~~				
Diisopropyl ether (DIPE)	10	6.310019	20	6.08949	40	6.28819	80	6.294769				
Ethanol	400	2.643957E-02	800	2.713582E-02	1600	2.909228E-02	3200	2.997212E-02				
Ethyl Benzene	10	7.666861	20	8.077211	40	7.935556	80	8.391174				
Ethyl Ether	10	1.04336	20	1.104123	40	1.132191	80	1.155037				
Ethyl Methacrylate	10	1.044373	20	1.107224	40	1.107577	80	1.191301				
Ethyl tert-butyl ether (ETBE)	10	4.806423	20	4.860538	40	4.769544	80	4.692325				

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25H1840
Client: Hydro Tech Environmental
Project: 23005 - 170 Freeman St Brooklyn
Calibration: SH50062
Instrument: VOA No. 10
Calibration Date: 08/28/25 14:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	10	6.840369E-02	20	9.970248E-02	40	~~2.228308E-02~~	80	~~2.022591E-02~~				
Freon 123	10	2.73611	20	2.875694	40	2.977807	80	2.955323				
Freon 152a	10	1.614717	20	1.763547	40	1.434174	80	1.385167				
Freon 22	10	2.223375	20	2.411381	40	1.973175	80	2.039036				
Hexachlorobutadiene	10	0.1824511	20	0.1880356	40	0.2047734	80	0.212692				
Hexachloroethane	10	0.3536254	20	0.3743275	40	0.4427697	80	0.4535773				
Iodomethane	10	1.355136	20	1.429712	40	1.744193	80	1.657103				
Isopropylbenzene	10	4.488781	20	4.232697	40	4.682059	80	4.427023				
Limonene	10	0.9294395	20	0.8998192	40	1.07134	80	0.9747743				
Methyl acetate	10	0.5219396	20	0.5555854	40	0.5682016	80	~~0.5823796~~				
Methyl Methacrylate	10	0.4870803	20	0.5034371	40	0.4767768	80	0.5444087				
Methyl tert-butyl ether (MTBE)	10	2.865669	20	3.06267	40	2.964864	80	3.182979				
Methylcyclohexane	10	3.215318	20	3.315726	40	3.071098	80	3.458933				
Methylene chloride	10	2.199881	20	2.187462	40	2.252242	80	2.241146				
Naphthalene	10	0.6544973	20	0.6524722	40	0.7458774	80	0.7387917				
n-butyl acetate	10	0.9674236	20	0.9805822	40	1.027056	80	1.043991				
n-Butylbenzene	10	2.94992	20	2.809929	40	3.19195	80	2.97445				
n-Decane	10	0.4393683	20	0.5453331	40	0.9910216	80	1.111274				
n-Hexane	10	3.451948	20	3.734723	40	3.328054	80	3.632238				
Nitrobenzene	100	1.357117E-02	200	1.302979E-02	400	1.784435E-02	800	1.819234E-02				
n-Nonane	10	0.8745298	20	0.9743065	40	1.117791	80	~~1.457689~~				
n-octane	10	0.8646839	20	0.9507726	40	0.8911182	80	1.031439				
n-Propylbenzene	10	5.25508	20	4.901901	40	5.502131	80	5.083634				
n-undecane	10	0.1464991	20	0.3154626	40	0.526632	80	~~0.5573981~~				
o-Xylene	10	5.424419	20	5.712012	40	5.538517	80	5.934322				
p- & m- Xylenes	20	5.677682	40	5.935231	80	5.78526	160	6.055405				
p-Ethyltoluene	10	4.125258	20	3.913194	40	4.42077	80	4.147997				
p-Isopropyltoluene	10	3.130013	20	3.014189	40	3.308822	80	3.188523				
sec-Butylbenzene	10	3.871895	20	3.708868	40	4.103926	80	3.900776				
Styrene	10	4.197437	20	4.501369	40	4.287876	80	4.653871				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	1.677147	10	1.798643	10	1.747222	10	1.808824				
SURR: p-Bromofluorobenzene	10	1.284524	10	1.202841	10	1.270248	10	1.205699				
SURR: Toluene-d8	10	6.553265	10	7.019073	10	6.452456	10	7.094616				
tert-Amyl alcohol (TAA)	50	6.339297E-02	100	6.738727E-02	200	0.0685967	400	7.469444E-02				
tert-Amyl methyl ether (TAME)	10	4.077675	20	4.308619	40	4.324467	80	4.33426				
tert-Butyl alcohol (TBA)	50	5.783032E-02	100	6.906269E-02	200	7.934367E-02	400	9.124928E-02				
tert-Butylbenzene	10	2.702215	20	2.626659	40	2.875963	80	2.771738				
Tetrachloroethylene	10	2.408643	20	2.669103	40	2.531673	80	2.95806				
Tetrahydrofuran	50	8.610473E-02	100	9.166403E-02	200	9.239506E-02	400	9.783911E-02				
Toluene	10	6.984603	20	7.198904	40	7.016988	80	7.410405				
trans-1,2-Dichloroethylene	10	2.764046	20	2.815709	40	2.904583	80	2.879463				
trans-1,3-Dichloropropylene	10	1.448455	20	1.534532	40	1.505612	80	1.614789				
trans-1,4-dichloro-2-butene	10	0.4716637	20	0.4394084	40	0.5173117	80	0.4844278				
trans-decahydronaphthalene	10	0.4147909	20	0.4338558	40	0.4754125	80	~~0.5121697~~				
Trichloroethylene	10	1.636846	20	1.70365	40	1.616151	80	1.791233				
Trichlorofluoromethane	10	2.881461	20	2.985868	40	2.868415	80	2.794598				
Vinyl acetate	10	0.2028768	20	0.2260239	40	0.2082719	80	0.220139				
Vinyl Chloride	10	2.379726	20	2.527885	40	2.298655	80	2.350372				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.166981	7.267062	9.11225	4.187017E-02			20	
1,1,1-Trichloroethane	3.113191	3.78285	5.336	6.335893E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4419617	5.359374	10.464	3.392533E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.97682	5.506153	3.1435	8.767817E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.7952306	5.465772	8.0175	3.879498E-02			SPCC (0.1)	
1,1-Dichloroethane	3.982758	2.621554	4.346	1.756087E-02			SPCC (0.2)	
1,1-Dichloroethylene	2.983776	3.072824	3.175125	6.642346E-03			SPCC (0.1)	
1,1-Dichloropropylene	3.242259	2.613114	5.48525	4.007454E-02			20	
1,2,3-Trichlorobenzene	0.2107829	9.805876	14.408	1.752739E-02			20	
1,2,3-Trichloropropane	0.1191643	6.714238	10.51138	3.012102E-02			20	
1,2,3-Trimethylbenzene	2.624766	6.564091	11.5995	1.303581E-02			20	
1,2,4,5-Tetramethylbenzene	1.740768	13.79665	12.783	1.033462E-02			20	
1,2,4-Trichlorobenzene	0.366322	10.94949	13.832	2.320825E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.817368	7.035422	11.1115	1.956272E-02			20	
1,2-Dibromo-3-chloropropane	4.461432E-02	15.57267	12.93675	2.520797E-03			SPCC (0.05)	
1,2-Dibromoethane	0.6945634	6.071946	8.553	2.705998E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.126683	3.397597	12.009	1.522872E-02			SPCC (0.4)	
1,2-Dichloroethane	1.780963	4.438511	5.76	2.473489E-02			SPCC (0.1)	
1,2-Dichloropropane	1.524161	3.735846	6.5515	3.835474E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.992152	4.696554	10.686	2.555815E-02			20	
1,3-Dichlorobenzene	1.418601	3.586989	11.47375	2.121246E-03			SPCC (0.6)	
1,3-Dichloropropane	1.456107	4.427398	8.187	2.473274E-02			20	
1,4-Dichlorobenzene	1.385616	4.113452	11.57675	2.324979E-02			SPCC (0.5)	
1,4-Dioxane	5.958301E-03	5.344467	6.687	4.246423E-02			20	
2,2-Dichloropropane	2.947404	3.142236	4.86925	3.921691E-02			20	
2-Butanone	9.316292E-02	36.634	4.306375	40.40616		0.9998941	SPCC (0.1)	
2-Chloroethylvinyl ether	3.379836E-02	29.39505	7.094	0.0429589			20	*
2-Chlorotoluene	3.015479	5.944245	10.62575	1.950598E-02			20	
2-Hexanone	0.3398412	9.375913	8.22975	4.895016E-02			SPCC (0.1)	
2-Nitropropane	0.1437995	13.83142	7.083	4.092089E-02			20	
4-Chlorotoluene	2.577679	4.751323	10.74775	1.353175E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.5170132	8.170765	7.382	8.715368E-03			SPCC (0.1)	
Acetone	8.708547E-02	13.2338	3.28275	0.1673577			SPCC (0.1)	
Acrolein	0.1216734	10.19446	3.1287	0.1632529			20	
Acrylonitrile	0.262527	7.362147	3.9764	7.759668E-02			20	
Allyl chloride	2.905038	7.613364	3.54775	5.792697E-02			20	
Benzene	9.292353	2.151047	5.699	6.043099E-03			SPCC (0.5)	
Bromobenzene	1.275524	5.989502	10.436	1.420141E-02			20	
Bromochloromethane	1.343092	3.52647	5.14375	4.880147E-02			20	
Bromodichloromethane	1.581069	6.138698	6.83225	3.129069E-02			SPCC (0.2)	
Bromoform	0.3935867	15.23034	9.961	1.768706E-02			SPCC (0.1)	
Bromomethane	0.8230212	26.64788	2.29925	0.1298251		0.9994951	SPCC (0.1)	
Carbon disulfide	5.830987	5.422646	3.404	9.493885E-02			SPCC (0.1)	
Carbon tetrachloride	2.565297	5.532819	5.4785	0.0482881			SPCC (0.1)	
Chlorobenzene	4.001925	4.219565	9.02425	3.856766E-02			SPCC (0.5)	
Chloroethane	1.588684	5.095744	2.401	1.294433E-02			SPCC (0.1)	
Chloroform	3.497171	2.69821	5.20625	4.475556E-02			SPCC (0.2)	
Chloromethane	2.142794	8.725825	1.83475	0.1147818			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.237227	2.586909	4.90175	4.719931E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.947029	8.212754	7.251	4.091648E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.3120351	13.35328	12.53537	3.180157E-02			20	
Cyclohexane	4.497274	2.674797	5.3475	4.975468E-02			SPCC (0.1)	
Dibromochloromethane	0.8665808	9.258941	8.4305	1.161525E-02			SPCC (0.1)	
Dibromomethane	0.5289642	4.724219	6.693	0.0180736			20	
Dichlorodifluoromethane	2.269707	15.87884	1.626	0.1896073			SPCC (0.1)	
Diisopropyl ether (DIPE)	6.043059	4.971701	4.322375	5.139276E-02			20	
Ethanol	2.789493E-02	5.132095	2.931	7.044999E-02			20	
Ethyl Benzene	7.795605	4.432987	9.101	2.149663E-02			SPCC (0.1)	
Ethyl Ether	1.094874	3.904662	2.9325	7.691586E-02			20	
Ethyl Methacrylate	1.007017	12.38348	7.83525	4.003732E-02			20	
Ethyl tert-butyl ether (ETBE)	4.707772	3.610105	4.66675	6.718868E-02			20	
Freon 115	0.1487529	43.00504	1.469	1.749482E-02			20	*
Freon 123	2.911072	3.595253	3.050375	0.1097506			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.736246	14.2945	1.604375	3.015081E-02			20	
Freon 22	2.357636	10.67794	1.653	0.1512962			20	
Hexachlorobutadiene	0.1924908	5.857038	13.96975	1.902784E-02			20	
Hexachloroethane	0.3295449	28.24204	12.25375	2.098228E-02		0.9986844	0.99	
Iodomethane	1.193837	34.65524	3.358	9.468543E-02		0.9968656	0.99	
Isopropylbenzene	4.231803	6.901059	10.04075	1.570653E-02			SPCC (0.1)	
Limonene	0.8510092	16.70031	11.37575	1.686983E-02			20	
Methyl acetate	0.557536	3.793396	3.578	1.982836E-02			SPCC (0.1)	
Methyl Methacrylate	0.471579	8.538833	6.61325	3.582094E-02			20	
Methyl tert-butyl ether (MTBE)	3.136487	5.882882	3.889	1.861588E-02			SPCC (0.1)	
Methylcyclohexane	3.203845	4.319825	6.428	5.253741E-02			SPCC (0.1)	
Methylene chloride	2.492036	17.09151	3.694	0.0191402			SPCC (0.1)	
Naphthalene	0.6178774	15.56804	14.131	9.06863E-03			20	
n-butyl acetate	0.9084435	12.04113	8.31575	3.377877E-02			20	
n-Butylbenzene	2.832003	7.319386	11.91875	1.462668E-02			20	
n-Decane	0.5627535	55.18495	10.60325	2.428622E-02		0.9942678	0.99	
n-Hexane	3.656072	5.944975	4.10575	7.507305E-02			20	
Nitrobenzene	1.169878E-02	35.14809	13.1932	1.496386E-02		0.9969555	0.99	
n-Nonane	0.869315	15.25222	9.144	1.899665E-02			20	
n-octane	0.8955522	7.807074	7.5575	3.724653E-02			20	
n-Propylbenzene	4.931336	6.874699	10.49625	2.020787E-02			20	
n-undecane	0.2239769	66.10658	11.94286	1.912512E-02		0.9992202	0.99	
o-Xylene	5.370455	6.460817	9.66125	0.0277459			SPCC (0.3)	
p- & m- Xylenes	5.703761	3.871443	9.223	7.475065E-03			SPCC (0.1)	
p-Ethyltoluene	3.937955	6.948234	10.61975	1.517891E-02			20	
p-Isopropyltoluene	3.015364	6.31932	11.4495	2.013854E-02			20	
sec-Butylbenzene	3.683829	7.346301	11.29075	8.496751E-03			20	
Styrene	4.175838	7.333843	9.687625	2.938797E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.794814	3.048824	5.687	2.511465E-02			20	
SURR: p-Bromofluorobenzene	1.223414	2.477574	10.2617	3.283081E-02			20	
SURR: Toluene-d8	6.843511	3.473903	7.4799	3.276387E-02			20	
tert-Amyl alcohol (TAA)	6.199539E-02	20.01982	5.7178	0.1770284		0.9999477	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25H1840

Client: Hydro Tech Environmental Project: 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 Instrument: VOA No. 10

Calibration Date: 08/28/25 14:13

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	4.128497	5.67646	5.74275	3.900973E-02			20	
tert-Butyl alcohol (TBA)	6.132946E-02	26.9471	3.813444	0.1454157		0.9996537	0.99	
tert-Butylbenzene	2.588806	7.414107	11.04825	2.969824E-02			20	
Tetrachloroethylene	2.57558	7.056095	8.08975	2.116578E-02			SPCC (0.2)	
Tetrahydrofuran	8.067385E-02	20.3274	5.1654	9.863248E-02		0.9999618	0.99	
Toluene	7.093532	3.609271	7.547375	2.881494E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.846022	1.997244	3.9235	7.020729E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.396051	10.7767	7.8165	3.562093E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.4471243	8.967188	10.51213	3.014684E-02			20	
trans-decahydronaphthalene	0.4166985	7.207771	11.88529	2.166492E-02			20	
Trichloroethylene	1.686929	4.875177	6.303	1.890681E-02			SPCC (0.2)	
Trichlorofluoromethane	3.019182	5.972719	2.64425	8.184592E-02			SPCC (0.1)	
Vinyl acetate	0.1982956	11.24498	4.373875	7.447342E-02			20	
Vinyl Chloride	2.512854	6.585963	1.9395	0.1431396			SPCC (0.1)	

Quantitation Report (QT Reviewed)

Data File : V10C14729.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:24 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 Multiplr: 1.00
ALS Vial : 11
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:45 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	91676	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	124940	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	216322	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	165074	10.74	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 107.40%				
59) Toluene-d8 (SURR)	7.479	98	878369	10.73	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 107.30%				
81) p-Bromofluorobenzene (...	10.265	95	262690	9.45	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 94.50%				
Target Compounds							Qvalue
2) Freon 115	1.475	85	117	0.19	ppb	#	50
3) Freon 152a	1.610	51	1913	0.13	ppb		93
4) Dichlorodifluoromethane	1.628	85	2203	0.14	ppb		86
5) Freon 22	1.657	51	2662	0.13	ppb	#	85
6) Chloromethane	1.834	50	2220	0.12	ppb	#	91
7) Vinyl Chloride	1.944	62	2350	0.11	ppb	#	52
8) Bromomethane	2.304	94	934	0.14	ppb		94
9) Chloroethane	2.407	64	1908	0.14	ppb		91
10) Trichlorofluoromethane	2.645	101	2619	0.10	ppb		94
11) Ethyl Ether	2.925	59	1005	0.11	ppb	#	28
12) Ethanol	2.931	45	923	3.81	ppb	#	69
13) Freon 123	3.047	83	2623	0.10	ppb	#	87
14) 1,1-Dichloroethylene	3.175	61	2719	0.10	ppb		85
15) Freon 113	3.145	101	1770	0.11	ppb		93
16) Acrolein	3.133	56	520	0.51	ppb		83
17) Acetone	3.291	58	247	0.30	ppb	#	1
18) Iodomethane	3.358	142	628	0.05	ppb	#	33
19) Carbon disulfide	3.401	76	7234	0.14	ppb		99
20) Allyl Chloride	3.553	41	2671	0.10	ppb		91
21) Methyl Acetate	3.584	43	557	0.12	ppb	#	54
23) Methylene Chloride	3.694	49	6668	0.33	ppb		84
24) Acrylonitrile	3.980	53	1006	0.43	ppb	#	90
25) trans-1,2-Dichloroethy...	3.925	61	2565	0.10	ppb		85
26) tert-Butyl Methyl Ethe...	3.895	73	2963	0.11	ppb		89
27) n-hexane	4.108	57	3704	0.12	ppb		94
28) 1,1-Dichloroethane	4.346	63	3680	0.10	ppb	#	93
30) Diisopropyl ether (DIPE)	4.321	45	5730	0.10	ppb		97
31) Ethyl-tert-Butyl ether...	4.657	59	4283	0.10	ppb		96
32) cis-1,2-Dichloroethylene	4.901	61	3038	0.10	ppb		91
34) 2,2-Dichloropropane	4.870	77	2751	0.11	ppb		90
35) Tetrahydrofuran	5.175	71	181	0.23	ppb	#	11
36) Bromochloromethane	5.151	49	1267	0.10	ppb		85
37) Chloroform	5.212	83	3495	0.11	ppb		92
38) 1,1,1-Trichloroethane	5.340	97	2687	0.10	ppb		93
39) Cyclohexane	5.346	56	4061	0.10	ppb		95
40) 1,1-Dichloropropylene	5.486	75	2733	0.09	ppb		93
42) Carbon Tetrachloride	5.480	117	2210	0.10	ppb		97
43) tert-Amyl alcohol (TAA)	5.693	59	305	0.52	ppb		79
44) 1,2-Dichloroethane	5.766	62	2193	0.14	ppb	#	89
45) Benzene	5.699	78	9087	0.11	ppb	#	1
46) tert-Amyl methyl ether...	5.742	73	3482	0.09	ppb		90

Data File : V10C14729.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:24 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 Multiplr: 1.00
ALS Vial : 11
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:45 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48)	Trichloroethylene	6.303	95	2458	0.12	ppb		99
49)	Methyl Cyclohexane	6.425	83	3822	0.10	ppb		98
50)	Methyl Methacrylate	6.614	69	429	0.07	ppb	#	86
51)	Dibromomethane	6.699	93	497	0.08	ppb	#	73
52)	Bromodichloromethane	6.833	83	2030	0.10	ppb	#	89
53)	1,2-Dichloropropane	6.547	63	1993	0.10	ppb		93
55)	2-Nitropropane	7.089	43	705	0.37	ppb		92
57)	cis-1,3-Dichloropropene	7.254	75	2169	0.09	ppb		95
58)	4-Methyl-2-Pentanone	7.382	43	572	0.09	ppb	#	44
60)	Toluene	7.553	91	10003	0.11	ppb		98
61)	n-Octane	7.553	85	1065	0.10	ppb		98
62)	Ethyl Methacrylate	7.839	69	1092	0.08	ppb		90
63)	trans-1,3-Dichloropropene	7.815	75	1523	0.08	ppb	#	64
64)	1,1,2-Trichloroethane	8.010	97	1046	0.11	ppb		88
65)	1,3-Dichloropropane	8.187	76	2000	0.11	ppb		85
66)	Tetrachloroethylene	8.089	166	2904	0.10	ppb		96
67)	2-Hexanone	8.217	43	69	0.02	ppb	#	33
68)	n-Butyl Actetate	8.327	43	892	0.07	ppb	#	80
69)	Dibromochloromethane	8.424	129	939	0.09	ppb	#	87
70)	1,2-Dibromoethane	8.546	107	847	0.10	ppb		99
71)	Chlorobenzene	9.022	112	5582	0.12	ppb	#	1
72)	1,1,1,2-tetrachloroethane	9.113	131	1550	0.11	ppb	#	44
73)	n-Nonane	9.144	57	941	0.09	ppb	#	70
74)	Ethyl Benzene	9.101	91	10434	0.11	ppb		99
75)	p- & m-Xylenes	9.223	91	15030	0.21	ppb		96
76)	o-Xylene	9.662	91	6687	0.10	ppb		100
77)	Styrene	9.692	104	4408	0.08	ppb		90
78)	Bromoform	9.961	173	370	0.08	ppb	#	27
80)	Isopropylbenzene	10.040	105	8330	0.09	ppb		97
82)	1,1,2,2-Tetrachloroethane	10.461	83	823	0.08	ppb		90
83)	Bromobenzene	10.442	77	3113	0.11	ppb		87
84)	trans-1,4-Dichloro-2-b...	10.509	75	812	0.08	ppb	#	63
85)	1,2,3-Trichloropropane	10.509	110	54	0.02	ppb	#	19
86)	n-Propylbenzene	10.491	91	10160	0.09	ppb		97
87)	n-Decane	10.601	57	797	0.08	ppb	#	63
88)	p-Ethyltoluene	10.619	105	8294	0.09	ppb		96
89)	1,3,5-Trimethylbenzene	10.686	105	6439	0.10	ppb		95
90)	2-Chlorotoluene	10.625	91	6711	0.10	ppb		99
91)	4-Chlorotoluene	10.753	91	5630	0.10	ppb		93
92)	tert-Butylbenzene	11.046	119	5187	0.09	ppb		92
93)	1,2,4-Trimethylbenzene	11.107	105	5564	0.09	ppb		98
94)	sec-Butylbenzene	11.290	105	6901	0.08	ppb		97
95)	Limonene	11.381	68	1362	0.07	ppb	#	85
96)	1,3-Dichlorobenzene	11.473	146	3398	0.11	ppb		90
97)	p-Isopropyltoluene	11.442	119	6086	0.09	ppb		95
98)	1,4-Dichlorobenzene	11.576	146	3508	0.12	ppb	#	88
99)	1,2,3-Trimethylbenzene	11.594	105	4910	0.08	ppb		91
100)	p-Diethylbenzene	11.893	105	2754	0.08	ppb		99
101)	trans-Decahydronapthalene	11.881	138	739	0.08	ppb	#	80
102)	1,2-Dichlorobenzene	12.003	146	2749	0.11	ppb	#	16
103)	n-Butylbenzene	11.918	91	5560	0.09	ppb		95
104)	Hexachloroethane	12.253	119	439	0.06	ppb		91
105)	n-Undecane	11.936	71	189	0.06	ppb	#	28
106)	cis-Decahydronapthalene	12.539	138	728	0.11	ppb	#	66
107)	1,2-Dibromo-3-chloropr...	12.942	75	51	0.05	ppb	#	10

Quantitation Report (QT Reviewed)

Data File : V10C14729.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:24 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 Multiplr: 1.00
ALS Vial : 11
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:45 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

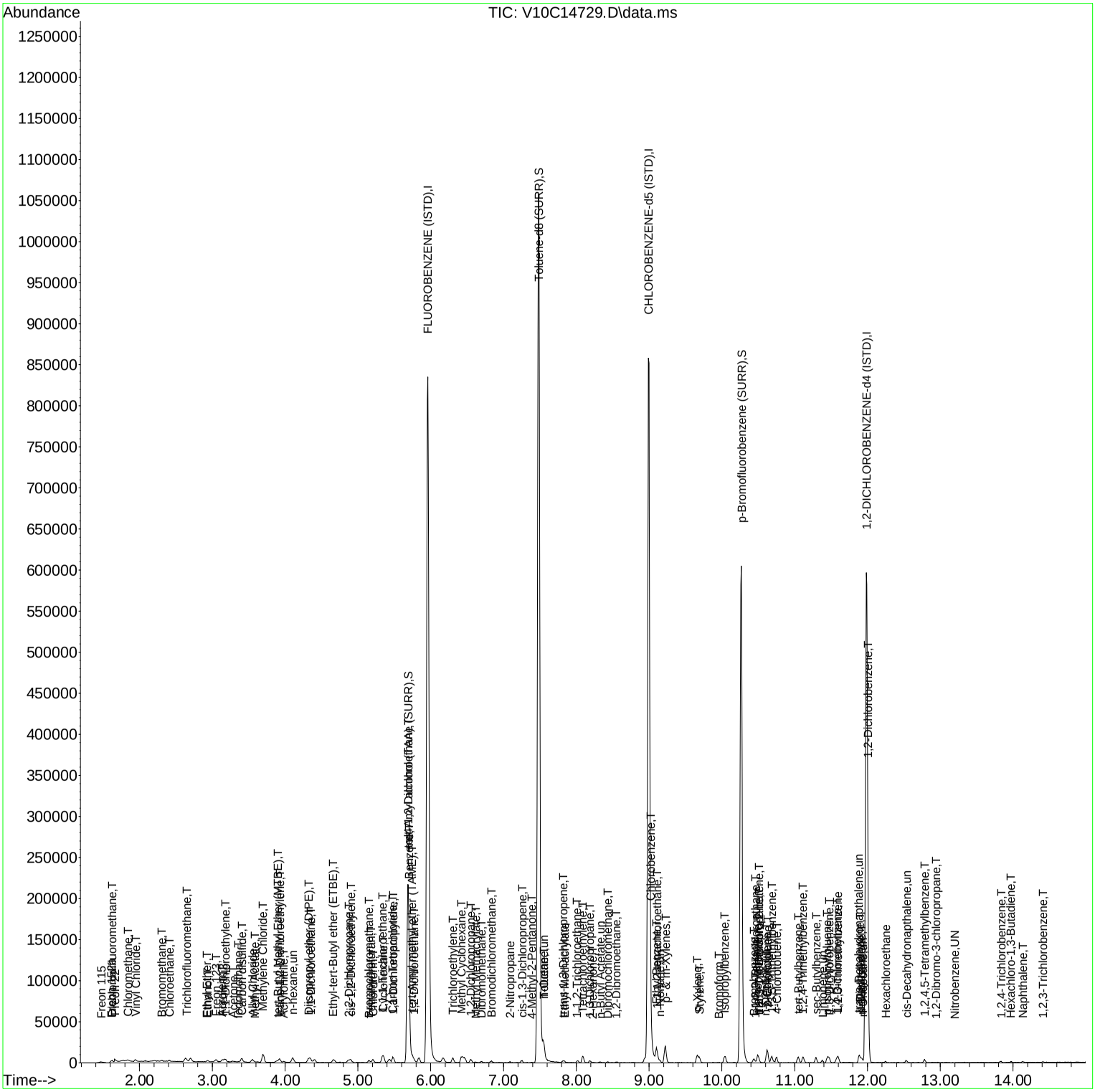
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
108) 1,2,4,5-Tetramethylben...	12.783	119	3536	0.09	ppb	#	96
109) Nitrobenzene	13.198	77	108	0.37	ppb	#	29
110) 1,2,4-Trichlorobenzene	13.838	180	937	0.12	ppb	#	77
111) Hexachloro-1,3-Butadiene	13.966	225	537	0.14	ppb	#	82
112) Naphthalene	14.137	128	1734	0.12	ppb	#	78
113) 1,2,3-Trichlorobenzene	14.405	180	588	0.13	ppb	#	65

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14729.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:24 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 Multiplr: 1.00
ALS Vial : 11
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:45 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14730.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:53 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 Multiplr: 1.00
ALS Vial : 12
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	89551	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	123708	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	218208	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	165917	11.05	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 110.50%				
59) Toluene-d8 (SURR)	7.480	98	863673	10.65	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 106.50%				
81) p-Bromofluorobenzene (...	10.259	95	260765	9.30	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 93.00%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	422	0.69	ppb	#	83
3) Freon 152a	1.605	51	4643	0.32	ppb		95
4) Dichlorodifluoromethane	1.628	85	5962	0.39	ppb		98
5) Freon 22	1.652	51	5819	0.30	ppb		91
6) Chloromethane	1.840	50	5109	0.29	ppb		95
7) Vinyl Chloride	1.944	62	5883	0.28	ppb		97
8) Bromomethane	2.298	94	1612	0.26	ppb		93
9) Chloroethane	2.407	64	4281	0.31	ppb		91
10) Trichlorofluoromethane	2.639	101	7253	0.28	ppb		99
11) Ethyl Ether	2.932	59	2598	0.28	ppb		98
12) Ethanol	2.932	45	2701	11.41	ppb	#	82
13) Freon 123	3.047	83	6569	0.27	ppb		95
14) 1,1-Dichloroethylene	3.182	61	6954	0.27	ppb		86
15) Freon 113	3.139	101	4610	0.28	ppb		90
16) Acrolein	3.127	56	1084	1.08	ppb		90
17) Acetone	3.291	58	381	0.48	ppb	#	45
18) Iodomethane	3.358	142	1455	0.12	ppb		79
19) Carbon disulfide	3.407	76	14779	0.30	ppb		98
20) Allyl Chloride	3.547	41	6566	0.26	ppb		96
21) Methyl Acetate	3.578	43	1431	0.31	ppb	#	80
22) tert-Butyl Alcohol (TBA)	3.822	59	467	0.90	ppb	#	1
23) Methylene Chloride	3.694	49	10178	0.52	ppb	#	80
24) Acrylonitrile	3.980	53	3075	1.34	ppb		97
25) trans-1,2-Dichloroethy...	3.925	61	6636	0.27	ppb		85
26) tert-Butyl Methyl Ethe...	3.883	73	7693	0.30	ppb		94
27) n-hexane	4.102	57	8595	0.28	ppb		95
28) 1,1-Dichloroethane	4.346	63	8762	0.25	ppb		99
29) Vinyl Acetate	4.370	86	172	0.09	ppb	#	1
30) Diisopropyl ether (DIPE)	4.322	45	13550	0.24	ppb		97
31) Ethyl-tert-Butyl ether...	4.669	59	10592	0.25	ppb		95
32) cis-1,2-Dichloroethylene	4.901	61	7264	0.25	ppb		90
34) 2,2-Dichloropropane	4.870	77	6735	0.26	ppb		92
35) Tetrahydrofuran	5.169	71	849	1.10	ppb		89
36) Bromochloromethane	5.151	49	3137	0.25	ppb		82
37) Chloroform	5.206	83	7776	0.26	ppb		98
38) 1,1,1-Trichloroethane	5.327	97	6707	0.25	ppb		96
39) Cyclohexane	5.346	56	9578	0.23	ppb		93
40) 1,1-Dichloropropylene	5.486	75	7051	0.25	ppb		90
42) Carbon Tetrachloride	5.474	117	5144	0.24	ppb		92
43) tert-Amyl alcohol (TAA)	5.724	59	422	0.74	ppb	#	1
44) 1,2-Dichloroethane	5.760	62	4655	0.30	ppb		94

Data File : V10C14730.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:53 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 Multiplr: 1.00
ALS Vial : 12
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	21983	0.27	ppb	#	1
46) tert-Amyl methyl ether...	5.742	73	9031	0.25	ppb		97
48) Trichloroethylene	6.303	95	5289	0.26	ppb		87
49) Methyl Cyclohexane	6.425	83	9866	0.25	ppb		94
50) Methyl Methacrylate	6.608	69	1319	0.22	ppb		91
51) Dibromomethane	6.693	93	1609	0.25	ppb		87
52) Bromodichloromethane	6.827	83	4891	0.25	ppb		95
53) 1,2-Dichloropropane	6.553	63	5011	0.26	ppb	#	81
54) 1,4-Dioxane	6.687	88	463	6.45	ppb	#	43
55) 2-Nitropropane	7.077	43	2085	1.12	ppb		100
57) cis-1,3-Dichloropropene	7.248	75	5560	0.22	ppb		90
58) 4-Methyl-2-Pentanone	7.382	43	1802	0.27	ppb	#	70
60) Toluene	7.547	91	22683	0.26	ppb		98
61) n-Octane	7.559	85	2598	0.24	ppb		95
62) Ethyl Methacrylate	7.839	69	2581	0.20	ppb		89
63) trans-1,3-Dichloropropene	7.821	75	3852	0.21	ppb		92
64) 1,1,2-Trichloroethane	8.016	97	2409	0.25	ppb		94
65) 1,3-Dichloropropane	8.187	76	4700	0.26	ppb		89
66) Tetrachloroethylene	8.095	166	7776	0.26	ppb		92
67) 2-Hexanone	8.235	43	973	0.22	ppb	#	76
68) n-Butyl Actetate	8.321	43	2446	0.20	ppb	#	90
69) Dibromochloromethane	8.431	129	2382	0.23	ppb	#	93
70) 1,2-Dibromoethane	8.552	107	2086	0.25	ppb		97
71) Chlorobenzene	9.022	112	12655	0.27	ppb	#	22
72) 1,1,1,2-tetrachloroethane	9.113	131	3256	0.23	ppb	#	46
73) n-Nonane	9.150	57	2351	0.22	ppb	#	96
74) Ethyl Benzene	9.101	91	24050	0.25	ppb		98
75) p- & m-Xylenes	9.223	91	35199	0.50	ppb		97
76) o-Xylene	9.662	91	15211	0.23	ppb		98
77) Styrene	9.693	104	11064	0.21	ppb		89
78) Bromoform	9.967	173	971	0.21	ppb	#	86
80) Isopropylbenzene	10.046	105	19393	0.20	ppb		94
82) 1,1,2,2-Tetrachloroethane	10.461	83	2308	0.23	ppb		96
83) Bromobenzene	10.430	77	6552	0.22	ppb		83
84) trans-1,4-Dichloro-2-b...	10.509	75	2053	0.20	ppb	#	80
85) 1,2,3-Trichloropropane	10.509	110	616	0.23	ppb		80
86) n-Propylbenzene	10.497	91	24213	0.21	ppb		97
87) n-Decane	10.601	57	1896	0.20	ppb		88
88) p-Ethyltoluene	10.613	105	18763	0.21	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	14935	0.22	ppb		97
90) 2-Chlorotoluene	10.625	91	15458	0.22	ppb		97
91) 4-Chlorotoluene	10.747	91	12944	0.22	ppb		93
92) tert-Butylbenzene	11.052	119	12150	0.21	ppb		94
93) 1,2,4-Trimethylbenzene	11.113	105	13042	0.20	ppb		98
94) sec-Butylbenzene	11.290	105	17221	0.20	ppb		98
95) Limonene	11.375	68	3561	0.18	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	7646	0.24	ppb		91
97) p-Isopropyltoluene	11.454	119	14299	0.21	ppb		97
98) 1,4-Dichlorobenzene	11.582	146	7711	0.25	ppb		91
99) 1,2,3-Trimethylbenzene	11.601	105	11897	0.20	ppb		92
100) p-Diethylbenzene	11.893	105	6311	0.19	ppb	#	72
101) trans-Decahydronapthalene	11.887	138	1935	0.21	ppb		89
102) 1,2-Dichlorobenzene	12.015	146	6481	0.26	ppb	#	75
103) n-Butylbenzene	11.918	91	13157	0.20	ppb	#	83
104) Hexachloroethane	12.253	119	1039	0.13	ppb		93

Quantitation Report (QT Reviewed)

Data File : V10C14730.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:53 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 Multiplr: 1.00
ALS Vial : 12
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

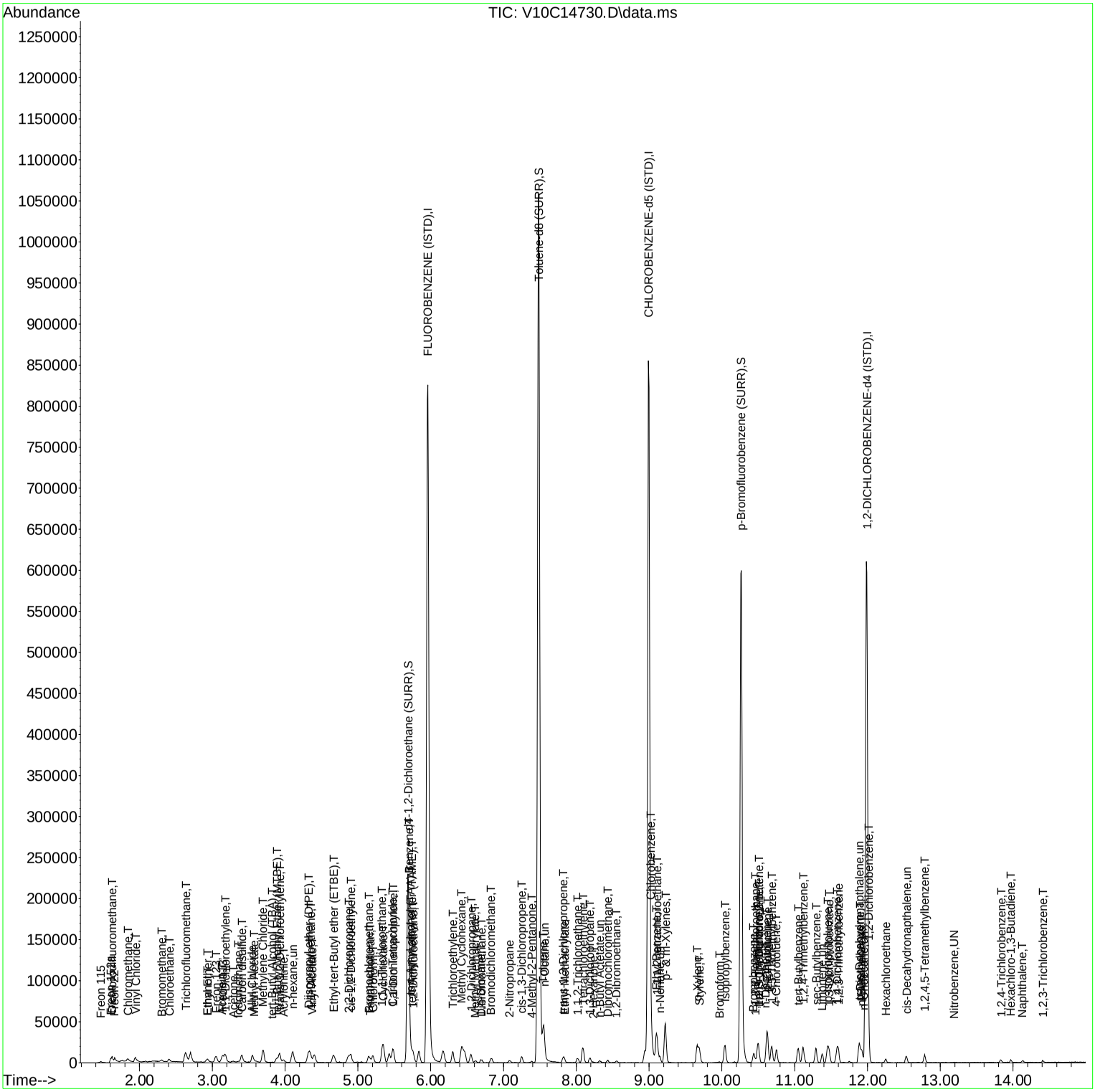
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) n-Undecane	11.948	71	817	0.26	ppb	#	62
106) cis-Decahydronapthalene	12.540	138	1367	0.20	ppb	#	94
108) 1,2,4,5-Tetramethylben...	12.783	119	7214	0.17	ppb		92
109) Nitrobenzene	13.192	77	470	1.59	ppb	#	39
110) 1,2,4-Trichlorobenzene	13.838	180	1814	0.22	ppb	#	91
111) Hexachloro-1,3-Butadiene	13.966	225	999	0.25	ppb		93
112) Naphthalene	14.125	128	2937	0.21	ppb		95
113) 1,2,3-Trichlorobenzene	14.405	180	939	0.20	ppb	#	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14730.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 4:53 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 Multiplr: 1.00
ALS Vial : 12
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:48 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14731.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:21 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	90361	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	122199	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	211341	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	162685	10.73	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 107.30%				
59) Toluene-d8 (SURR)	7.479	98	862900	10.78	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 107.80%				
81) p-Bromofluorobenzene (...	10.266	95	255142	9.40	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 94.00%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	1131	1.83	ppb		86
3) Freon 152a	1.605	51	9256	0.63	ppb		96
4) Dichlorodifluoromethane	1.628	85	11870	0.77	ppb		99
5) Freon 22	1.657	51	11646	0.60	ppb		99
6) Chloromethane	1.834	50	10816	0.61	ppb		96
7) Vinyl Chloride	1.944	62	12093	0.56	ppb		93
8) Bromomethane	2.304	94	3335	0.52	ppb		95
9) Chloroethane	2.401	64	7878	0.57	ppb		96
10) Trichlorofluoromethane	2.645	101	14271	0.55	ppb		99
11) Ethyl Ether	2.938	59	4803	0.51	ppb		91
12) Ethanol	2.932	45	4784	20.02	ppb	#	87
13) Freon 123	3.054	83	13767	0.56	ppb		95
14) 1,1-Dichloroethylene	3.175	61	14085	0.54	ppb		87
15) Freon 113	3.139	101	9482	0.57	ppb		90
16) Acrolein	3.133	56	2036	2.02	ppb		96
17) Acetone	3.273	58	319	0.40	ppb	#	1
18) Iodomethane	3.364	142	2682	0.22	ppb		88
19) Carbon disulfide	3.407	76	28631	0.58	ppb		99
20) Allyl Chloride	3.553	41	15313	0.59	ppb		88
21) Methyl Acetate	3.578	43	2541	0.54	ppb		95
22) tert-Butyl Alcohol (TBA)	3.822	59	947	1.81	ppb	#	68
23) Methylene Chloride	3.694	49	15208	0.77	ppb		82
24) Acrylonitrile	3.980	53	5586	2.41	ppb		94
25) trans-1,2-Dichloroethy...	3.925	61	13051	0.52	ppb		84
26) tert-Butyl Methyl Ethe...	3.889	73	14512	0.56	ppb		96
27) n-hexane	4.108	57	16818	0.54	ppb		96
28) 1,1-Dichloroethane	4.346	63	17962	0.50	ppb		99
29) Vinyl Acetate	4.370	86	711	0.39	ppb		61
30) Diisopropyl ether (DIPE)	4.328	45	25202	0.44	ppb		94
31) Ethyl-tert-Butyl ether...	4.669	59	20166	0.46	ppb		95
32) cis-1,2-Dichloroethylene	4.907	61	14564	0.50	ppb		91
33) 2-Butanone	4.937	72	53	0.05	ppb	#	1
34) 2,2-Dichloropropane	4.864	77	13335	0.52	ppb		91
35) Tetrahydrofuran	5.169	71	1652	2.12	ppb		91
36) Bromochloromethane	5.138	49	6158	0.49	ppb		83
37) Chloroform	5.206	83	15711	0.51	ppb		96
38) 1,1,1-Trichloroethane	5.334	97	13893	0.51	ppb		96
39) Cyclohexane	5.352	56	19788	0.47	ppb		94
40) 1,1-Dichloropropylene	5.480	75	14973	0.52	ppb		88
42) Carbon Tetrachloride	5.480	117	11364	0.52	ppb		99
43) tert-Amyl alcohol (TAA)	5.718	59	951	1.66	ppb	#	1

Data File : V10C14731.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:21 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	8584	0.56	ppb		98
45) Benzene	5.699	78	42814	0.52	ppb	#	1
46) tert-Amyl methyl ether...	5.742	73	16808	0.46	ppb		96
48) Trichloroethylene	6.303	95	10977	0.55	ppb		91
49) Methyl Cyclohexane	6.431	83	19546	0.50	ppb		94
50) Methyl Methacrylate	6.608	69	2612	0.44	ppb		93
51) Dibromomethane	6.693	93	3228	0.51	ppb		84
52) Bromodichloromethane	6.833	83	9430	0.48	ppb		98
53) 1,2-Dichloropropane	6.547	63	9353	0.49	ppb		99
54) 1,4-Dioxane	6.681	88	868	12.24	ppb		80
55) 2-Nitropropane	7.083	43	3994	2.16	ppb		99
57) cis-1,3-Dichloropropene	7.254	75	10593	0.43	ppb		92
58) 4-Methyl-2-Pentanone	7.382	43	2874	0.44	ppb	#	91
60) Toluene	7.547	91	45295	0.53	ppb		99
61) n-Octane	7.559	85	5433	0.51	ppb		92
62) Ethyl Methacrylate	7.833	69	5143	0.40	ppb		91
63) trans-1,3-Dichloropropene	7.821	75	7400	0.42	ppb		91
64) 1,1,2-Trichloroethane	8.022	97	4695	0.50	ppb		94
65) 1,3-Dichloropropane	8.187	76	8590	0.48	ppb		93
66) Tetrachloroethylene	8.089	166	16018	0.54	ppb		92
67) 2-Hexanone	8.235	43	1800	0.41	ppb	#	85
68) n-Butyl Actetate	8.315	43	4928	0.42	ppb	#	96
69) Dibromochloromethane	8.431	129	4933	0.48	ppb	#	92
70) 1,2-Dibromoethane	8.552	107	4058	0.49	ppb		96
71) Chlorobenzene	9.022	112	24920	0.53	ppb	#	66
72) 1,1,1,2-tetrachloroethane	9.107	131	6890	0.50	ppb	#	66
73) n-Nonane	9.144	57	4752	0.44	ppb		95
74) Ethyl Benzene	9.101	91	47945	0.51	ppb		99
75) p- & m-Xylenes	9.223	91	67371	0.97	ppb		94
76) o-Xylene	9.662	91	30301	0.46	ppb		96
77) Styrene	9.686	104	22749	0.44	ppb		89
78) Bromoform	9.961	173	2035	0.44	ppb		94
80) Isopropylbenzene	10.040	105	40719	0.43	ppb		97
82) 1,1,2,2-Tetrachloroethane	10.467	83	4511	0.46	ppb		97
83) Bromobenzene	10.436	77	13298	0.46	ppb		85
84) trans-1,4-Dichloro-2-b...	10.509	75	4258	0.43	ppb	#	87
85) 1,2,3-Trichloropropane	10.509	110	1080	0.41	ppb		89
86) n-Propylbenzene	10.497	91	47923	0.43	ppb		97
87) n-Decane	10.601	57	3692	0.40	ppb		98
88) p-Ethyltoluene	10.619	105	38416	0.44	ppb		98
89) 1,3,5-Trimethylbenzene	10.686	105	29546	0.45	ppb		95
90) 2-Chlorotoluene	10.625	91	30060	0.45	ppb		95
91) 4-Chlorotoluene	10.747	91	26193	0.46	ppb		94
92) tert-Butylbenzene	11.052	119	24821	0.43	ppb		92
93) 1,2,4-Trimethylbenzene	11.107	105	26675	0.43	ppb		96
94) sec-Butylbenzene	11.290	105	35403	0.43	ppb		98
95) Limonene	11.375	68	7045	0.36	ppb		92
96) 1,3-Dichlorobenzene	11.473	146	14556	0.48	ppb		92
97) p-Isopropyltoluene	11.448	119	29020	0.44	ppb		98
98) 1,4-Dichlorobenzene	11.576	146	14160	0.48	ppb		92
99) 1,2,3-Trimethylbenzene	11.595	105	24908	0.42	ppb		97
100) p-Diethylbenzene	11.887	105	13650	0.42	ppb	#	81
101) trans-Decahydronapthalene	11.881	138	4168	0.48	ppb	#	80
102) 1,2-Dichlorobenzene	12.009	146	11669	0.48	ppb	#	84
103) n-Butylbenzene	11.918	91	27040	0.43	ppb	#	85

Quantitation Report (QT Reviewed)

Data File : V10C14731.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:21 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

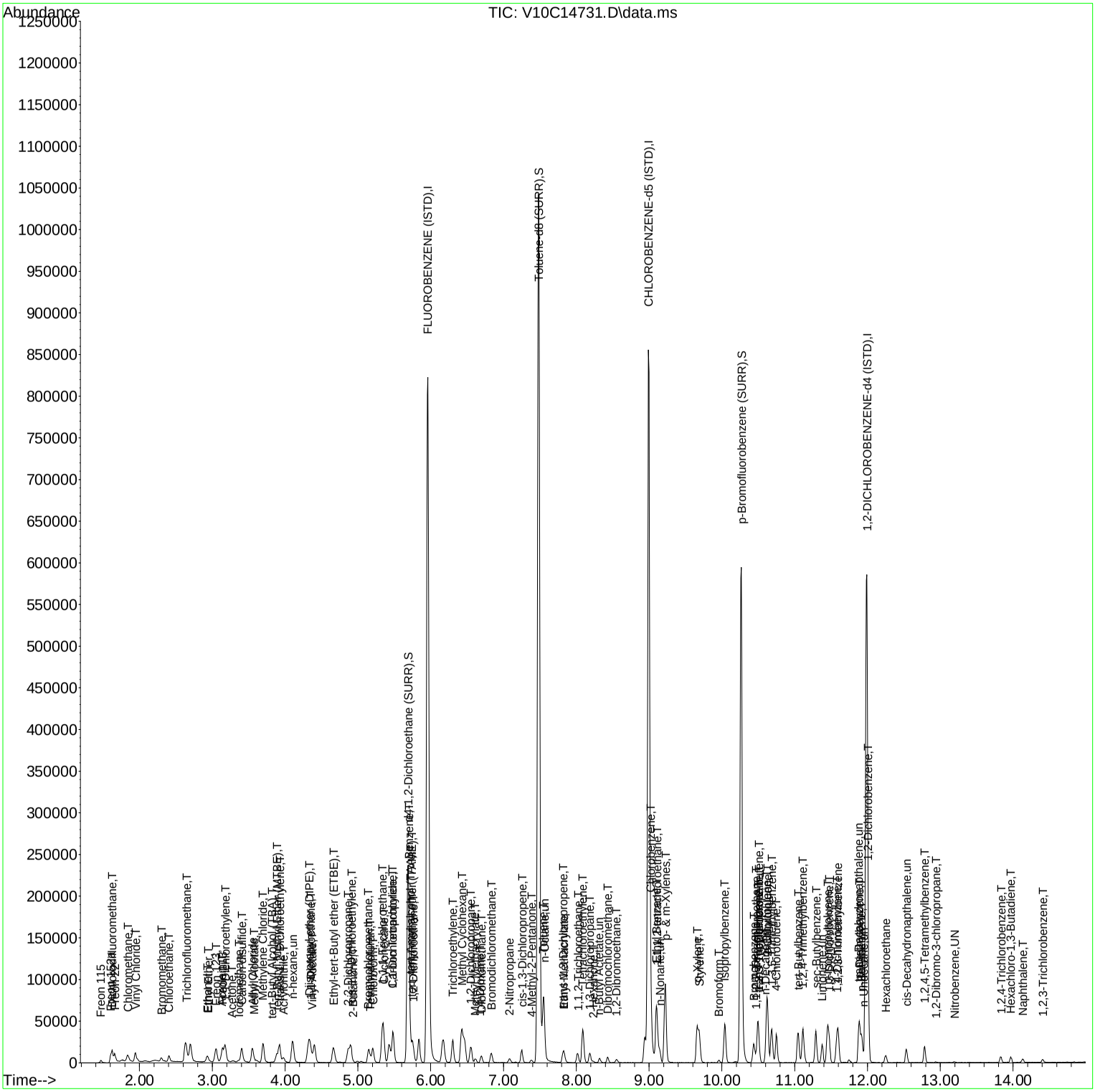
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
104) Hexachloroethane	12.253	119	2072	0.28	ppb		91
105) n-Undecane	11.948	71	1372	0.44	ppb	#	65
106) cis-Decahydronapthalene	12.533	138	3003	0.45	ppb	#	77
107) 1,2-Dibromo-3-chloropr...	12.942	75	367	0.35	ppb		87
108) 1,2,4,5-Tetramethylben...	12.783	119	14525	0.36	ppb		97
109) Nitrobenzene	13.198	77	992	3.46	ppb	#	69
110) 1,2,4-Trichlorobenzene	13.838	180	3383	0.43	ppb		93
111) Hexachloro-1,3-Butadiene	13.966	225	1982	0.51	ppb		94
112) Naphthalene	14.131	128	5235	0.38	ppb		95
113) 1,2,3-Trichlorobenzene	14.411	180	2047	0.46	ppb	#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14731.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:21 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:51 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14732.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:50 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	89114	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	124840	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	216719	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	164662	11.02	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 110.20%				
59) Toluene-d8 (SURR)	7.479	98	859452	10.51	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 105.10%				
81) p-Bromofluorobenzene (...	10.265	95	261720	9.40	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 94.00%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	1636	2.68	ppb		90
3) Freon 152a	1.604	51	18186	1.26	ppb		94
4) Dichlorodifluoromethane	1.628	85	22935	1.52	ppb		98
5) Freon 22	1.652	51	23678	1.23	ppb		98
6) Chloromethane	1.834	50	21377	1.23	ppb		99
7) Vinyl Chloride	1.938	62	24750	1.17	ppb		98
8) Bromomethane	2.298	94	6181	0.99	ppb		95
9) Chloroethane	2.401	64	14912	1.10	ppb		97
10) Trichlorofluoromethane	2.645	101	29836	1.16	ppb		99
11) Ethyl Ether	2.932	59	10034	1.08	ppb		92
12) Ethanol	2.932	45	10505	44.59	ppb		93
13) Freon 123	3.054	83	26839	1.10	ppb		96
14) 1,1-Dichloroethylene	3.175	61	27625	1.08	ppb		87
15) Freon 113	3.139	101	19150	1.17	ppb		92
16) Acrolein	3.133	56	4253	4.28	ppb		96
17) Acetone	3.285	58	969	1.22	ppb		83
18) Iodomethane	3.352	142	7310	0.61	ppb		87
19) Carbon disulfide	3.401	76	55206	1.13	ppb		100
20) Allyl Chloride	3.547	41	25930	1.02	ppb		92
21) Methyl Acetate	3.578	43	5175	1.11	ppb		97
22) tert-Butyl Alcohol (TBA)	3.809	59	2712	5.26	ppb	#	85
23) Methylene Chloride	3.694	49	26012	1.33	ppb		85
24) Acrylonitrile	3.980	53	12178	5.33	ppb		98
25) trans-1,2-Dichloroethy...	3.919	61	25878	1.05	ppb		85
26) tert-Butyl Methyl Ethe...	3.889	73	30803	1.21	ppb		95
27) n-hexane	4.102	57	35318	1.15	ppb		96
28) 1,1-Dichloroethane	4.346	63	35883	1.02	ppb		99
29) Vinyl Acetate	4.376	86	1670	0.92	ppb		79
30) Diisopropyl ether (DIPE)	4.322	45	54772	0.97	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	43059	1.01	ppb		95
32) cis-1,2-Dichloroethylene	4.901	61	28992	1.02	ppb		90
33) 2-Butanone	4.919	72	776	0.80	ppb		81
34) 2,2-Dichloropropane	4.870	77	27191	1.07	ppb		91
35) Tetrahydrofuran	5.169	71	3627	4.73	ppb		98
36) Bromochloromethane	5.145	49	12454	1.01	ppb		77
37) Chloroform	5.212	83	31771	1.05	ppb		97
38) 1,1,1-Trichloroethane	5.334	97	27873	1.04	ppb		95
39) Cyclohexane	5.346	56	40428	0.98	ppb		93
40) 1,1-Dichloropropylene	5.486	75	29275	1.04	ppb		89
42) Carbon Tetrachloride	5.480	117	22919	1.07	ppb		98
43) tert-Amyl alcohol (TAA)	5.730	59	3184	5.64	ppb		84

Quantitation Report (QT Reviewed)

Data File : V10C14732.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:50 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	16747	1.10	ppb		99
45) Benzene	5.699	78	84961	1.05	ppb	#	28
46) tert-Amyl methyl ether...	5.742	73	37641	1.04	ppb		96
48) Trichloroethylene	6.303	95	21748	1.06	ppb		93
49) Methyl Cyclohexane	6.425	83	40275	1.00	ppb		94
50) Methyl Methacrylate	6.614	69	5558	0.91	ppb		95
51) Dibromomethane	6.693	93	6664	1.03	ppb	#	83
52) Bromodichloromethane	6.827	83	19203	0.96	ppb		96
53) 1,2-Dichloropropane	6.547	63	19588	1.00	ppb		98
54) 1,4-Dioxane	6.693	88	1907	26.33	ppb		99
55) 2-Nitropropane	7.083	43	8471	4.49	ppb		97
56) 2-Chloroethyl vinyl ether	7.095	63	408	1.18	ppb	#	52
57) cis-1,3-Dichloropropene	7.254	75	23068	0.91	ppb		93
58) 4-Methyl-2-Pentanone	7.382	43	6550	0.98	ppb	#	95
60) Toluene	7.547	91	89820	1.03	ppb		99
61) n-Octane	7.553	85	11202	1.04	ppb		93
62) Ethyl Methacrylate	7.839	69	11670	0.90	ppb		90
63) trans-1,3-Dichloropropene	7.821	75	16258	0.90	ppb		93
64) 1,1,2-Trichloroethane	8.016	97	10656	1.11	ppb		90
65) 1,3-Dichloropropane	8.187	76	18283	1.00	ppb		94
66) Tetrachloroethylene	8.089	166	31933	1.06	ppb		94
67) 2-Hexanone	8.235	43	3974	0.88	ppb		96
68) n-Butyl Actetate	8.321	43	10299	0.85	ppb	#	97
69) Dibromochloromethane	8.431	129	10435	1.00	ppb		97
70) 1,2-Dibromoethane	8.559	107	8868	1.04	ppb		96
71) Chlorobenzene	9.022	112	51479	1.07	ppb	#	89
72) 1,1,1,2-tetrachloroethane	9.113	131	14444	1.02	ppb	#	71
73) n-Nonane	9.144	57	9785	0.90	ppb		93
74) Ethyl Benzene	9.101	91	95974	1.00	ppb		96
75) p- & m-Xylenes	9.223	91	143197	2.03	ppb		95
76) o-Xylene	9.662	91	65560	0.97	ppb		97
77) Styrene	9.692	104	51136	0.98	ppb		87
78) Bromoform	9.961	173	4493	0.94	ppb		99
80) Isopropylbenzene	10.040	105	85739	0.88	ppb		97
82) 1,1,2,2-Tetrachloroethane	10.461	83	9222	0.91	ppb		98
83) Bromobenzene	10.436	77	27164	0.93	ppb		85
84) trans-1,4-Dichloro-2-b...	10.509	75	9151	0.90	ppb		87
85) 1,2,3-Trichloropropane	10.515	110	2614	0.97	ppb		88
86) n-Propylbenzene	10.497	91	101064	0.89	ppb		97
87) n-Decane	10.607	57	7448	0.78	ppb		95
88) p-Ethyltoluene	10.619	105	80856	0.90	ppb		98
89) 1,3,5-Trimethylbenzene	10.686	105	63502	0.94	ppb		96
90) 2-Chlorotoluene	10.625	91	63191	0.91	ppb		94
91) 4-Chlorotoluene	10.747	91	54505	0.93	ppb		93
92) tert-Butylbenzene	11.046	119	51918	0.89	ppb		94
93) 1,2,4-Trimethylbenzene	11.113	105	58517	0.91	ppb		97
94) sec-Butylbenzene	11.290	105	75820	0.90	ppb		98
95) Limonene	11.375	68	15472	0.77	ppb		93
96) 1,3-Dichlorobenzene	11.473	146	30421	0.97	ppb		94
97) p-Isopropyltoluene	11.448	119	63153	0.93	ppb		96
98) 1,4-Dichlorobenzene	11.576	146	29846	0.98	ppb		94
99) 1,2,3-Trimethylbenzene	11.601	105	55500	0.92	ppb		96
100) p-Diethylbenzene	11.887	105	30539	0.92	ppb	#	81
101) trans-Decahydronapthalene	11.887	138	8868	0.99	ppb	#	82
102) 1,2-Dichlorobenzene	12.009	146	24593	0.99	ppb		94

Quantitation Report (QT Reviewed)

Data File : V10C14732.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:50 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

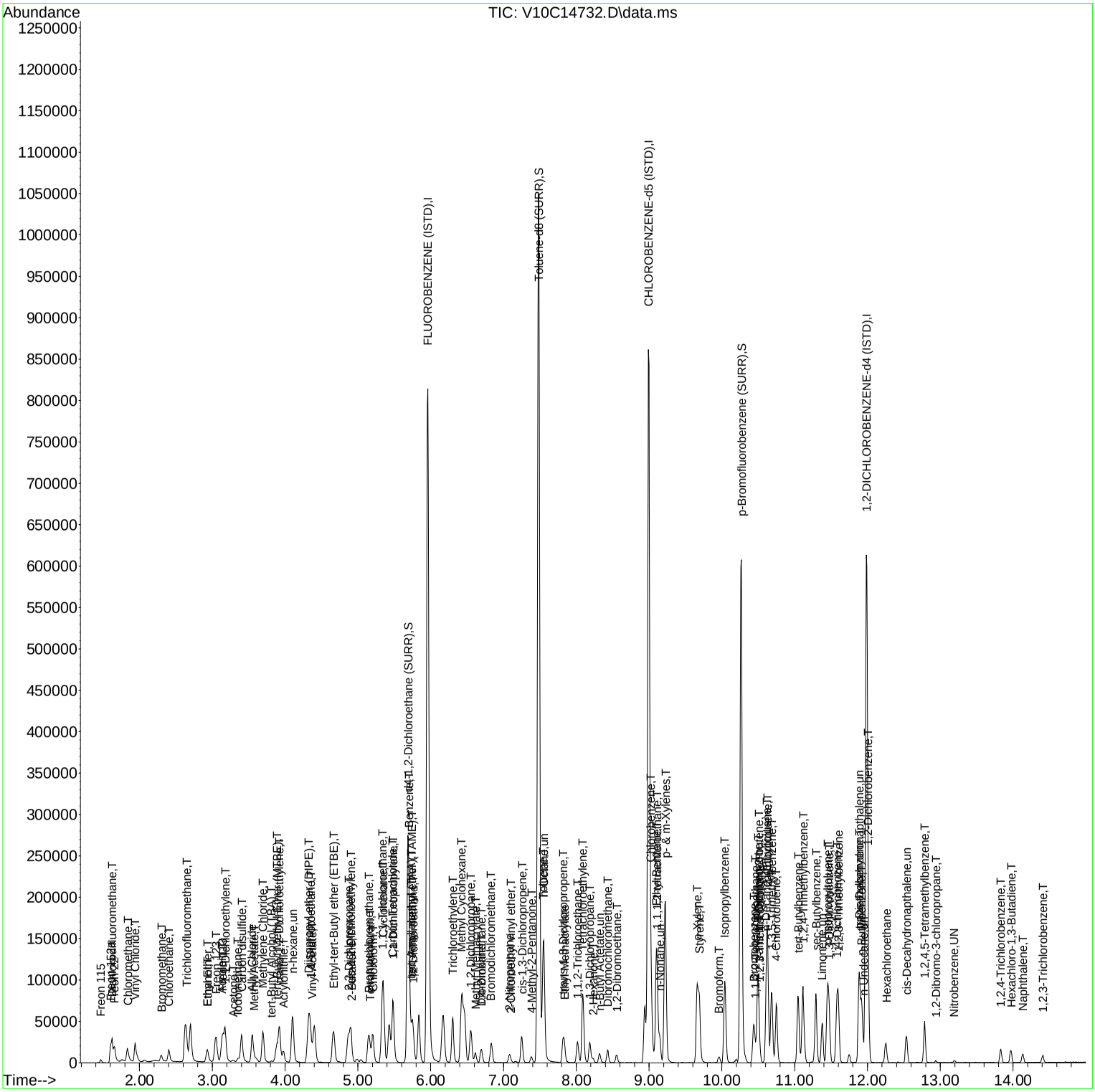
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	59486	0.93	ppb	#	85
104) Hexachloroethane	12.259	119	5607	0.73	ppb		92
105) n-Undecane	11.942	71	3491	1.10	ppb	#	1
106) cis-Decahydronapthalene	12.539	138	5920	0.87	ppb	#	85
107) 1,2-Dibromo-3-chloropr...	12.936	75	805	0.74	ppb		73
108) 1,2,4,5-Tetramethylben...	12.783	119	32823	0.80	ppb		96
109) Nitrobenzene	13.192	77	2094	7.12	ppb		88
110) 1,2,4-Trichlorobenzene	13.826	180	7230	0.90	ppb		93
111) Hexachloro-1,3-Butadiene	13.972	225	4278	1.08	ppb		92
112) Naphthalene	14.131	128	11326	0.80	ppb		97
113) 1,2,3-Trichlorobenzene	14.411	180	3858	0.84	ppb		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14732.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 5:50 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:54 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14733.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:18 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 Multiplr: 1.00
ALS Vial : 15
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.956	50	95370	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	132609	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	224126	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	168060	10.51	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 105.10%			
59) Toluene-d8 (SURR)	7.480	98	899078	10.35	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 103.50%			
81) p-Bromofluorobenzene (...	10.260	95	271892	9.44	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 94.40%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	2860	4.38	ppb	88
3) Freon 152a	1.605	51	33712	2.19	ppb	88
4) Dichlorodifluoromethane	1.628	85	45337	2.80	ppb	99
5) Freon 22	1.652	51	47779	2.33	ppb	96
6) Chloromethane	1.834	50	41373	2.22	ppb	99
7) Vinyl Chloride	1.938	62	47889	2.11	ppb	97
8) Bromomethane	2.298	94	11672	1.74	ppb	100
9) Chloroethane	2.401	64	28827	1.99	ppb	97
10) Trichlorofluoromethane	2.645	101	57510	2.09	ppb	100
11) Ethyl Ether	2.932	59	19828	1.99	ppb	93
12) Ethanol	2.926	45	20382	80.83	ppb	93
13) Freon 123	3.048	83	53974	2.07	ppb	96
14) 1,1-Dichloroethylene	3.176	61	55522	2.03	ppb	86
15) Freon 113	3.145	101	38130	2.18	ppb	91
16) Acrolein	3.133	56	8117	7.63	ppb	96
17) Acetone	3.291	58	1690	1.99	ppb	92
18) Iodomethane	3.358	142	17779	1.38	ppb	90
19) Carbon disulfide	3.401	76	112614	2.15	ppb	100
20) Allyl Chloride	3.547	41	54062	1.99	ppb	94
21) Methyl Acetate	3.578	43	10257	2.06	ppb	93
22) tert-Butyl Alcohol (TBA)	3.810	59	4761	8.63	ppb	96
23) Methylene Chloride	3.694	49	46152	2.20	ppb	84
24) Acrylonitrile	3.974	53	24079	9.84	ppb	96
25) trans-1,2-Dichloroethy...	3.925	61	52910	2.00	ppb	87
26) tert-Butyl Methyl Ethe...	3.889	73	58774	2.15	ppb	96
27) n-hexane	4.102	57	67144	2.04	ppb	95
28) 1,1-Dichloroethane	4.346	63	71692	1.91	ppb	99
29) Vinyl Acetate	4.377	86	3454	1.79	ppb	97
30) Diisopropyl ether (DIPE)	4.322	45	106565	1.77	ppb	96
31) Ethyl-tert-Butyl ether...	4.663	59	84429	1.84	ppb	95
32) cis-1,2-Dichloroethylene	4.901	61	58461	1.91	ppb	92
33) 2-Butanone	4.925	72	1821	1.75	ppb	78
34) 2,2-Dichloropropane	4.870	77	53379	1.97	ppb	91
35) Tetrahydrofuran	5.163	71	7668	9.34	ppb	92
36) Bromochloromethane	5.145	49	24547	1.86	ppb	81
37) Chloroform	5.206	83	63889	1.98	ppb	97
38) 1,1,1-Trichloroethane	5.334	97	55969	1.96	ppb	96
39) Cyclohexane	5.346	56	81235	1.84	ppb	94
40) 1,1-Dichloropropylene	5.486	75	58785	1.94	ppb	89
42) Carbon Tetrachloride	5.474	117	45314	1.97	ppb	98
43) tert-Amyl alcohol (TAA)	5.724	59	5652	9.35	ppb	86

Data File : V10C14733.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:18 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 Multiplr: 1.00
ALS Vial : 15
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	32008	1.97	ppb		98
45) Benzene	5.699	78	171049	1.98	ppb	#	70
46) tert-Amyl methyl ether...	5.742	73	73122	1.88	ppb		98
48) Trichloroethylene	6.303	95	42555	1.96	ppb		91
49) Methyl Cyclohexane	6.425	83	80358	1.88	ppb		94
50) Methyl Methacrylate	6.614	69	11313	1.75	ppb		92
51) Dibromomethane	6.693	93	13299	1.94	ppb		86
52) Bromodichloromethane	6.833	83	38137	1.80	ppb		97
53) 1,2-Dichloropropane	6.553	63	38538	1.85	ppb		98
54) 1,4-Dioxane	6.687	88	3639	47.29	ppb		93
55) 2-Nitropropane	7.083	43	16844	8.41	ppb		99
56) 2-Chloroethyl vinyl ether	7.096	63	1034	2.82	ppb	#	64
57) cis-1,3-Dichloropropene	7.254	75	47073	1.74	ppb		92
58) 4-Methyl-2-Pentanone	7.382	43	12056	1.70	ppb	#	99
60) Toluene	7.547	91	178910	1.93	ppb		100
61) n-Octane	7.559	85	21447	1.87	ppb		92
62) Ethyl Methacrylate	7.839	69	23112	1.67	ppb		92
63) trans-1,3-Dichloropropene	7.815	75	32542	1.69	ppb		97
64) 1,1,2-Trichloroethane	8.016	97	19898	1.96	ppb		94
65) 1,3-Dichloropropane	8.187	76	35715	1.84	ppb		95
66) Tetrachloroethylene	8.089	166	63871	2.00	ppb		95
67) 2-Hexanone	8.229	43	8038	1.67	ppb		97
68) n-Butyl Actetate	8.315	43	20077	1.56	ppb		98
69) Dibromochloromethane	8.431	129	20613	1.85	ppb		96
70) 1,2-Dibromoethane	8.553	107	16808	1.85	ppb		98
71) Chlorobenzene	9.022	112	101836	1.99	ppb	#	93
72) 1,1,1,2-tetrachloroethane	9.107	131	28175	1.87	ppb		90
73) n-Nonane	9.144	57	20227	1.74	ppb		96
74) Ethyl Benzene	9.101	91	194337	1.91	ppb		98
75) p- & m-Xylenes	9.223	91	287306	3.83	ppb		96
76) o-Xylene	9.656	91	132188	1.84	ppb		94
77) Styrene	9.687	104	103019	1.85	ppb		88
78) Bromoform	9.961	173	8803	1.74	ppb		98
80) Isopropylbenzene	10.040	105	177771	1.77	ppb		97
82) 1,1,2,2-Tetrachloroethane	10.467	83	18288	1.75	ppb		99
83) Bromobenzene	10.436	77	52233	1.72	ppb		83
84) trans-1,4-Dichloro-2-b...	10.510	75	18383	1.74	ppb		89
85) 1,2,3-Trichloropropane	10.510	110	5180	1.86	ppb		93
86) n-Propylbenzene	10.491	91	205454	1.74	ppb		97
87) n-Decane	10.601	57	15585	1.58	ppb		95
88) p-Ethyltoluene	10.619	105	164640	1.78	ppb		98
89) 1,3,5-Trimethylbenzene	10.686	105	127107	1.81	ppb		97
90) 2-Chlorotoluene	10.625	91	126350	1.76	ppb		95
91) 4-Chlorotoluene	10.747	91	109276	1.80	ppb		95
92) tert-Butylbenzene	11.046	119	107933	1.78	ppb		93
93) 1,2,4-Trimethylbenzene	11.107	105	117770	1.77	ppb		96
94) sec-Butylbenzene	11.290	105	150428	1.73	ppb		97
95) Limonene	11.375	68	32548	1.56	ppb		94
96) 1,3-Dichlorobenzene	11.473	146	60451	1.87	ppb		93
97) p-Isopropyltoluene	11.448	119	125953	1.80	ppb		97
98) 1,4-Dichlorobenzene	11.576	146	58894	1.87	ppb		93
99) 1,2,3-Trimethylbenzene	11.595	105	110809	1.78	ppb		96
100) p-Diethylbenzene	11.887	105	60278	1.76	ppb		97
101) trans-Decahydronapthalene	11.881	138	17315	1.86	ppb	#	82
102) 1,2-Dichlorobenzene	12.009	146	48056	1.88	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C14733.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:18 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 Multiplr: 1.00
ALS Vial : 15
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration

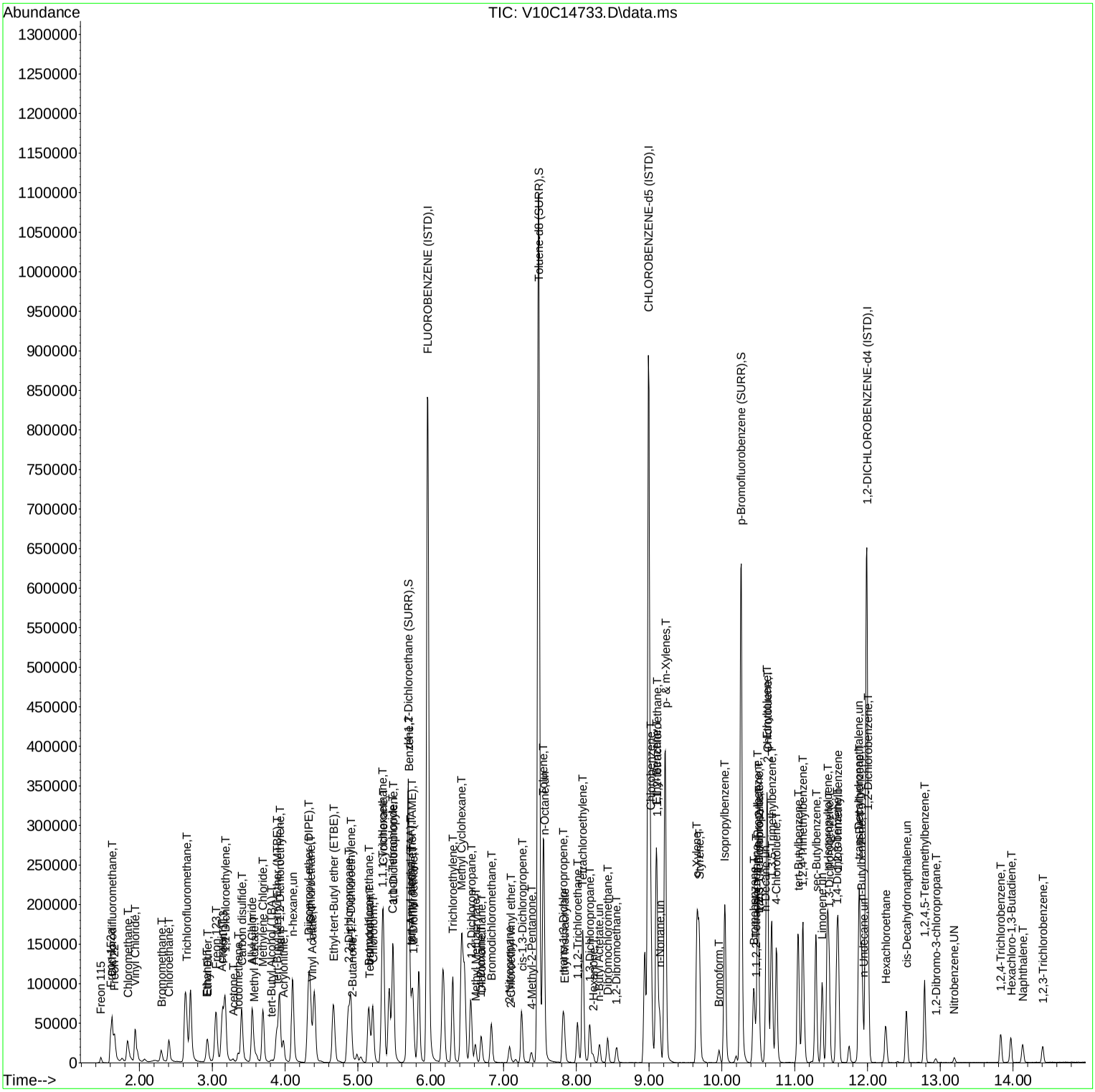
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	116498	1.76	ppb		98
104) Hexachloroethane	12.253	119	11133	1.40	ppb		93
105) n-Undecane	11.942	71	6388	1.95	ppb		76
106) cis-Decahydronapthalene	12.534	138	11791	1.68	ppb	#	83
107) 1,2-Dibromo-3-chloropr...	12.936	75	1756	1.56	ppb	#	70
108) 1,2,4,5-Tetramethylben...	12.783	119	70016	1.65	ppb		96
109) Nitrobenzene	13.192	77	4469	14.69	ppb		93
110) 1,2,4-Trichlorobenzene	13.832	180	15074	1.82	ppb		94
111) Hexachloro-1,3-Butadiene	13.972	225	8207	2.01	ppb		94
112) Naphthalene	14.131	128	24016	1.64	ppb		98
113) 1,2,3-Trichlorobenzene	14.411	180	9181	1.94	ppb	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14733.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:18 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 Multiplr: 1.00
ALS Vial : 15
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 19:45:57 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 19:44:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14734.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:47 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 Multiplr: 1.00
ALS Vial : 16
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 21:07:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 21:02:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.961	50	95817	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	138959	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	226196	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	177508	10.32	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 103.20%			
59) Toluene-d8 (SURR)	7.479	98	914080	9.61	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.10%			
81) p-Bromofluorobenzene (...	10.259	95	278996	10.08	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.80%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	5387	4.30	ppb	100
3) Freon 152a	1.604	51	70349	4.23	ppb	100
4) Dichlorodifluoromethane	1.622	85	90284	4.70	ppb	100
5) Freon 22	1.652	51	94839	4.19	ppb	100
6) Chloromethane	1.834	50	84222	4.10	ppb	100
7) Vinyl Chloride	1.938	62	98943	4.11	ppb	100
8) Bromomethane	2.297	94	24680	3.13	ppb	100
9) Chloroethane	2.401	64	60704	3.99	ppb	100
10) Trichlorofluoromethane	2.639	101	118862	4.11	ppb	100
11) Ethyl Ether	2.932	59	41995	4.00	ppb	100
12) Ethanol	2.932	45	42716	159.82	ppb	100
13) Freon 123	3.047	83	109425	3.92	ppb	100
14) 1,1-Dichloroethylene	3.175	61	116046	4.06	ppb	100
15) Freon 113	3.145	101	77224	4.08	ppb	100
16) Acrolein	3.127	56	16725	14.35	ppb	100
17) Acetone	3.279	58	3673	4.40	ppb	100
18) Iodomethane	3.358	142	39037	3.41	ppb	100
19) Carbon disulfide	3.401	76	226999	4.06	ppb	100
20) Allyl Chloride	3.547	41	114240	4.10	ppb	100
21) Methyl Acetate	3.578	43	22082	4.11	ppb	100
22) tert-Butyl Alcohol (TBA)	3.815	59	11508	19.58	ppb	100
23) Methylene Chloride	3.694	49	90103	3.77	ppb	100
24) Acrylonitrile	3.974	53	52055	20.69	ppb	100
25) trans-1,2-Dichloroethy...	3.919	61	108767	3.99	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	125166	4.16	ppb	100
27) n-hexane	4.102	57	149313	4.26	ppb	100
28) 1,1-Dichloroethane	4.346	63	153153	4.01	ppb	100
29) Vinyl Acetate	4.370	86	7788	4.10	ppb	100
30) Diisopropyl ether (DIPE)	4.321	45	231905	4.01	ppb	100
31) Ethyl-tert-Butyl ether...	4.663	59	184414	4.09	ppb	100
32) cis-1,2-Dichloroethylene	4.901	61	124459	4.01	ppb	100
33) 2-Butanone	4.925	72	4294	4.81	ppb	100
34) 2,2-Dichloropropane	4.870	77	111984	3.97	ppb	100
35) Tetrahydrofuran	5.157	71	16954	21.93	ppb	100
36) Bromochloromethane	5.144	49	52350	4.07	ppb	100
37) Chloroform	5.205	83	134163	4.00	ppb	100
38) 1,1,1-Trichloroethane	5.333	97	118339	3.97	ppb	100
39) Cyclohexane	5.346	56	175858	4.08	ppb	100
40) 1,1-Dichloropropylene	5.486	75	124134	4.00	ppb	100
42) Carbon Tetrachloride	5.474	117	96992	3.95	ppb	100
43) tert-Amyl alcohol (TAA)	5.711	59	13189	22.20	ppb	96

Data File : V10C14734.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:47 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 Multiplr: 1.00
ALS Vial : 16
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 21:07:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 21:02:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	1,2-Dichloroethane	5.760	62	66433	3.89	ppb		100
45)	Benzene	5.699	78	356272	4.00	ppb		100
46)	tert-Amyl methyl ether...	5.742	73	161174	4.07	ppb		100
48)	Trichloroethylene	6.303	95	89177	3.80	ppb		100
49)	Methyl Cyclohexane	6.425	83	173122	3.89	ppb		100
50)	Methyl Methacrylate	6.614	69	25661	3.92	ppb		100
51)	Dibromomethane	6.693	93	28495	3.88	ppb		100
52)	Bromodichloromethane	6.833	83	84381	3.84	ppb		100
53)	1,2-Dichloropropane	6.553	63	80552	3.80	ppb		100
54)	1,4-Dioxane	6.687	88	8393	101.37	ppb		100
55)	2-Nitropropane	7.083	43	39268	19.65	ppb		100
56)	2-Chloroethyl vinyl ether	7.095	63	2647	7.03	ppb		100
57)	cis-1,3-Dichloropropene	7.248	75	104758	3.87	ppb		100
58)	4-Methyl-2-Pentanone	7.382	43	27160	3.78	ppb	#	100
60)	Toluene	7.546	91	377049	3.83	ppb		100
61)	n-Octane	7.559	85	46203	3.71	ppb		100
62)	Ethyl Methacrylate	7.833	69	53232	3.80	ppb		100
63)	trans-1,3-Dichloropropene	7.815	75	73625	3.80	ppb		100
64)	1,1,2-Trichloroethane	8.016	97	42441	3.84	ppb		100
65)	1,3-Dichloropropane	8.187	76	79128	3.91	ppb		100
66)	Tetrachloroethylene	8.089	166	136145	3.80	ppb		100
67)	2-Hexanone	8.229	43	18663	3.95	ppb		100
68)	n-Butyl Actetate	8.315	43	47800	3.79	ppb		100
69)	Dibromochloromethane	8.430	129	45727	3.80	ppb		100
70)	1,2-Dibromoethane	8.552	107	37494	3.88	ppb		100
71)	Chlorobenzene	9.028	112	212979	3.83	ppb		100
72)	1,1,1,2-tetrachloroethane	9.113	131	61415	3.79	ppb		100
73)	n-Nonane	9.144	57	44154	3.65	ppb		100
74)	Ethyl Benzene	9.101	91	413086	3.81	ppb		100
75)	p- & m-Xylenes	9.223	91	612715	7.73	ppb		100
76)	o-Xylene	9.662	91	286780	3.84	ppb		100
77)	Styrene	9.686	104	225805	3.89	ppb		100
78)	Bromoform	9.961	173	20505	3.75	ppb		100
80)	Isopropylbenzene	10.040	105	384386	4.02	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.461	83	40351	4.04	ppb		100
83)	Bromobenzene	10.436	77	112172	3.89	ppb		100
84)	trans-1,4-Dichloro-2-b...	10.515	75	38804	3.84	ppb		100
85)	1,2,3-Trichloropropane	10.509	110	11024	4.09	ppb		100
86)	n-Propylbenzene	10.497	91	445696	4.00	ppb		100
87)	n-Decane	10.607	57	33865	2.66	ppb		100
88)	p-Ethyltoluene	10.619	105	348986	3.92	ppb		100
89)	1,3,5-Trimethylbenzene	10.686	105	273263	4.04	ppb		100
90)	2-Chlorotoluene	10.625	91	270732	3.97	ppb		100
91)	4-Chlorotoluene	10.747	91	232183	3.98	ppb		100
92)	tert-Butylbenzene	11.046	119	233567	3.99	ppb		100
93)	1,2,4-Trimethylbenzene	11.113	105	254500	3.99	ppb		100
94)	sec-Butylbenzene	11.290	105	332999	4.00	ppb		100
95)	Limonene	11.375	68	74733	3.88	ppb		100
96)	1,3-Dichlorobenzene	11.473	146	126906	3.95	ppb		100
97)	p-Isopropyltoluene	11.448	119	272446	3.99	ppb		100
98)	1,4-Dichlorobenzene	11.576	146	121695	3.88	ppb		100
99)	1,2,3-Trimethylbenzene	11.601	105	236451	3.98	ppb		100
100)	p-Diethylbenzene	11.887	105	130925	3.92	ppb		100
101)	trans-Decahydronapthalene	11.887	138	36456	3.87	ppb		100
102)	1,2-Dichlorobenzene	12.009	146	99567	3.91	ppb		100

Quantitation Report (QT Reviewed)

Data File : V10C14734.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:47 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 Multiplr: 1.00
ALS Vial : 16
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 21:07:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 21:02:02 2025
Response via : Initial Calibration

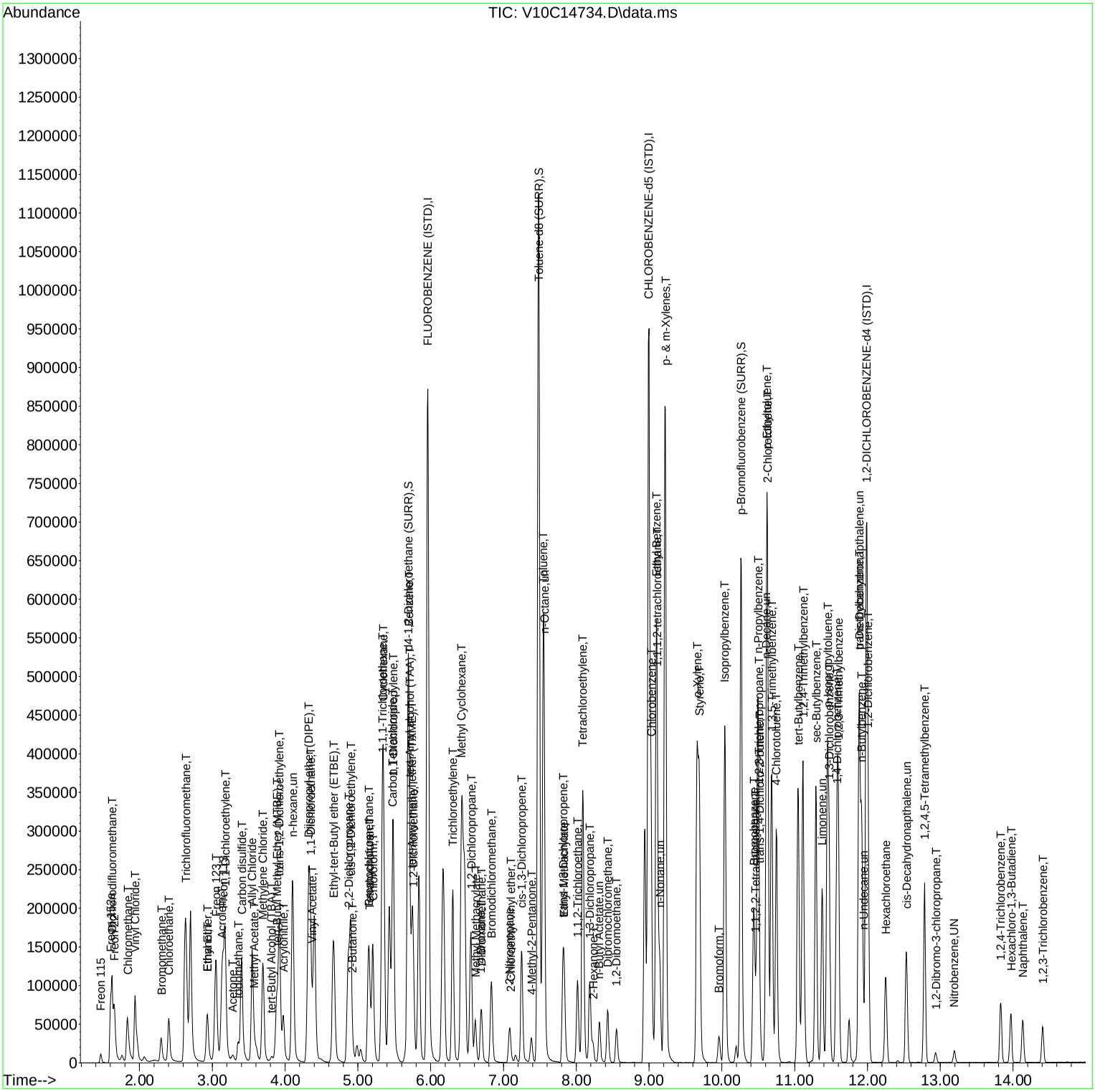
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	255791	3.99	ppb		100
104) Hexachloroethane	12.253	119	27948	3.75	ppb		100
105) n-Undecane	11.942	71	13193	2.60	ppb		100
106) cis-Decahydronapthalene	12.533	138	26508	3.76	ppb	#	100
107) 1,2-Dibromo-3-chloropr...	12.936	75	4124	4.09	ppb		100
108) 1,2,4,5-Tetramethylben...	12.783	119	155426	3.95	ppb		100
109) Nitrobenzene	13.192	77	10606	40.08	ppb		100
110) 1,2,4-Trichlorobenzene	13.832	180	31271	3.77	ppb		100
111) Hexachloro-1,3-Butadiene	13.972	225	16641	3.82	ppb		100
112) Naphthalene	14.131	128	54069	3.87	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	18947	3.97	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14734.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 6:47 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 Multiplr: 1.00
ALS Vial : 16
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 21:07:00 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 21:02:02 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14735.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:15 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 Multiplr: 1.00
ALS Vial : 17
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:58:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:58:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	105813	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.997	54	142496	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	224800	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	177464	9.34	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 93.40%				
59) Toluene-d8 (SURR)	7.479	98	933814	9.58	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 95.80%				
81) p-Bromofluorobenzene (...	10.259	95	288761	10.50	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 105.00%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	7238	5.23	ppb		94
3) Freon 152a	1.604	51	170858	9.30	ppb		96
4) Dichlorodifluoromethane	1.628	85	179048	8.43	ppb		100
5) Freon 22	1.657	51	235262m	9.49	ppb		
6) Chloromethane	1.840	50	206744	9.12	ppb		99
7) Vinyl Chloride	1.944	62	251806	9.47	ppb		99
8) Bromomethane	2.298	94	74427	8.55	ppb		97
9) Chloroethane	2.401	64	160936	9.57	ppb		99
10) Trichlorofluoromethane	2.645	101	304896	9.54	ppb		99
11) Ethyl Ether	2.932	59	110401	9.53	ppb		97
12) Ethanol	2.932	45	111906	379.13	ppb		98
13) Freon 123	3.053	83	289516	9.40	ppb		100
14) 1,1-Dichloroethylene	3.175	61	302556	9.58	ppb		98
15) Freon 113	3.145	101	194373	9.30	ppb		99
16) Acrolein	3.133	56	47230	36.68	ppb		95
17) Acetone	3.285	58	9426	10.23	ppb		100
18) Iodomethane	3.358	142	143391	11.35	ppb		98
19) Carbon disulfide	3.407	76	581063	9.42	ppb		99
20) Allyl Chloride	3.547	41	301585	9.81	ppb		99
21) Methyl Acetate	3.578	43	55228	9.31	ppb		97
22) tert-Butyl Alcohol (TBA)	3.816	59	30596	47.15	ppb	#	84
23) Methylene Chloride	3.694	49	232776	8.83	ppb		98
24) Acrylonitrile	3.974	53	135765	48.87	ppb		97
25) trans-1,2-Dichloroethy...	3.925	61	292472	9.71	ppb		97
26) tert-Butyl Methyl Ethe...	3.889	73	303225	9.14	ppb		99
27) n-hexane	4.108	57	365261	9.44	ppb		99
28) 1,1-Dichloroethane	4.346	63	417085	9.90	ppb		99
29) Vinyl Acetate	4.376	86	21467	10.23	ppb		87
30) Diisopropyl ether (DIPE)	4.322	45	667682	10.44	ppb		97
31) Ethyl-tert-Butyl ether...	4.663	59	508582	10.21	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	339062	9.90	ppb		98
33) 2-Butanone	4.925	72	11517	11.68	ppb		65
34) 2,2-Dichloropropane	4.870	77	300360	9.63	ppb		99
35) Tetrahydrofuran	5.163	71	45555	53.37	ppb		95
36) Bromochloromethane	5.145	49	146390	10.30	ppb		90
37) Chloroform	5.205	83	357585	9.66	ppb		99
38) 1,1,1-Trichloroethane	5.340	97	316771	9.62	ppb		99
39) Cyclohexane	5.346	56	488843	10.27	ppb		97
40) 1,1-Dichloropropylene	5.486	75	335426	9.78	ppb		97
42) Carbon Tetrachloride	5.480	117	254849	9.39	ppb		99
43) tert-Amyl alcohol (TAA)	5.724	59	33539	51.13	ppb		81

Data File : V10C14735.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:15 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 Multiplr: 1.00
ALS Vial : 17
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:58:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:58:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	180690	9.59	ppb		99
45) Benzene	5.699	78	956481	9.73	ppb		88
46) tert-Amyl methyl ether...	5.742	73	431471	9.88	ppb		99
48) Trichloroethylene	6.303	95	233244	9.70	ppb		98
49) Methyl Cyclohexane	6.425	83	458170	10.04	ppb		97
50) Methyl Methacrylate	6.614	69	69407	10.33	ppb		96
51) Dibromomethane	6.693	93	73596	9.76	ppb		96
52) Bromodichloromethane	6.833	83	227366	10.09	ppb		99
53) 1,2-Dichloropropane	6.553	63	223747	10.30	ppb		98
54) 1,4-Dioxane	6.687	88	20670	243.45	ppb		92
55) 2-Nitropropane	7.083	43	107612	52.52	ppb		94
56) 2-Chloroethyl vinyl ether	7.095	63	3937	10.20	ppb		98
57) cis-1,3-Dichloropropene	7.248	75	289948	10.45	ppb		98
58) 4-Methyl-2-Pentanone	7.382	43	76040	10.32	ppb	#	100
60) Toluene	7.547	91	995278	9.85	ppb		100
61) n-Octane	7.559	85	123214	9.66	ppb		96
62) Ethyl Methacrylate	7.833	69	148819	10.37	ppb		97
63) trans-1,3-Dichloropropene	7.815	75	206399	10.38	ppb		98
64) 1,1,2-Trichloroethane	8.016	97	109325	9.65	ppb		98
65) 1,3-Dichloropropane	8.187	76	208562	10.05	ppb		98
66) Tetrachloroethylene	8.089	166	343222	9.35	ppb		99
67) 2-Hexanone	8.229	43	51801	10.70	ppb		99
68) n-Butyl Actetate	8.315	43	137854	10.65	ppb		99
69) Dibromochloromethane	8.430	129	119456	9.67	ppb		99
70) 1,2-Dibromoethane	8.552	107	97553	9.86	ppb		100
71) Chlorobenzene	9.022	112	550198	9.65	ppb		96
72) 1,1,1,2-tetrachloroethane	9.113	131	161598	9.72	ppb		98
73) n-Nonane	9.144	57	124617	10.06	ppb		96
74) Ethyl Benzene	9.101	91	1092497	9.83	ppb		100
75) p- & m-Xylenes	9.223	91	1618094	19.92	ppb		99
76) o-Xylene	9.662	91	772958	10.10	ppb		99
77) Styrene	9.686	104	598118	10.05	ppb		97
78) Bromoform	9.961	173	54303	9.68	ppb		98
80) Isopropylbenzene	10.040	105	1009078	10.61	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.461	83	104704	10.54	ppb		99
83) Bromobenzene	10.436	77	304381	10.62	ppb		96
84) trans-1,4-Dichloro-2-b...	10.509	75	106030	10.55	ppb		99
85) 1,2,3-Trichloropropane	10.509	110	27864	10.40	ppb		99
86) n-Propylbenzene	10.497	91	1181342	10.66	ppb		99
87) n-Decane	10.601	57	98770	7.81	ppb		97
88) p-Ethyltoluene	10.619	105	927358	10.48	ppb		100
89) 1,3,5-Trimethylbenzene	10.680	105	704193	10.47	ppb		100
90) 2-Chlorotoluene	10.625	91	718144	10.59	ppb		98
91) 4-Chlorotoluene	10.747	91	609715	10.52	ppb		100
92) tert-Butylbenzene	11.046	119	607458	10.44	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	665732	10.51	ppb		99
94) sec-Butylbenzene	11.290	105	870402	10.51	ppb		100
95) Limonene	11.375	68	208938	10.92	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	324675	10.18	ppb		99
97) p-Isopropyltoluene	11.448	119	703627	10.38	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	316596	10.16	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	623585	10.57	ppb		99
100) p-Diethylbenzene	11.887	105	343878	10.37	ppb		98
101) trans-Decahydronapthalene	11.887	138	93245	9.95	ppb		100
102) 1,2-Dichlorobenzene	12.009	146	256809	10.14	ppb		98

Quantitation Report (QT Reviewed)

Data File : V10C14735.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:15 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 Multiplr: 1.00
ALS Vial : 17
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:58:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:58:27 2025
Response via : Initial Calibration

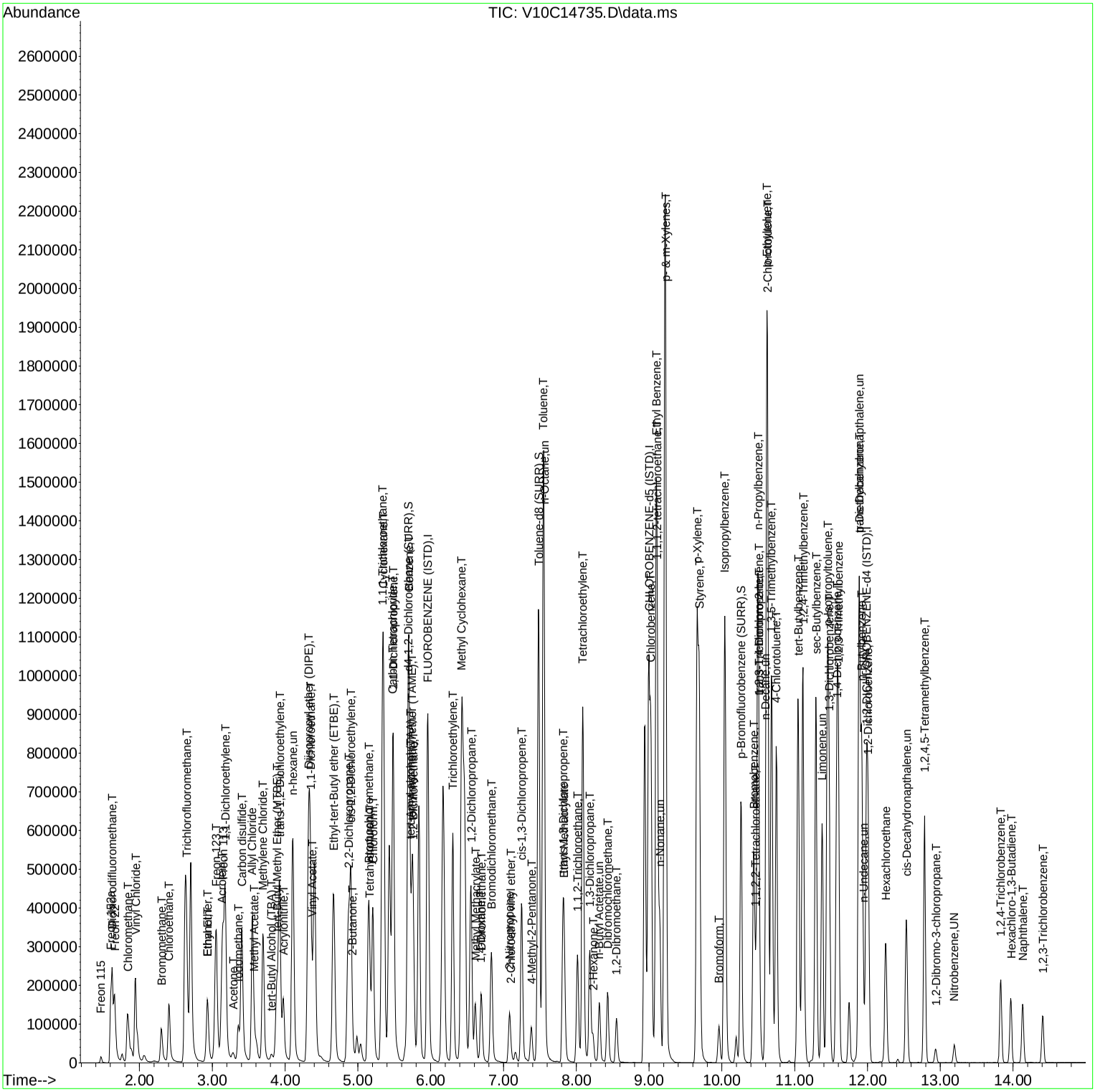
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	663142	10.42	ppb		99
104) Hexachloroethane	12.253	119	79495	10.73	ppb		99
105) n-Undecane	11.942	71	32933	6.54	ppb		89
106) cis-Decahydronapthalene	12.533	138	70443	10.04	ppb	#	100
107) 1,2-Dibromo-3-chloropr...	12.936	75	11303	11.27	ppb		92
108) 1,2,4,5-Tetramethylben...	12.783	119	426018	10.89	ppb		100
109) Nitrobenzene	13.192	77	30508	116.01	ppb		99
110) 1,2,4-Trichlorobenzene	13.832	180	83185	10.10	ppb		100
111) Hexachloro-1,3-Butadiene	13.972	225	41015	9.48	ppb		95
112) Naphthalene	14.131	128	147131	10.59	ppb		99
113) 1,2,3-Trichlorobenzene	14.411	180	47366	10.00	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14735.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:15 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 Multiplr: 1.00
ALS Vial : 17
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:58:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:58:27 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14736.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:44 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 Multiplr: 1.00
ALS Vial : 18
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:45:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	94782	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	130344	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	235115	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	170479	10.19	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.90%				
59) Toluene-d8 (SURR)	7.479	98	914894	10.69	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 106.90%				
81) p-Bromofluorobenzene (...	10.259	95	282806	9.55	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 95.50%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	18900	19.09	ppb		96
3) Freon 152a	1.604	51	334305	20.45	ppb		100
4) Dichlorodifluoromethane	1.622	85	377740m	19.66	ppb		
5) Freon 22	1.651	51	457111	20.76	ppb		99
6) Chloromethane	1.834	50	399941	20.33	ppb		99
7) Vinyl Chloride	1.938	62	479196	20.34	ppb		99
8) Bromomethane	2.297	94	175041	27.41	ppb		99
9) Chloroethane	2.401	64	297506	20.22	ppb		98
10) Trichlorofluoromethane	2.645	101	566013	19.95	ppb		100
11) Ethyl Ether	2.931	59	209302	20.65	ppb		99
12) Ethanol	2.931	45	205759	799.54	ppb		97
13) Freon 123	3.047	83	545128	20.57	ppb		99
14) 1,1-Dichloroethylene	3.175	61	562558	20.16	ppb		99
15) Freon 113	3.145	101	367351	20.15	ppb		99
16) Acrolein	3.127	56	94007	89.89	ppb		94
17) Acetone	3.279	58	15524	17.71	ppb		92
18) Iodomethane	3.358	142	271022	24.09	ppb		99
19) Carbon disulfide	3.401	76	1081513	19.99	ppb		99
20) Allyl Chloride	3.547	41	537154	19.44	ppb		98
21) Methyl Acetate	3.578	43	105319	20.24	ppb		97
22) tert-Butyl Alcohol (TBA)	3.809	59	65459	117.17	ppb	#	83
23) Methylene Chloride	3.694	49	414664	19.22	ppb		98
24) Acrylonitrile	3.974	53	252452	100.84	ppb		97
25) trans-1,2-Dichloroethy...	3.925	61	533757	20.08	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	580572	19.98	ppb		98
27) n-hexane	4.108	57	707969	20.33	ppb		99
28) 1,1-Dichloroethane	4.346	63	755830	20.09	ppb		99
29) Vinyl Acetate	4.370	86	42846	22.26	ppb		88
30) Diisopropyl ether (DIPE)	4.321	45	1154348	19.71	ppb		98
31) Ethyl-tert-Butyl ether...	4.669	59	921383	20.21	ppb		100
32) cis-1,2-Dichloroethylene	4.901	61	614468	20.10	ppb		99
33) 2-Butanone	4.919	72	20505	19.59	ppb		73
34) 2,2-Dichloropropane	4.870	77	559700	20.50	ppb		97
35) Tetrahydrofuran	5.163	71	86881	105.01	ppb		96
36) Bromochloromethane	5.144	49	254813	19.56	ppb		98
37) Chloroform	5.205	83	664076	20.37	ppb		99
38) 1,1,1-Trichloroethane	5.340	97	598501	20.77	ppb		99
39) Cyclohexane	5.346	56	860344	19.72	ppb		99
40) 1,1-Dichloropropylene	5.486	75	608974	20.05	ppb		98
42) Carbon Tetrachloride	5.480	117	493842	21.10	ppb		99
43) tert-Amyl alcohol (TAA)	5.718	59	63871	101.93	ppb		92

Data File : V10C14736.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:44 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 Multiplr: 1.00
ALS Vial : 18
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:45:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	332126	20.37	ppb		98
45) Benzene	5.699	78	1755975	20.21	ppb	#	83
46) tert-Amyl methyl ether...	5.742	73	816759	20.81	ppb		98
48) Trichloroethylene	6.303	95	444121	21.02	ppb		99
49) Methyl Cyclohexane	6.431	83	864370	20.95	ppb		98
50) Methyl Methacrylate	6.614	69	131240	21.23	ppb		99
51) Dibromomethane	6.693	93	144306	21.52	ppb		99
52) Bromodichloromethane	6.833	83	433965	21.39	ppb		99
53) 1,2-Dichloropropane	6.553	63	401503	20.40	ppb		99
54) 1,4-Dioxane	6.687	88	40368	523.05	ppb		95
55) 2-Nitropropane	7.083	43	208271	109.32	ppb		96
56) 2-Chloroethyl vinyl ether	7.089	63	5754	11.73	ppb		94
57) cis-1,3-Dichloropropene	7.248	75	540745	21.17	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	138217	20.75	ppb	#	97
60) Toluene	7.546	91	1876668	20.91	ppb		100
61) n-Octane	7.553	85	247855	22.44	ppb		98
62) Ethyl Methacrylate	7.833	69	288640	22.12	ppb		97
63) trans-1,3-Dichloropropene	7.815	75	400034	22.14	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	215384	21.59	ppb		99
65) 1,3-Dichloropropane	8.187	76	395231	21.00	ppb		98
66) Tetrachloroethylene	8.089	166	695803	21.98	ppb		99
67) 2-Hexanone	8.229	43	92343	20.26	ppb		96
68) n-Butyl Actetate	8.315	43	255626	21.46	ppb		99
69) Dibromochloromethane	8.430	129	245701	22.70	ppb		99
70) 1,2-Dibromoethane	8.552	107	195429	22.06	ppb		100
71) Chlorobenzene	9.022	112	1074330	21.44	ppb		96
72) 1,1,1,2-tetrachloroethane	9.113	131	325249	22.29	ppb		97
73) n-Nonane	9.144	57	253990	23.34	ppb		99
74) Ethyl Benzene	9.101	91	2105632	21.40	ppb		99
75) p- & m-Xylenes	9.223	91	3094487	42.52	ppb		100
76) o-Xylene	9.662	91	1489053	21.59	ppb		100
77) Styrene	9.686	104	1173453	21.80	ppb		99
78) Bromoform	9.961	173	116753	23.89	ppb		98
80) Isopropylbenzene	10.040	105	1990341	19.38	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.461	83	203340	18.97	ppb		100
83) Bromobenzene	10.436	77	579693	19.01	ppb		99
84) trans-1,4-Dichloro-2-b...	10.515	75	206623	19.52	ppb		95
85) 1,2,3-Trichloropropane	10.509	110	54864	18.99	ppb		100
86) n-Propylbenzene	10.497	91	2305021	19.26	ppb		99
87) n-Decane	10.601	57	256432	26.81	ppb		98
88) p-Ethyltoluene	10.619	105	1840101	19.61	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	1390050	19.22	ppb		99
90) 2-Chlorotoluene	10.625	91	1382447	19.01	ppb		100
91) 4-Chlorotoluene	10.747	91	1185756	19.11	ppb		99
92) tert-Butylbenzene	11.046	119	1235134	19.89	ppb		100
93) 1,2,4-Trimethylbenzene	11.113	105	1325221	19.52	ppb		100
94) sec-Butylbenzene	11.290	105	1744021	19.64	ppb		99
95) Limonene	11.375	68	423122	20.50	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	656091	19.60	ppb		99
97) p-Isopropyltoluene	11.448	119	1417362	19.63	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	643929	19.89	ppb		98
99) 1,2,3-Trimethylbenzene	11.601	105	1216240	19.20	ppb		100
100) p-Diethylbenzene	11.887	105	700494	20.02	ppb		98
101) trans-Decahydronapthalene	11.887	138	204012	21.22	ppb		95
102) 1,2-Dichlorobenzene	12.009	146	519526	19.70	ppb		97

Quantitation Report (QT Reviewed)

Data File : V10C14736.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:44 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 Multiplr: 1.00
ALS Vial : 18
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:45:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

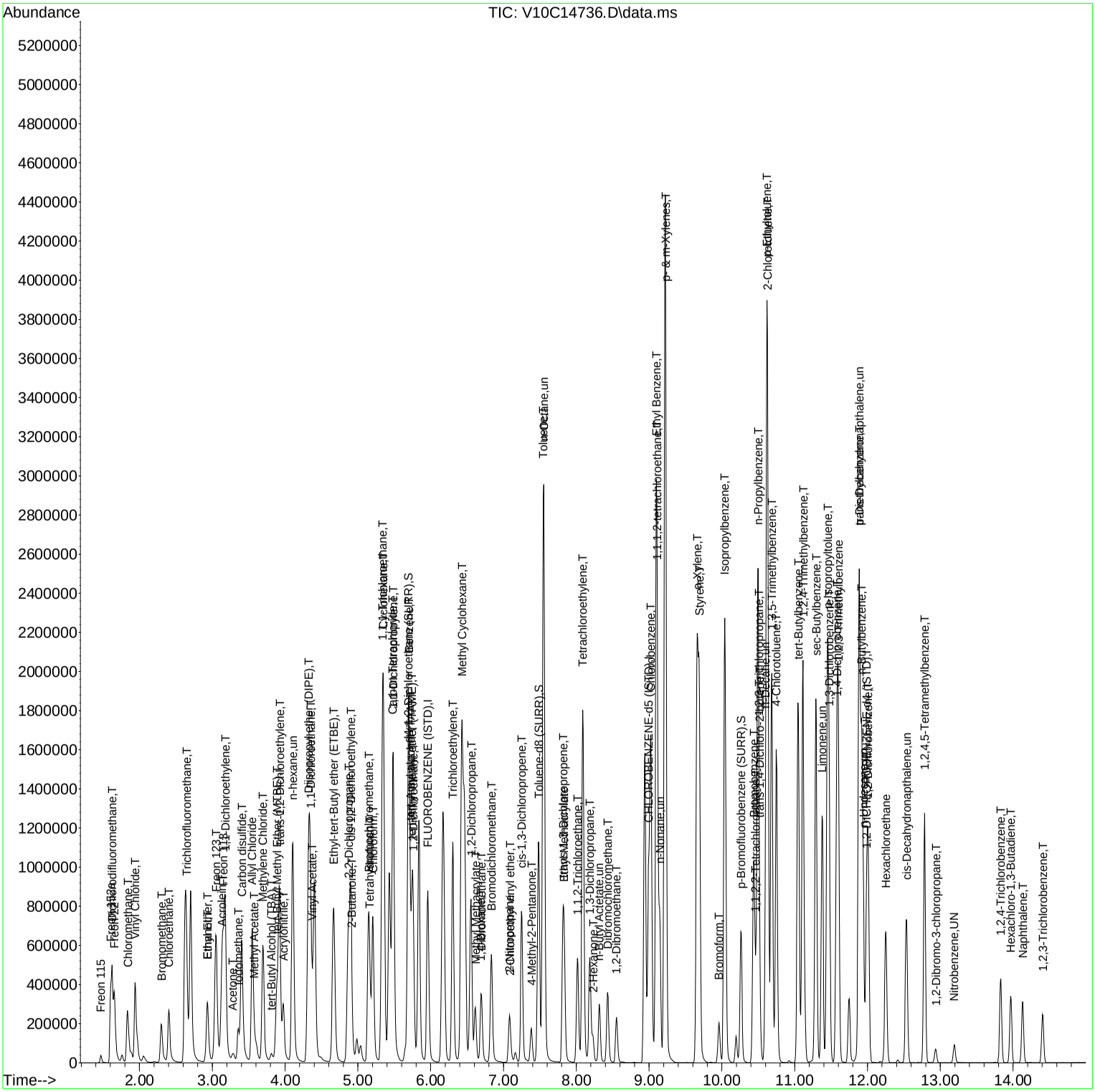
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	1321313	19.46	ppb		99
104) Hexachloroethane	12.253	119	176020	22.60	ppb		97
105) n-Undecane	11.942	71	148340	43.17	ppb		90
106) cis-Decahydronapthalene	12.539	138	155448	21.81	ppb	#	93
107) 1,2-Dibromo-3-chloropr...	12.936	75	21454	19.04	ppb		96
108) 1,2,4,5-Tetramethylben...	12.783	119	860970	20.27	ppb		99
109) Nitrobenzene	13.192	77	61270	206.06	ppb		96
110) 1,2,4-Trichlorobenzene	13.832	180	177670	21.12	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	88420	20.53	ppb		97
112) Naphthalene	14.131	128	306812	20.84	ppb		98
113) 1,2,3-Trichlorobenzene	14.405	180	99624	20.17	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14736.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 7:44 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 Multiplr: 1.00
ALS Vial : 18
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:45:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14737.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:12 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 Multiplr: 1.00
ALS Vial : 19
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:46:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.961	50	103150	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	153995	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	238322	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	180226	9.84	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.40%			
59) Toluene-d8 (SURR)	7.479	98	993646	9.61	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.10%			
81) p-Bromofluorobenzene (...	10.259	95	302728	10.24	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.40%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	9194	8.66	ppb	94
3) Freon 152a	1.604	51	591740	33.01	ppb	96
4) Dichlorodifluoromethane	1.628	85	511230m	24.44	ppb	
5) Freon 22	1.651	51	814132m	33.55	ppb	
6) Chloromethane	1.834	50	781579	36.31	ppb	99
7) Vinyl Chloride	1.938	62	948425	36.79	ppb	99
8) Bromomethane	2.304	94	429978	55.07	ppb	99
9) Chloroethane	2.401	64	630704	39.24	ppb	98
10) Trichlorofluoromethane	2.645	101	1183508	38.37	ppb	100
11) Ethyl Ether	2.931	59	467142	41.89	ppb	99
12) Ethanol	2.931	45	480139	1714.71	ppb	96
13) Freon 123	3.053	83	1228643	42.20	ppb	100
14) 1,1-Dichloroethylene	3.175	61	1224737	40.22	ppb	100
15) Freon 113	3.145	101	781261	39.28	ppb	99
16) Acrolein	3.120	56	219009	184.81	ppb	94
17) Acetone	3.285	58	34036	37.10	ppb	86
18) Iodomethane	3.358	142	719654	55.03	ppb	100
19) Carbon disulfide	3.407	76	2307293	39.20	ppb	100
20) Allyl Chloride	3.547	41	1165539	39.12	ppb	99
21) Methyl Acetate	3.578	43	234440	41.23	ppb	98
22) tert-Butyl Alcohol (TBA)	3.809	59	163686	254.65	ppb	87
23) Methylene Chloride	3.694	49	929275	40.10	ppb	99
24) Acrylonitrile	3.974	53	571849	209.31	ppb	98
25) trans-1,2-Dichloroethy...	3.925	61	1198431	41.38	ppb	99
26) tert-Butyl Methyl Ethe...	3.889	73	1223303	38.70	ppb	98
27) n-hexane	4.108	57	1373155	36.04	ppb	98
28) 1,1-Dichloroethane	4.346	63	1686047	41.12	ppb	99
29) Vinyl Acetate	4.376	86	85933	39.54	ppb	96
30) Diisopropyl ether (DIPE)	4.321	45	2594507	40.90	ppb	99
31) Ethyl-tert-Butyl ether...	4.669	59	1967914	39.53	ppb	100
32) cis-1,2-Dichloroethylene	4.901	61	1375854	41.28	ppb	99
33) 2-Butanone	4.919	72	44574	39.40	ppb	83
34) 2,2-Dichloropropane	4.870	77	1248729	41.68	ppb	97
35) Tetrahydrofuran	5.163	71	190611	208.22	ppb	98
36) Bromochloromethane	5.144	49	554743	39.41	ppb	99
37) Chloroform	5.205	83	1486032	41.62	ppb	100
38) 1,1,1-Trichloroethane	5.333	97	1340682	42.21	ppb	99
39) Cyclohexane	5.346	56	1881964	39.82	ppb	100
40) 1,1-Dichloropropylene	5.486	75	1370109	41.42	ppb	100
42) Carbon Tetrachloride	5.480	117	1127906	43.48	ppb	99
43) tert-Amyl alcohol (TAA)	5.718	59	141515	206.20	ppb	91

Quantitation Report (QT Reviewed)

Data File : V10C14737.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:12 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 Multiplr: 1.00
ALS Vial : 19
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:46:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	737728	41.32	ppb		98
45) Benzene	5.699	78	3881455	40.90	ppb	#	81
46) tert-Amyl methyl ether...	5.742	73	1784275	41.21	ppb		98
48) Trichloroethylene	6.303	95	995517	39.22	ppb		99
49) Methyl Cyclohexane	6.431	83	1891735	38.21	ppb		99
50) Methyl Methacrylate	6.614	69	293685	39.40	ppb		99
51) Dibromomethane	6.693	93	313960	38.65	ppb		98
52) Bromodichloromethane	6.833	83	981795	40.03	ppb		100
53) 1,2-Dichloropropane	6.553	63	912262	38.98	ppb		98
54) 1,4-Dioxane	6.687	88	88668	957.71	ppb		98
55) 2-Nitropropane	7.083	43	514131	221.53	ppb		97
56) 2-Chloroethyl vinyl ether	7.089	63	7618	15.25	ppb		93
57) cis-1,3-Dichloropropene	7.248	75	1255657	40.81	ppb		98
58) 4-Methyl-2-Pentanone	7.382	43	344815	43.27	ppb	#	100
60) Toluene	7.546	91	4322324	40.16	ppb		100
61) n-Octane	7.559	85	548911	40.42	ppb		97
62) Ethyl Methacrylate	7.833	69	682245	42.75	ppb		98
63) trans-1,3-Dichloropropene	7.815	75	927427	41.94	ppb		98
64) 1,1,2-Trichloroethane	8.016	97	477278	39.45	ppb		98
65) 1,3-Dichloropropane	8.187	76	908720	40.20	ppb		98
66) Tetrachloroethylene	8.089	166	1559460	40.36	ppb		100
67) 2-Hexanone	8.223	43	227870	42.14	ppb		99
68) n-Butyl Actetate	8.315	43	632646	43.89	ppb		98
69) Dibromochloromethane	8.430	129	547167	40.94	ppb		99
70) 1,2-Dibromoethane	8.552	107	420381	38.83	ppb		99
71) Chlorobenzene	9.028	112	2391813	39.46	ppb		96
72) 1,1,1,2-tetrachloroethane	9.113	131	722656	40.38	ppb		97
73) n-Nonane	9.144	57	688537	50.73	ppb		96
74) Ethyl Benzene	9.101	91	4888144	41.09	ppb		100
75) p- & m-Xylenes	9.223	91	7127209	81.19	ppb		99
76) o-Xylene	9.662	91	3411616	40.78	ppb		99
77) Styrene	9.686	104	2641246	40.32	ppb		97
78) Bromoform	9.961	173	260510	42.37	ppb		98
80) Isopropylbenzene	10.040	105	4463351	43.32	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.467	83	458709	42.96	ppb		100
83) Bromobenzene	10.436	77	1345493	44.26	ppb		96
84) trans-1,4-Dichloro-2-b...	10.515	75	493147	46.33	ppb		97
85) 1,2,3-Trichloropropane	10.515	110	122377	42.50	ppb		97
86) n-Propylbenzene	10.497	91	5245115	43.77	ppb		99
87) n-Decane	10.601	57	944729	87.51	ppb		95
88) p-Ethyltoluene	10.619	105	4214267	44.60	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	3053672	42.20	ppb		99
90) 2-Chlorotoluene	10.625	91	3183179	43.90	ppb		98
91) 4-Chlorotoluene	10.747	91	2670933	43.10	ppb		100
92) tert-Butylbenzene	11.052	119	2741621	43.63	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	2981147	43.67	ppb		99
94) sec-Butylbenzene	11.290	105	3912223	43.73	ppb		99
95) Limonene	11.375	68	1021296	48.42	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	1425584	42.30	ppb		98
97) p-Isopropyltoluene	11.454	119	3154260	43.37	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	1407309	42.97	ppb		100
99) 1,2,3-Trimethylbenzene	11.601	105	2755905	43.51	ppb		99
100) p-Diethylbenzene	11.887	105	1604807	45.23	ppb		99
101) trans-Decahydronapthalene	11.887	138	453205	45.58	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	1131044	42.53	ppb		97

Quantitation Report (QT Reviewed)

Data File : V10C14737.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:12 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 Multiplr: 1.00
ALS Vial : 19
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:46:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration

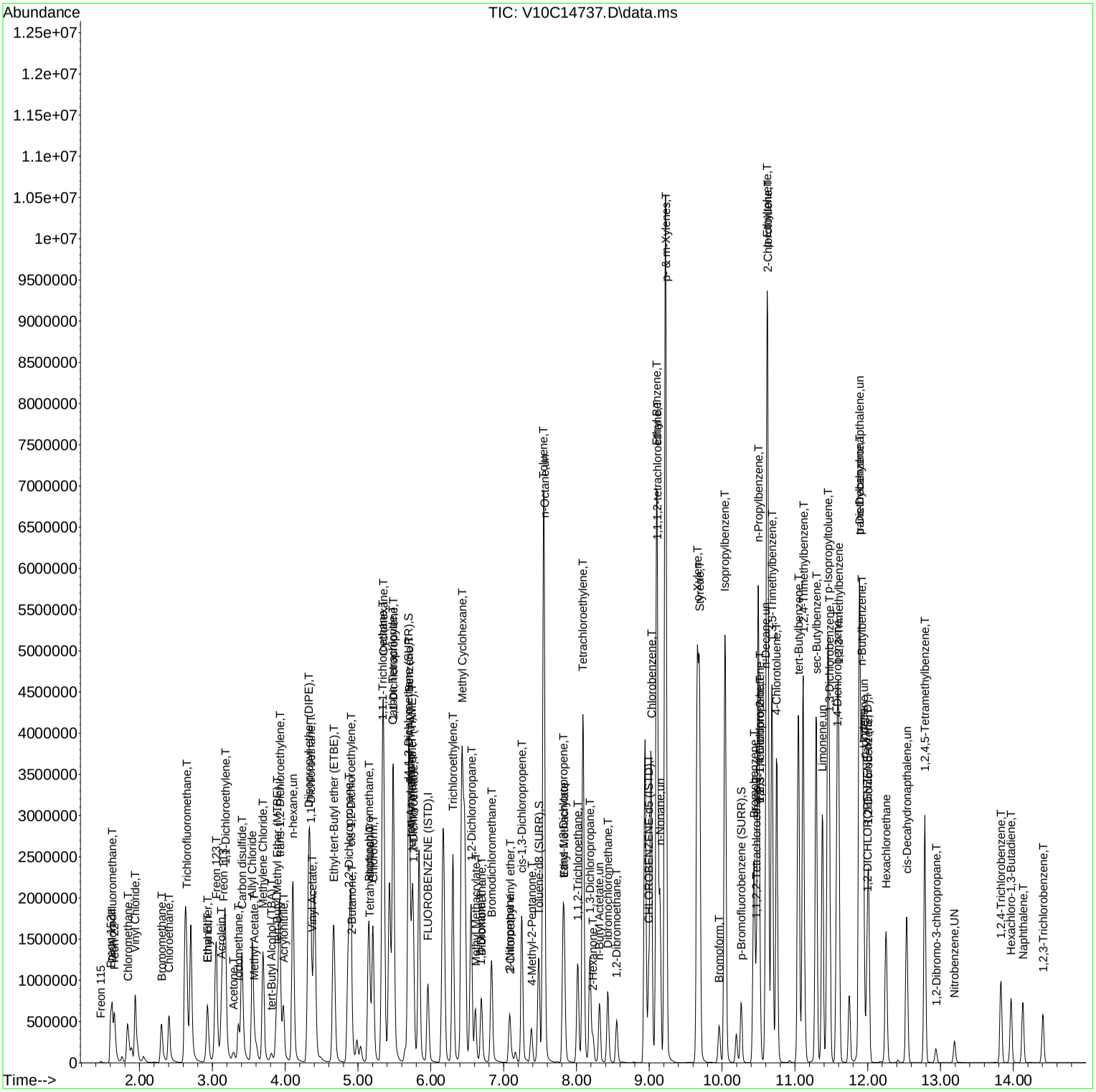
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	3042848	44.61	ppb		100
104) Hexachloroethane	12.253	119	422087	51.24	ppb		98
105) n-Undecane	11.942	71	502032	103.98	ppb		96
106) cis-Decahydronapthalene	12.533	138	343807	46.19	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.936	75	51400	45.73	ppb		96
108) 1,2,4,5-Tetramethylben...	12.783	119	1958177	45.28	ppb		100
109) Nitrobenzene	13.192	77	170108	558.75	ppb		98
110) 1,2,4-Trichlorobenzene	13.832	180	399513	45.99	ppb		99
111) Hexachloro-1,3-Butadiene	13.966	225	195208	44.32	ppb		97
112) Naphthalene	14.131	128	711036	47.00	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	225643	44.94	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14737.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:12 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 Multiplr: 1.00
ALS Vial : 19
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:46:53 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:43:20 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14738.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:41 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 Multiplr: 1.00
ALS Vial : 20
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:57:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:56:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	103580	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	140420	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	251722	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	187358	10.09	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.90%				
59) Toluene-d8 (SURR)	7.486	98	996226	10.41	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 104.10%				
81) p-Bromofluorobenzene (...	10.266	95	303501	9.84	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.40%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	16760	12.38	ppb		94
3) Freon 152a	1.605	51	1147805	62.03	ppb		98
4) Dichlorodifluoromethane	1.622	85	974638	44.26	ppb		99
5) Freon 22	1.652	51	1689627m	68.08	ppb		
6) Chloromethane	1.834	50	1678059	75.02	ppb		99
7) Vinyl Chloride	1.938	62	1947612	74.11	ppb		99
8) Bromomethane	2.298	94	1017286	128.35	ppb		99
9) Chloroethane	2.401	64	1307830	79.40	ppb		98
10) Trichlorofluoromethane	2.645	101	2315716	73.26	ppb		100
11) Ethyl Ether	2.932	59	957110	85.06	ppb		99
12) Ethanol	2.932	45	993444	3475.26	ppb		95
13) Freon 123	3.047	83	2448899	81.39	ppb		100
14) 1,1-Dichloroethylene	3.175	61	2418590	78.00	ppb		99
15) Freon 113	3.145	101	1561713	75.79	ppb		98
16) Acrolein	3.121	56	457939	368.91	ppb		94
17) Acetone	3.285	58	65826	72.07	ppb		93
18) Iodomethane	3.358	142	1373142	117.56	ppb		99
19) Carbon disulfide	3.407	76	4557802	74.86	ppb		100
20) Allyl Chloride	3.547	41	2169032	71.08	ppb		98
21) Methyl Acetate	3.572	43	482583	83.56	ppb		97
22) tert-Butyl Alcohol (TBA)	3.809	59	378064	633.79	ppb	#	84
23) Methylene Chloride	3.694	49	1857103	70.92	ppb		99
24) Acrylonitrile	3.974	53	1185933	440.55	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	2386038	81.05	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	2637544	81.36	ppb		98
27) n-hexane	4.108	57	3009818	79.40	ppb		99
28) 1,1-Dichloroethane	4.346	63	3389053	82.47	ppb		99
29) Vinyl Acetate	4.376	86	182416	90.23	ppb		97
30) Diisopropyl ether (DIPE)	4.322	45	5216097	83.83	ppb		98
31) Ethyl-tert-Butyl ether...	4.669	59	3888248	79.70	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	2757915	82.58	ppb		98
33) 2-Butanone	4.919	72	94417	101.06	ppb		88
34) 2,2-Dichloropropane	4.870	77	2517816	82.84	ppb		96
35) Tetrahydrofuran	5.163	71	405367	496.85	ppb		94
36) Bromochloromethane	5.145	49	1043431	74.34	ppb		97
37) Chloroform	5.206	83	2983546	82.71	ppb		99
38) 1,1,1-Trichloroethane	5.340	97	2718365	84.95	ppb		99
39) Cyclohexane	5.352	56	3724570	79.95	ppb		98
40) 1,1-Dichloropropylene	5.486	75	2746926	82.06	ppb		98
42) Carbon Tetrachloride	5.480	117	2304961	87.80	ppb		99
43) tert-Amyl alcohol (TAA)	5.718	59	309474	493.16	ppb		90

Data File : V10C14738.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:41 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 Multiplr: 1.00
ALS Vial : 20
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:57:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:56:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	1499323	81.46	ppb		98
45) Benzene	5.699	78	7752317	80.62	ppb	#	80
46) tert-Amyl methyl ether...	5.748	73	3591541	84.59	ppb		97
48) Trichloroethylene	6.303	95	2012199	85.70	ppb		99
49) Methyl Cyclohexane	6.431	83	3885627	87.36	ppb		97
50) Methyl Methacrylate	6.614	69	611567	94.44	ppb		99
51) Dibromomethane	6.693	93	646804	88.19	ppb		99
52) Bromodichloromethane	6.833	83	1973470	90.32	ppb		99
53) 1,2-Dichloropropane	6.553	63	1797179	84.57	ppb		99
54) 1,4-Dioxane	6.687	88	184266	2230.60	ppb		100
55) 2-Nitropropane	7.083	43	998616	507.89	ppb		97
56) 2-Chloroethyl vinyl ether	7.089	63	9367	22.07	ppb		88
57) cis-1,3-Dichloropropene	7.254	75	2457438	91.50	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	645076	90.28	ppb	#	97
60) Toluene	7.553	91	8324552	84.11	ppb		100
61) n-Octane	7.559	85	1158677	94.19	ppb		97
62) Ethyl Methacrylate	7.839	69	1338260	97.18	ppb		96
63) trans-1,3-Dichloropropene	7.815	75	1813989	94.65	ppb		99
64) 1,1,2-Trichloroethane	8.022	97	963612	87.27	ppb		99
65) 1,3-Dichloropropane	8.187	76	1744850	86.16	ppb		98
66) Tetrachloroethylene	8.095	166	3322966	93.87	ppb		99
67) 2-Hexanone	8.229	43	426068	90.79	ppb		95
68) n-Butyl Actetate	8.315	43	1172778	93.94	ppb		99
69) Dibromochloromethane	8.431	129	1146295	96.65	ppb		99
70) 1,2-Dibromoethane	8.552	107	850355	88.32	ppb		99
71) Chlorobenzene	9.028	112	4804155	86.35	ppb		96
72) 1,1,1,2-tetrachloroethane	9.119	131	1492993	92.95	ppb		97
73) n-Nonane	9.150	57	1637510	134.12	ppb		100
74) Ethyl Benzene	9.101	91	9426309	87.06	ppb		99
75) p- & m-Xylenes	9.223	91	13604799	171.47	ppb		100
76) o-Xylene	9.662	91	6666380	89.74	ppb		100
77) Styrene	9.692	104	5227973	90.64	ppb		99
78) Bromoform	9.961	173	565096	106.48	ppb		99
80) Isopropylbenzene	10.046	105	8915033	84.25	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.467	83	906070	81.65	ppb		100
83) Bromobenzene	10.436	77	2595934	80.97	ppb		98
84) trans-1,4-Dichloro-2-b...	10.515	75	975529	87.72	ppb		92
85) 1,2,3-Trichloropropane	10.515	110	249896	83.80	ppb		98
86) n-Propylbenzene	10.497	91	10237295	82.84	ppb		99
87) n-Decane	10.607	57	2237857	183.53	ppb		96
88) p-Ethyltoluene	10.625	105	8353136	84.91	ppb		99
89) 1,3,5-Trimethylbenzene	10.692	105	6168709	82.18	ppb		99
90) 2-Chlorotoluene	10.631	91	6199795	81.92	ppb		99
91) 4-Chlorotoluene	10.753	91	5211594	80.37	ppb		98
92) tert-Butylbenzene	11.052	119	5581660	86.53	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	5975687	84.91	ppb		100
94) sec-Butylbenzene	11.296	105	7855289	85.43	ppb		99
95) Limonene	11.381	68	1962977	93.58	ppb		98
96) 1,3-Dichlorobenzene	11.479	146	2983272	84.08	ppb		99
97) p-Isopropyltoluene	11.454	119	6420971	85.29	ppb		99
98) 1,4-Dichlorobenzene	11.582	146	2929761	84.60	ppb		98
99) 1,2,3-Trimethylbenzene	11.601	105	5524430	84.16	ppb		99
100) p-Diethylbenzene	11.893	105	3234245	88.21	ppb		96
101) trans-Decahydronapthalene	11.887	138	1031395	98.33	ppb		93
102) 1,2-Dichlorobenzene	12.009	146	2352455	83.39	ppb		97

Quantitation Report (QT Reviewed)

Data File : V10C14738.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:41 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 Multiplr: 1.00
ALS Vial : 20
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:57:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:56:43 2025
Response via : Initial Calibration

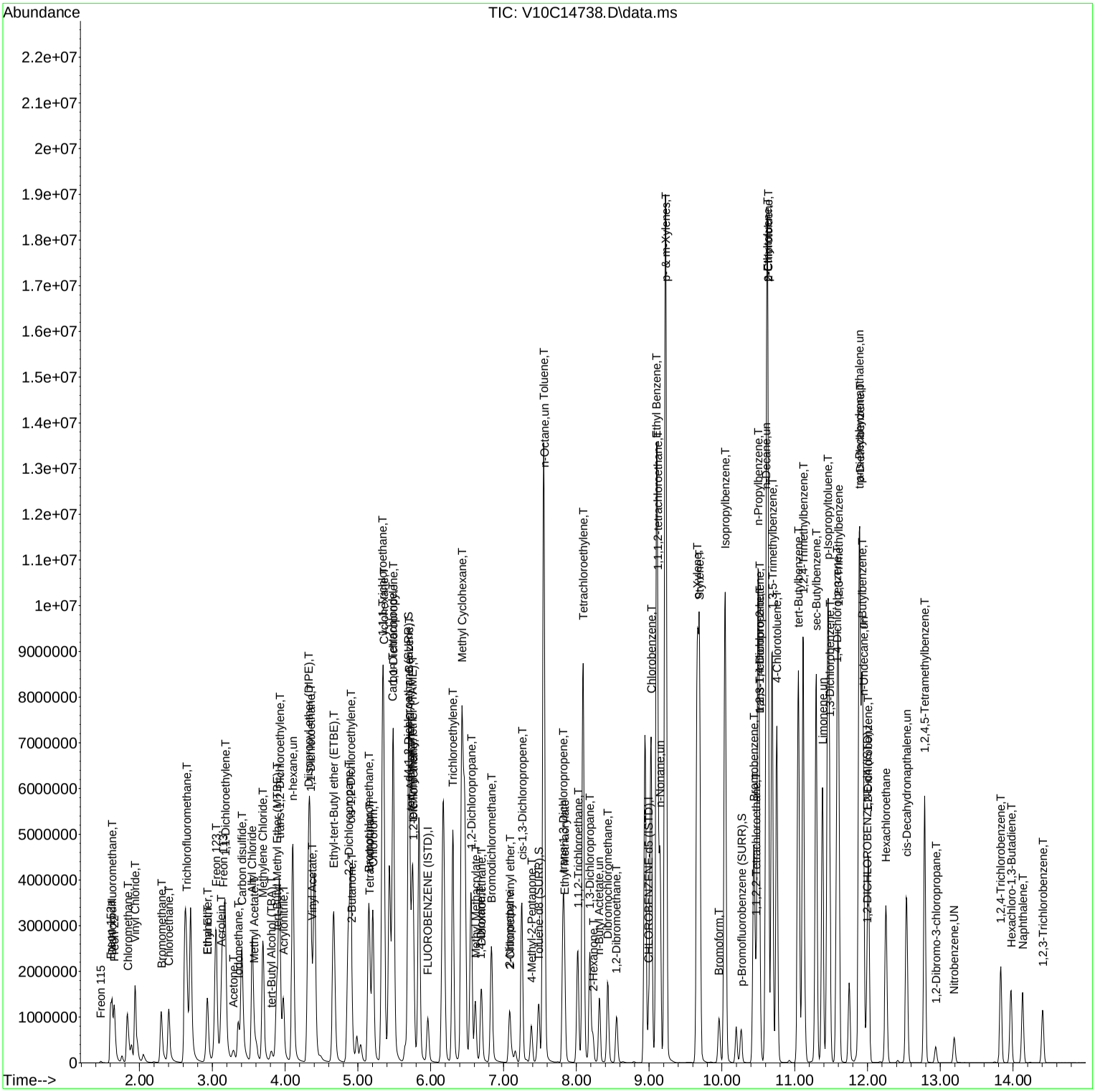
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.924	91	5989876	84.63	ppb		96
104) Hexachloroethane	12.253	119	913403	116.37	ppb		97
105) n-Undecane	11.942	71	1122475	199.09	ppb		85
106) cis-Decahydronapthalene	12.539	138	761851	100.03	ppb	#	92
107) 1,2-Dibromo-3-chloropr...	12.936	75	101618	92.21	ppb		94
108) 1,2,4,5-Tetramethylben...	12.783	119	3981365	92.66	ppb		99
109) Nitrobenzene	13.192	77	366353	1325.82	ppb		94
110) 1,2,4-Trichlorobenzene	13.832	180	861795	95.76	ppb		98
111) Hexachloro-1,3-Butadiene	13.972	225	428314	89.74	ppb		98
112) Naphthalene	14.131	128	1487761	98.41	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	485396	93.40	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14738.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 8:41 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 Multiplr: 1.00
ALS Vial : 20
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 20:57:05 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 20:56:43 2025
Response via : Initial Calibration



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 **Laboratory ID:** S5H2801-SCV1

Sequence: S5H2801 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.1	0.9	30.00
1,1,1-Trichloroethane	10.0	9.85	-1.5	30.00
1,1,2,2-Tetrachloroethane	10.0	9.53	-4.7	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.81	-1.9	30.00
1,1,2-Trichloroethane	10.0	9.99	-0.1	30.00
1,1-Dichloroethane	10.0	9.61	-3.9	30.00
1,1-Dichloroethylene	10.0	9.88	-1.2	30.00
1,2,3-Trichlorobenzene	10.0	11.3	13.4	30.00
1,2,3-Trichloropropane	10.0	9.80	-2.0	30.00
1,2,4-Trichlorobenzene	10.0	10.9	9.4	30.00
1,2,4-Trimethylbenzene	10.0	10.3	2.9	30.00
1,2-Dibromo-3-chloropropane	10.0	10.1	1.1	30.00
1,2-Dibromoethane	10.0	10.2	1.6	30.00
1,2-Dichlorobenzene	10.0	9.90	-1.0	30.00
1,2-Dichloroethane	10.0	9.25	-7.5	30.00
1,2-Dichloropropane	10.0	9.98	-0.2	30.00
1,3,5-Trimethylbenzene	10.0	10.3	3.1	30.00
1,3-Dichlorobenzene	10.0	9.81	-1.9	30.00
1,4-Dichlorobenzene	10.0	9.94	-0.6	30.00
2-Butanone	10.0	10.4	3.7	30.00
2-Hexanone	10.0	10.7	6.8	30.00
4-Methyl-2-pentanone	10.0	10.1	1.3	30.00
Acetone	10.0	11.1	11.1	30.00
Acrolein	10.0	12.5	25.0	30.00
Acrylonitrile	10.0	10.6	6.2	30.00
Benzene	10.0	10.0	0.4	30.00
Bromochloromethane	10.0	9.79	-2.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 **Laboratory ID:** S5H2801-SCV1

Sequence: S5H2801 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	9.74	-2.6	30.00
Bromoform	10.0	10.6	5.6	30.00
Bromomethane	10.0	9.75	-2.5	30.00
Carbon disulfide	10.0	9.57	-4.3	30.00
Carbon tetrachloride	10.0	9.93	-0.7	30.00
Chlorobenzene	10.0	10.1	0.9	30.00
Chloroethane	10.0	9.46	-5.4	30.00
Chloroform	10.0	9.64	-3.6	30.00
Chloromethane	10.0	8.43	-15.7	30.00
cis-1,2-Dichloroethylene	10.0	9.96	-0.4	30.00
cis-1,3-Dichloropropylene	10.0	10.4	3.6	30.00
Cyclohexane	10.0	9.98	-0.2	30.00
Dibromochloromethane	10.0	10.2	2.4	30.00
Dibromomethane	10.0	9.67	-3.3	30.00
Dichlorodifluoromethane	10.0	6.46	-35.4 *	30.00
Ethyl Benzene	10.0	10.2	2.3	30.00
Hexachlorobutadiene	10.0	10.7	7.1	30.00
Isopropylbenzene	10.0	9.97	-0.3	30.00
Methyl acetate	10.0	15.6	56.3 *	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.59	-4.1	30.00
Methylcyclohexane	10.0	9.89	-1.1	30.00
Methylene chloride	10.0	8.72	-12.8	30.00
n-Butylbenzene	10.0	10.1	0.7	30.00
n-Propylbenzene	10.0	9.80	-2.0	30.00
o-Xylene	10.0	10.6	5.6	30.00
p- & m- Xylenes	20.0	20.6	3.0	30.00
p-Isopropyltoluene	10.0	10.0	0.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25H1840

Client: Hydro Tech Environmental **Project:** 23005 - 170 Freeman St Brooklyn

Calibration: SH50062 **Laboratory ID:** S5H2801-SCV1

Sequence: S5H2801 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	9.96	-0.4	30.00
Styrene	10.0	10.2	1.8	30.00
tert-Butyl alcohol (TBA)	50.0	43.0	-13.9	30.00
tert-Butylbenzene	10.0	10.0	0.0	30.00
Tetrachloroethylene	10.0	6.89	-31.1 *	30.00
Toluene	10.0	10.2	1.6	30.00
trans-1,2-Dichloroethylene	10.0	9.92	-0.8	30.00
trans-1,3-Dichloropropylene	10.0	10.2	1.5	30.00
trans-1,4-dichloro-2-butene	10.0	9.48	-5.2	30.00
Trichloroethylene	10.0	9.79	-2.1	30.00
Trichlorofluoromethane	10.0	9.42	-5.8	30.00
Vinyl Chloride	10.0	8.90	-11.0	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14740.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 9:38 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 23
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 22:46:16 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	105894	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	144447	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	251242	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	181053	9.53	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 95.30%				
59) Toluene-d8 (SURR)	7.479	98	1017120	10.29	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 102.90%				
81) p-Bromofluorobenzene (...	10.259	95	311428	10.13	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 101.30%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	11265	7.15	ppb		99
3) Freon 152a	1.604	51	179150	9.74	ppb		92
4) Dichlorodifluoromethane	1.628	85	155172	6.46	ppb		100
5) Freon 22	1.657	51	414639	16.61	ppb		99
6) Chloromethane	1.834	50	191347	8.43	ppb		100
7) Vinyl Chloride	1.938	62	236866	8.90	ppb		100
8) Bromomethane	2.297	94	89206	9.75	ppb		98
9) Chloroethane	2.401	64	159069	9.46	ppb		99
10) Trichlorofluoromethane	2.645	101	301014	9.42	ppb		99
11) Ethyl Ether	2.932	59	202171	17.44	ppb		95
13) Freon 123	3.053	83	313580	10.17	ppb		99
14) 1,1-Dichloroethylene	3.175	61	312200	9.88	ppb		98
15) Freon 113	3.145	101	205350	9.81	ppb		99
16) Acrolein	3.127	56	16100	12.50	ppb		98
17) Acetone	3.279	58	10250	11.11	ppb		91
18) Iodomethane	3.358	142	89795	5.30	ppb		98
19) Carbon disulfide	3.401	76	590986	9.57	ppb		100
20) Allyl Chloride	3.547	41	322349	10.48	ppb		95
21) Methyl Acetate	3.578	43	92774	15.63	ppb		97
22) tert-Butyl Alcohol (TBA)	3.815	59	30395	43.05	ppb		97
23) Methylene Chloride	3.694	49	230089	8.72	ppb		97
24) Acrylonitrile	3.980	53	29514	10.62	ppb		96
25) trans-1,2-Dichloroethy...	3.925	61	299038	9.92	ppb		97
26) tert-Butyl Methyl Ethe...	3.889	73	318425	9.59	ppb		98
27) n-hexane	4.108	57	255053	6.59	ppb		98
28) 1,1-Dichloroethane	4.346	63	405284	9.61	ppb		99
29) Vinyl Acetate	4.376	86	17478	8.32	ppb		91
30) Diisopropyl ether (DIPE)	4.321	45	644593	10.07	ppb		97
31) Ethyl-tert-Butyl ether...	4.669	59	497360	9.98	ppb		97
32) cis-1,2-Dichloroethylene	4.901	61	341469	9.96	ppb		95
33) 2-Butanone	4.925	72	11586	10.37	ppb		99
34) 2,2-Dichloropropane	4.870	77	288745	9.25	ppb		97
35) Tetrahydrofuran	5.163	71	9487	10.21	ppb		94
36) Bromochloromethane	5.144	49	139286	9.79	ppb		88
37) Chloroform	5.205	83	356881	9.64	ppb		99
38) 1,1,1-Trichloroethane	5.340	97	324803	9.85	ppb		99
39) Cyclohexane	5.346	56	475236	9.98	ppb		98
40) 1,1-Dichloropropylene	5.486	75	312191	9.09	ppb		96
42) Carbon Tetrachloride	5.480	117	269653	9.93	ppb		100
43) tert-Amyl alcohol (TAA)	5.724	59	61829	88.69	ppb	#	33
44) 1,2-Dichloroethane	5.760	62	174355	9.25	ppb		99

Data File : V10C14740.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 9:38 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 23
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 22:46:16 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Benzene	5.699	78	987993	10.04	ppb		99
46)	tert-Amyl methyl ether...	5.748	73	450485	10.30	ppb		99
48)	Trichloroethylene	6.303	95	238509	9.79	ppb		98
49)	Methyl Cyclohexane	6.431	83	457810	9.89	ppb		81
50)	Methyl Methacrylate	6.614	69	71230	10.46	ppb		96
51)	Dibromomethane	6.693	93	73923	9.67	ppb		97
52)	Bromodichloromethane	6.833	83	222378	9.74	ppb		99
53)	1,2-Dichloropropane	6.553	63	219659	9.98	ppb		99
54)	1,4-Dioxane	6.693	88	17545	203.86	ppb		96
55)	2-Nitropropane	7.089	43	22982	11.06	ppb		87
56)	2-Chloroethyl vinyl ether	7.095	63	2956	6.05	ppb		92
57)	cis-1,3-Dichloropropene	7.248	75	291243	10.36	ppb		97
58)	4-Methyl-2-Pentanone	7.382	43	75618	10.13	ppb	#	98
60)	Toluene	7.546	91	1040643	10.16	ppb		100
61)	n-Octane	7.559	85	109230	8.44	ppb		94
62)	Ethyl Methacrylate	7.833	69	141363	9.72	ppb		93
63)	trans-1,3-Dichloropropene	7.815	75	204652	10.15	ppb		99
64)	1,1,2-Trichloroethane	8.016	97	114744	9.99	ppb		97
65)	1,3-Dichloropropane	8.187	76	205878	9.79	ppb		97
66)	Tetrachloroethylene	8.089	166	256376	6.89	ppb		98
67)	2-Hexanone	8.229	43	52444	10.68	ppb		97
68)	n-Butyl Actetate	8.321	43	6445	0.49	ppb	#	93
69)	Dibromochloromethane	8.430	129	128146	10.24	ppb		98
70)	1,2-Dibromoethane	8.552	107	101896	10.16	ppb		99
71)	Chlorobenzene	9.022	112	582988	10.09	ppb		98
72)	1,1,1,2-tetrachloroethane	9.113	131	170120	10.09	ppb		98
73)	n-Nonane	9.144	57	110196	8.78	ppb		96
74)	Ethyl Benzene	9.101	91	1151504	10.23	ppb		99
75)	p- & m-Xylenes	9.223	91	1697716	20.61	ppb		99
76)	o-Xylene	9.662	91	819272	10.56	ppb		99
77)	Styrene	9.686	104	614100	10.18	ppb		97
78)	Bromoform	9.961	173	60034	10.56	ppb		99
80)	Isopropylbenzene	10.040	105	1060324	9.97	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.467	83	105768	9.53	ppb		100
83)	Bromobenzene	10.436	77	300742	9.38	ppb		95
84)	trans-1,4-Dichloro-2-b...	10.515	75	106499	9.48	ppb		97
85)	1,2,3-Trichloropropane	10.515	110	29345	9.80	ppb		97
86)	n-Propylbenzene	10.497	91	1214191	9.80	ppb		99
87)	n-Decane	10.601	57	89630	6.61	ppb		96
88)	p-Ethyltoluene	10.619	105	987874	9.98	ppb		100
89)	1,3,5-Trimethylbenzene	10.686	105	775330	10.31	ppb		99
90)	2-Chlorotoluene	10.625	91	735093	9.70	ppb		97
91)	4-Chlorotoluene	10.747	91	645209	9.96	ppb		98
92)	tert-Butylbenzene	11.046	119	650602	10.00	ppb		98
93)	1,2,4-Trimethylbenzene	11.113	105	728700	10.29	ppb		99
94)	sec-Butylbenzene	11.290	105	921477	9.96	ppb		99
95)	Limonene	11.375	68	181257	8.48	ppb		97
96)	1,3-Dichlorobenzene	11.473	146	349688	9.81	ppb		98
97)	p-Isopropyltoluene	11.448	119	759698	10.03	ppb		99
98)	1,4-Dichlorobenzene	11.576	146	346114	9.94	ppb		98
99)	1,2,3-Trimethylbenzene	11.601	105	677146	10.27	ppb		99
100)	p-Diethylbenzene	11.887	105	378216	10.20	ppb		99
101)	trans-Decahydronapthalene	11.887	138	103227	9.86	ppb		93
102)	1,2-Dichlorobenzene	12.009	146	280333	9.90	ppb		99
103)	n-Butylbenzene	11.918	91	716792	10.07	ppb		98

Quantitation Report (QT Reviewed)

Data File : V10C14740.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 9:38 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 23
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 22:46:16 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

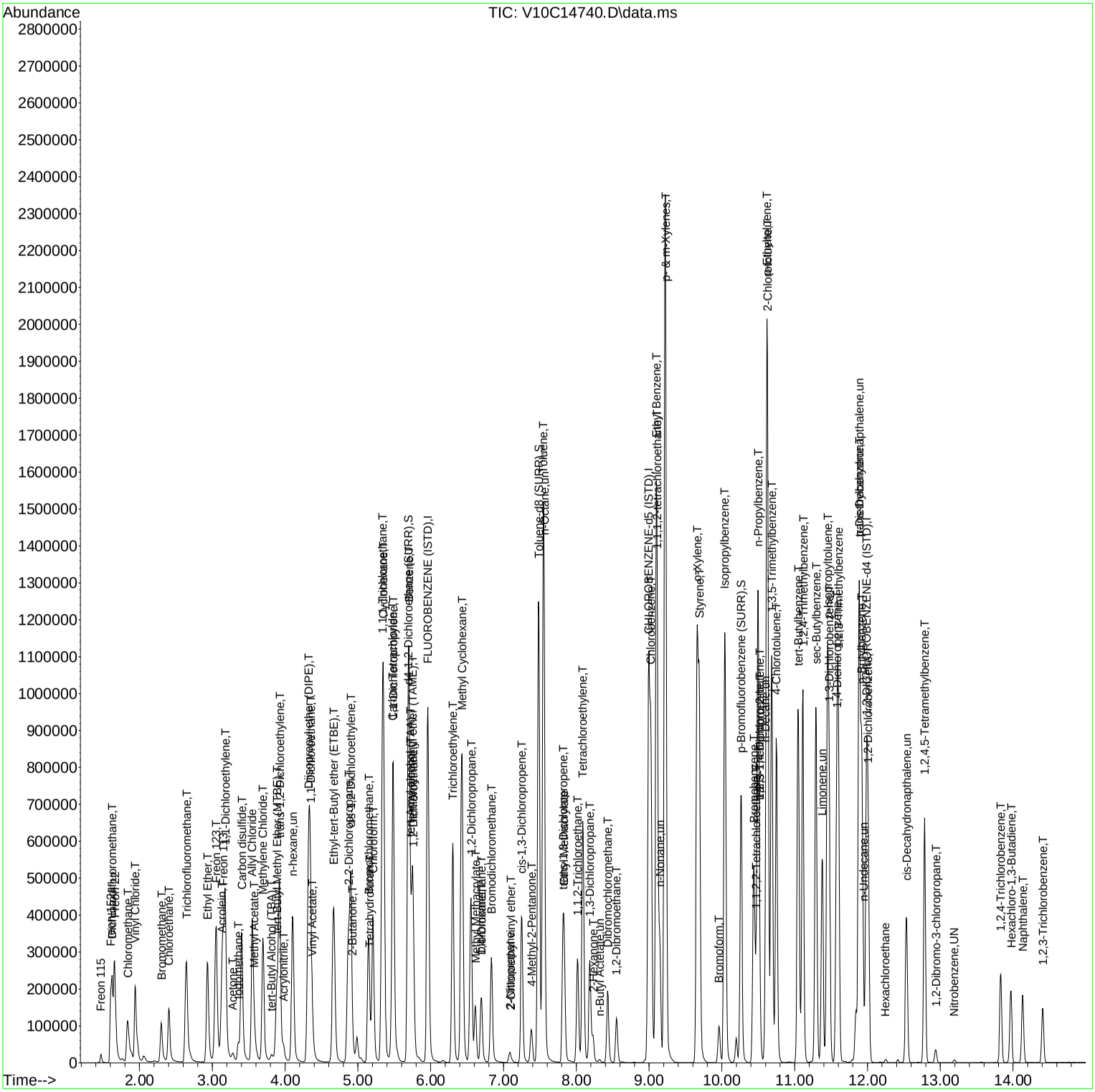
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
104) Hexachloroethane	12.247	119	2454	0.25	ppb		89
105) n-Undecane	11.942	71	33432	7.98	ppb		92
106) cis-Decahydronapthalene	12.539	138	80920	10.32	ppb	#	94
107) 1,2-Dibromo-3-chloropr...	12.936	75	11333	10.11	ppb		88
108) 1,2,4,5-Tetramethylben...	12.783	119	459968	10.52	ppb		99
109) Nitrobenzene	13.192	77	5476	14.64	ppb		98
110) 1,2,4-Trichlorobenzene	13.832	180	100668	10.94	ppb		99
111) Hexachloro-1,3-Butadiene	13.972	225	51800	10.71	ppb		98
112) Naphthalene	14.131	128	181885	11.72	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	60064	11.34	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14740.D
Data Path : C:\msdchem\1\data\V10-08-27-2025\
Acq On : 27 Aug 2025 9:38 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 23
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Aug 27 22:46:16 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.7	1.166981	1.25125		7.2	20	
1,1,1-Trichloroethane	A	10.0	10.3	3.113191	3.214983	0.1	3.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.00	0.4419617	0.3976919	0.3	-10.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.93	1.97682	1.962977	0.1	-0.7	20	
1,1,2-Trichloroethane	A	10.0	10.6	0.7952306	0.8413444	0.1	5.8	20	
1,1-Dichloroethane	A	10.0	10.4	3.982758	4.140628	0.2	4.0	20	
1,1-Dichloroethylene	A	10.0	10.8	2.983776	3.213619	0.1	7.7	20	
1,2,3-Trichlorobenzene	A	10.0	11.3	0.2107829	0.2377222		12.8	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.1191643	0.1211502		1.7	20	
1,2,4-Trichlorobenzene	A	10.0	10.2	0.366322	0.3736764	0.2	2.0	20	
1,2,4-Trimethylbenzene	A	10.0	9.69	2.817368	2.730241		-3.1	20	
1,2-Dibromo-3-chloropropane	A	10.0	12.2	4.461432E-02	5.453919E-02	0.05	22.2	20	*
1,2-Dibromoethane	A	10.0	11.1	0.6945634	0.7680718	0.1	10.6	20	
1,2-Dichlorobenzene	A	10.0	9.83	1.126683	1.10732	0.4	-1.7	20	
1,2-Dichloroethane	A	10.0	10.1	1.780963	1.804542	0.1	1.3	20	
1,2-Dichloropropane	A	10.0	10.5	1.524161	1.596696	0.1	4.8	20	
1,3,5-Trimethylbenzene	A	10.0	9.65	2.992152	2.886098		-3.5	20	
1,3-Dichlorobenzene	A	10.0	9.63	1.418601	1.365527	0.6	-3.7	20	
1,4-Dichlorobenzene	A	10.0	9.70	1.385616	1.344471	0.5	-3.0	20	
2-Butanone	A	10.0	10.7	9.316292E-02	0.1125457	0.1	6.7	20	
2-Hexanone	A	10.0	10.6	0.3398412	0.3607868	0.1	6.2	20	
4-Methyl-2-pentanone	A	10.0	10.7	0.5170132	0.5517459	0.1	6.7	20	
Acetone	A	10.0	13.4	8.708547E-02	0.1162919	0.1	33.5	20	*
Acrolein	A	40.0	24.2	0.1216734	7.375912E-02		-39.4	20	*
Acrylonitrile	A	50.0	59.3	0.262527	0.3115629		18.7	20	
Benzene	A	10.0	10.4	9.292353	9.623322	0.5	3.6	20	
Bromochloromethane	A	10.0	10.3	1.343092	1.381751		2.9	20	
Bromodichloromethane	A	10.0	10.6	1.581069	1.680705	0.2	6.3	20	
Bromoform	A	10.0	11.7	0.3935867	0.4602574	0.1	16.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	7.41	0.8230212	0.6315057	0.1	-25.9	20	*
Carbon disulfide	A	10.0	10.8	5.830987	6.295149	0.1	8.0	20	
Carbon tetrachloride	A	10.0	10.1	2.565297	2.586327	0.1	0.8	20	
Chlorobenzene	A	10.0	10.5	4.001925	4.199343	0.5	4.9	20	
Chloroethane	A	10.0	11.3	1.588684	1.79562	0.1	13.0	20	
Chloroform	A	10.0	10.5	3.497171	3.664493	0.2	4.8	20	
Chloromethane	A	10.0	9.82	2.142794	2.104838	0.1	-1.8	20	
cis-1,2-Dichloroethylene	A	10.0	9.85	3.237227	3.187779	0.1	-1.5	20	
cis-1,3-Dichloropropylene	A	10.0	10.0	1.947029	1.955914	0.2	0.5	20	
Cyclohexane	A	10.0	10.1	4.497274	4.558571	0.1	1.4	20	
Dibromochloromethane	A	10.0	11.0	0.8665808	0.9544333	0.1	10.1	20	
Dibromomethane	A	10.0	10.5	0.5289642	0.5565579		5.2	20	
Dichlorodifluoromethane	A	10.0	8.50	2.269707	1.929083	0.1	-15.0	20	
Ethyl Benzene	A	10.0	10.3	7.795605	8.032592	0.1	3.0	20	
Hexachlorobutadiene	A	10.0	7.36	0.1924908	0.1416972		-26.4	20	*
Isopropylbenzene	A	10.0	9.84	4.231803	4.163167	0.1	-1.6	20	
Methyl acetate	A	10.0	12.0	0.557536	0.6754888	0.1	21.2	20	*
Methyl tert-butyl ether (MTBE)	A	10.0	12.2	3.136487	3.814239	0.1	21.6	20	*
Methylcyclohexane	A	10.0	9.59	3.203845	3.072663	0.1	-4.1	20	
Methylene chloride	A	10.0	10.3	2.492036	2.559113	0.1	2.7	20	
n-Butylbenzene	A	10.0	8.71	2.832003	2.46668		-12.9	20	
n-Propylbenzene	A	10.0	9.55	4.931336	4.710892		-4.5	20	
o-Xylene	A	10.0	10.8	5.370455	5.802935	0.3	8.1	20	
p- & m- Xylenes	A	20.0	20.8	5.703761	5.921905	0.1	3.8	20	
p-Isopropyltoluene	A	10.0	9.39	3.015364	2.830453		-6.1	20	
sec-Butylbenzene	A	10.0	9.47	3.683829	3.489256		-5.3	20	
Styrene	A	10.0	10.9	4.175838	4.557007	0.3	9.1	20	
tert-Butyl alcohol (TBA)	A	50.0	55.9	6.132946E-02	7.549631E-02		11.7	20	
tert-Butylbenzene	A	10.0	9.86	2.588806	2.552669		-1.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25H1840
Client:	Hydro Tech Environmental	Project:	23005 - 170 Freeman St Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SH50062
Lab File ID:	V10C14878.D	Calibration Date:	08/28/25 14:13
Sequence:	S5I0205	Injection Date:	08/30/25
Lab Sample ID:	S5I0205-CCV1	Injection Time:	22:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	12.8	2.57558	3.298331	0.2	28.1	20	*
Toluene	A	10.0	10.3	7.093532	7.319087	0.4	3.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.9	2.846022	3.102148	0.1	9.0	20	
trans-1,3-Dichloropropylene	A	10.0	10.2	1.396051	1.430688	0.1	2.5	20	
trans-1,4-dichloro-2-butene	A	10.0	9.37	0.4471243	0.4187662		-6.3	20	
Trichloroethylene	A	10.0	10.8	1.686929	1.822941	0.2	8.1	20	
Trichlorofluoromethane	A	10.0	10.3	3.019182	3.106604	0.1	2.9	20	
Vinyl Chloride	A	10.0	10.4	2.512854	2.611046	0.1	3.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C14878.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:00 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 60
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	107041	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	149210	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	273033	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	189629	9.87	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.70%				
59) Toluene-d8 (SURR)	7.480	98	1038676	10.17	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 101.70%				
81) p-Bromofluorobenzene (...	10.266	95	329271	9.86	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.60%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	18830	11.83	ppb		97
3) Freon 152a	1.605	51	200879	10.81	ppb		94
4) Dichlorodifluoromethane	1.628	85	206491	8.50	ppb		100
5) Freon 22	1.658	51	276916	10.97	ppb		100
6) Chloromethane	1.840	50	225304	9.82	ppb		98
7) Vinyl Chloride	1.938	62	279489	10.39	ppb		96
8) Bromomethane	2.298	94	67597	7.41	ppb		98
9) Chloroethane	2.401	64	192205	11.30	ppb		95
10) Trichlorofluoromethane	2.645	101	332534	10.29	ppb		99
11) Ethyl Ether	2.932	59	133053	11.35	ppb		99
12) Ethanol	2.932	45	137603	460.84	ppb		98
13) Freon 123	3.048	83	344390	11.05	ppb		99
14) 1,1-Dichloroethylene	3.176	61	343989	10.77	ppb		98
15) Freon 113	3.145	101	210119	9.93	ppb		99
16) Acrolein	3.133	56	31581	24.25	ppb		95
17) Acetone	3.285	58	12448	13.35	ppb		80
18) Iodomethane	3.358	142	229902	13.35	ppb		96
19) Carbon disulfide	3.401	76	673839	10.80	ppb		100
20) Allyl Chloride	3.547	41	335761	10.80	ppb		98
21) Methyl Acetate	3.578	43	72305	12.05	ppb		97
22) tert-Butyl Alcohol (TBA)	3.816	59	40406	55.87	ppb		98
23) Methylene Chloride	3.694	49	273930	10.27	ppb		99
24) Acrylonitrile	3.974	53	166750	59.34	ppb		100
25) trans-1,2-Dichloroethy...	3.925	61	332057	10.90	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	408280	12.16	ppb		99
27) n-hexane	4.102	57	309300	7.90	ppb		99
28) 1,1-Dichloroethane	4.346	63	443217	10.40	ppb		99
29) Vinyl Acetate	4.377	86	11501	5.42	ppb	#	1
30) Diisopropyl ether (DIPE)	4.322	45	695924	10.76	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	563579	11.18	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	341223	9.85	ppb		94
33) 2-Butanone	4.925	72	12047	10.67	ppb		95
34) 2,2-Dichloropropane	4.870	77	222983	7.07	ppb		95
35) Tetrahydrofuran	5.163	71	51265	53.88	ppb		91
36) Bromochloromethane	5.145	49	147904	10.29	ppb		86
37) Chloroform	5.206	83	392251	10.48	ppb		99
38) 1,1,1-Trichloroethane	5.334	97	344135	10.33	ppb		98
39) Cyclohexane	5.346	56	487954	10.14	ppb		96
40) 1,1-Dichloropropylene	5.486	75	347171	10.00	ppb		95
42) Carbon Tetrachloride	5.480	117	276843	10.08	ppb		100
43) tert-Amyl alcohol (TAA)	5.724	59	43310	62.17	ppb		68

Data File : V10C14878.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:00 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 60
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	193160	10.13	ppb		99
45) Benzene	5.699	78	1030090	10.36	ppb		99
46) tert-Amyl methyl ether...	5.748	73	493701	11.17	ppb		97
48) Trichloroethylene	6.303	95	272001	10.81	ppb		97
49) Methyl Cyclohexane	6.431	83	458472	9.59	ppb		96
50) Methyl Methacrylate	6.614	69	76990	10.94	ppb		95
51) Dibromomethane	6.693	93	83044	10.52	ppb		95
52) Bromodichloromethane	6.833	83	250778	10.63	ppb		99
53) 1,2-Dichloropropane	6.553	63	238243	10.48	ppb		100
54) 1,4-Dioxane	6.687	88	24561	276.26	ppb		97
55) 2-Nitropropane	7.083	43	107757	50.22	ppb		99
56) 2-Chloroethyl vinyl ether	7.089	63	3888	7.71	ppb		85
57) cis-1,3-Dichloropropene	7.248	75	291842	10.05	ppb		97
58) 4-Methyl-2-Pentanone	7.382	43	82326	10.67	ppb	#	98
60) Toluene	7.547	91	1092081	10.32	ppb		100
61) n-Octane	7.553	85	73590	5.51	ppb		92
62) Ethyl Methacrylate	7.833	69	170181	11.33	ppb		92
63) trans-1,3-Dichloropropene	7.815	75	213473	10.25	ppb		97
64) 1,1,2-Trichloroethane	8.016	97	125537	10.58	ppb		97
65) 1,3-Dichloropropane	8.187	76	232392	10.70	ppb		96
66) Tetrachloroethylene	8.089	166	492144	12.81	ppb		98
67) 2-Hexanone	8.229	43	53833	10.62	ppb		96
68) n-Butyl Actetate	8.315	43	146605	10.82	ppb		99
69) Dibromochloromethane	8.431	129	142411	11.01	ppb		98
70) 1,2-Dibromoethane	8.553	107	114604	11.06	ppb		100
71) Chlorobenzene	9.022	112	626584	10.49	ppb		97
72) 1,1,1,2-tetrachloroethane	9.113	131	186699	10.72	ppb		99
73) n-Nonane	9.144	57	63459	4.89	ppb		94
74) Ethyl Benzene	9.101	91	1198543	10.30	ppb		99
75) p- & m-Xylenes	9.223	91	1767215	20.76	ppb		99
76) o-Xylene	9.662	91	865856	10.81	ppb		99
77) Styrene	9.687	104	679951	10.91	ppb		96
78) Bromoform	9.961	173	68675	11.69	ppb		99
80) Isopropylbenzene	10.040	105	1136682	9.84	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.467	83	108583	9.00	ppb		98
83) Bromobenzene	10.436	77	333800	9.58	ppb		94
84) trans-1,4-Dichloro-2-b...	10.516	75	114337	9.37	ppb		95
85) 1,2,3-Trichloropropane	10.510	110	33078	10.17	ppb		98
86) n-Propylbenzene	10.497	91	1286229	9.55	ppb		99
87) n-Decane	10.607	57	50703	4.42	ppb		89
88) p-Ethyltoluene	10.619	105	1008807	9.38	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	788000	9.65	ppb		99
90) 2-Chlorotoluene	10.625	91	781349	9.49	ppb		97
91) 4-Chlorotoluene	10.747	91	672418	9.55	ppb		98
92) tert-Butylbenzene	11.046	119	696963	9.86	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	745446	9.69	ppb		99
94) sec-Butylbenzene	11.296	105	952682	9.47	ppb		99
95) Limonene	11.375	68	185911	8.00	ppb		96
96) 1,3-Dichlorobenzene	11.473	146	372834	9.63	ppb		98
97) p-Isopropyltoluene	11.448	119	772807	9.39	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	367085	9.70	ppb		98
99) 1,2,3-Trimethylbenzene	11.601	105	693028	9.67	ppb		99
100) p-Diethylbenzene	11.887	105	361895	8.98	ppb		98
101) trans-Decahydronapthalene	11.881	138	82152	7.22	ppb		93
102) 1,2-Dichlorobenzene	12.009	146	302335	9.83	ppb		100

Quantitation Report (QT Reviewed)

Data File : V10C14878.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:00 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 60
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

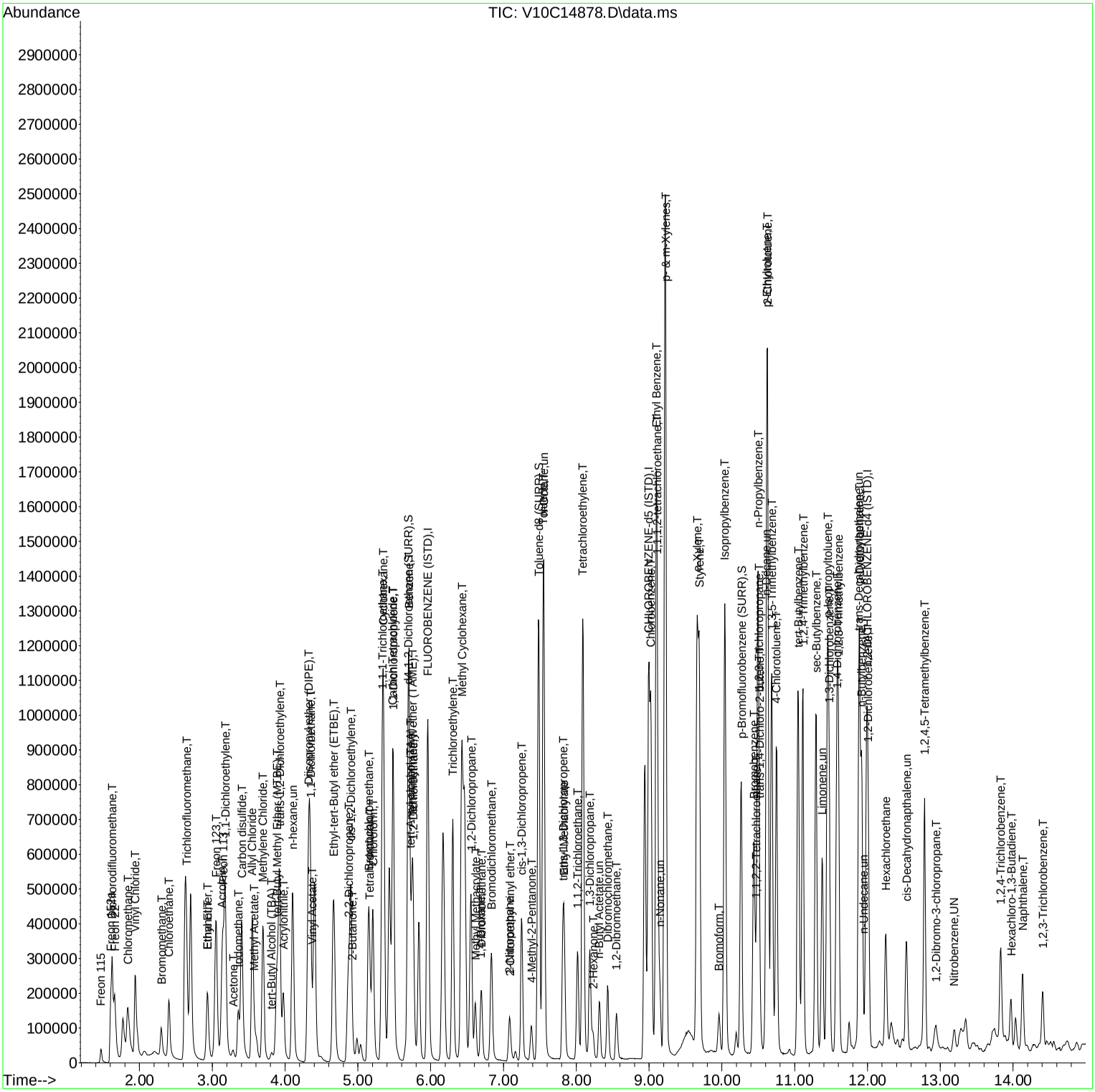
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	673485	8.71	ppb		98
104) Hexachloroethane	12.253	119	82993	7.66	ppb		98
105) n-Undecane	11.942	71	15042	4.37	ppb		94
106) cis-Decahydronapthalene	12.540	138	67335	7.90	ppb	#	92
107) 1,2-Dibromo-3-chloropr...	12.936	75	14891	12.22	ppb		80
108) 1,2,4,5-Tetramethylben...	12.783	119	483518	10.17	ppb		98
109) Nitrobenzene	13.192	77	36591	88.13	ppb		97
110) 1,2,4-Trichlorobenzene	13.832	180	102026	10.20	ppb		98
111) Hexachloro-1,3-Butadiene	13.972	225	38688	7.36	ppb		99
112) Naphthalene	14.131	128	210739	12.49	ppb		98
113) 1,2,3-Trichlorobenzene	14.405	180	64906	11.28	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14878.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:00 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 60
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

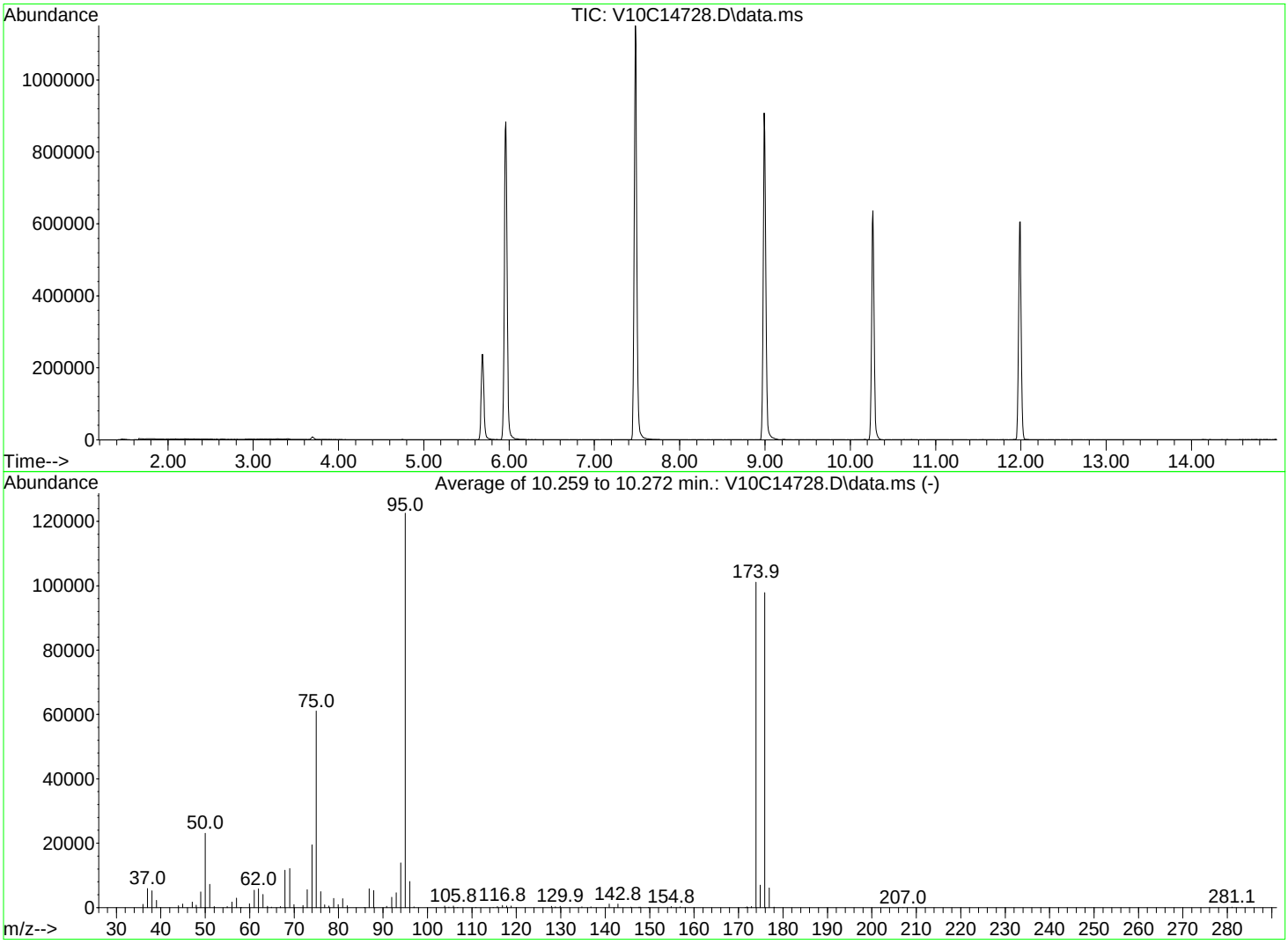
Quant Time: Sep 02 08:21:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V10-08-27-2025\
Data File : V10C14728.D
Acq On : 27 Aug 2025 3:56 pm
Operator : PMB
Sample : SEQ-TUN1
Misc : 8260
ALS Vial : 10 Sample Multiplier: 1
InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Aug 27 22:45:15 2025



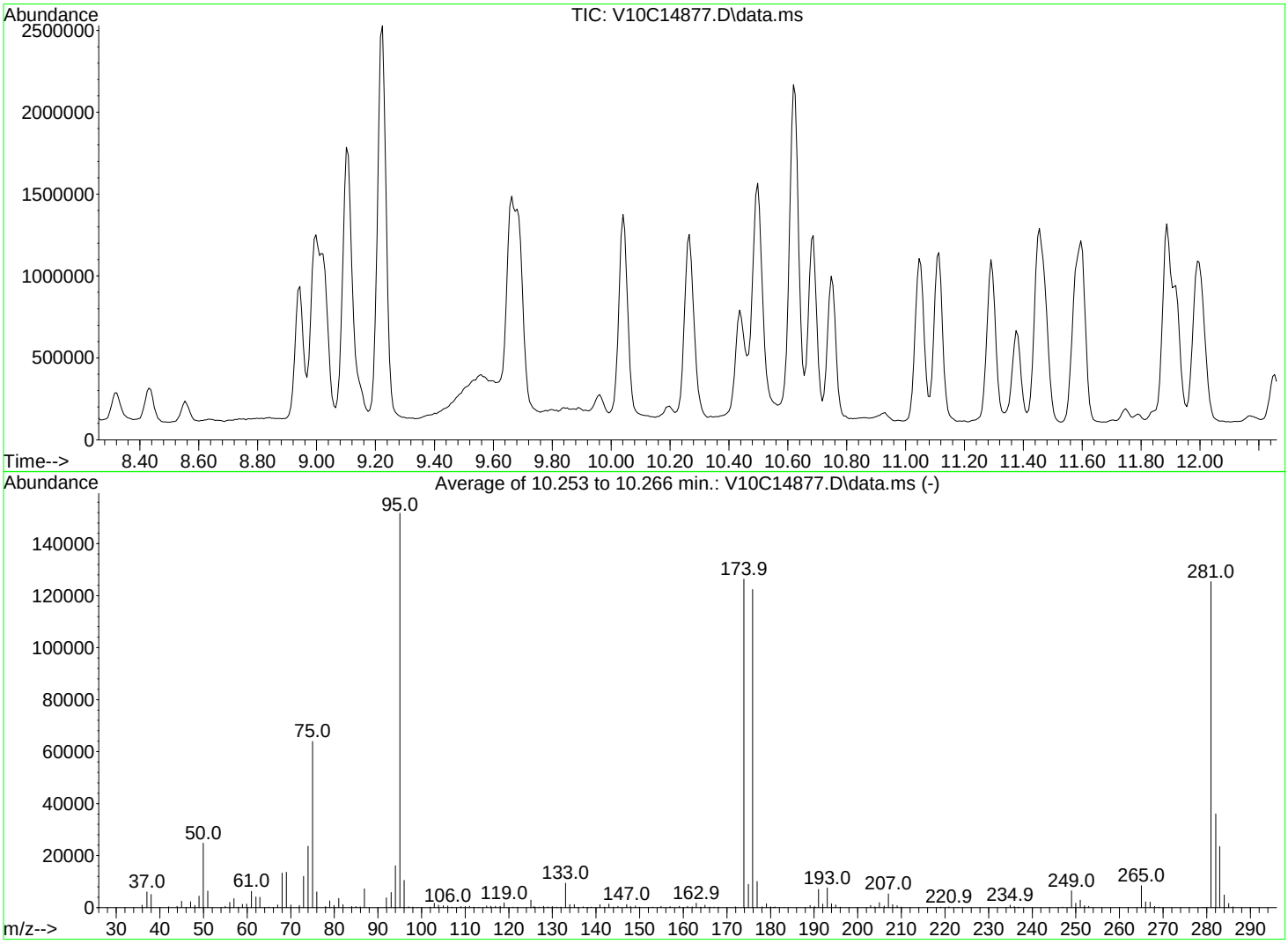
Spectrum Information: Average of 10.259 to 10.272 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	23056	PASS
75	95	30	60	49.8	61107	PASS
95	95	100	100	100.0	122611	PASS
96	95	5	9	6.6	8081	PASS
173	174	0.00	2	0.3	317	PASS
174	95	50	100	82.4	101091	PASS
175	174	5	9	6.9	6933	PASS
176	174	95	101	96.8	97864	PASS
177	176	5	9	6.3	6119	PASS

Data Path : C:\msdchem\1\data\V10-08-30-2025\
Data File : V10C14877.D
Acq On : 30 Aug 2025 9:32 pm
Operator : PMB
Sample : SEQ-TUN1
Misc : 8260
ALS Vial : 59 Sample Multiplier: 1
InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Aug 27 22:45:15 2025



AutoFind: Scans 1491, 1492, 1493; Background Corrected with Scan 1483

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.3	24815	PASS
75	95	30	60	42.1	63945	PASS
95	95	100	100	100.0	151797	PASS
96	95	5	9	6.9	10446	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.2	126359	PASS
175	174	5	9	7.1	9003	PASS
176	174	95	101	96.9	122409	PASS
177	176	5	9	8.2	10079	PASS

METHOD BLANK RAW DATA

SDG: 25H1840
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.500	U
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25H1840
Client:	Hydro Tech Environmental			Project:	23005 - 170 Freeman St Brooklyn
Matrix:	Water	Laboratory ID:	BH52261-BLK1	File ID:	V10C14882.D
Prepared:	08/30/25 09:23	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	08/30/25 23:54	Instrument:	VOA No. 10		
Batch:	BH52261	Sequence:	S5I0205	Calibration:	SH50062

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.77	97.7	70 - 130	
SURR: Toluene-d8	10.0	10.0	100	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	112694	5.956	107041	5.962	
ISTD: Chlorobenzene-d5	154219	8.992	149210	8.992	
ISTD: 1,2-Dichlorobenzene-d4	262942	11.985	273033	11.991	

Quantitation Report (QT Reviewed)

Data File : V10C14882.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 11:54 pm
Operator : PMB
Sample : BH52261-BLK1
Misc : 8260 Multiplr: 1.00
ALS Vial : 64
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:27 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

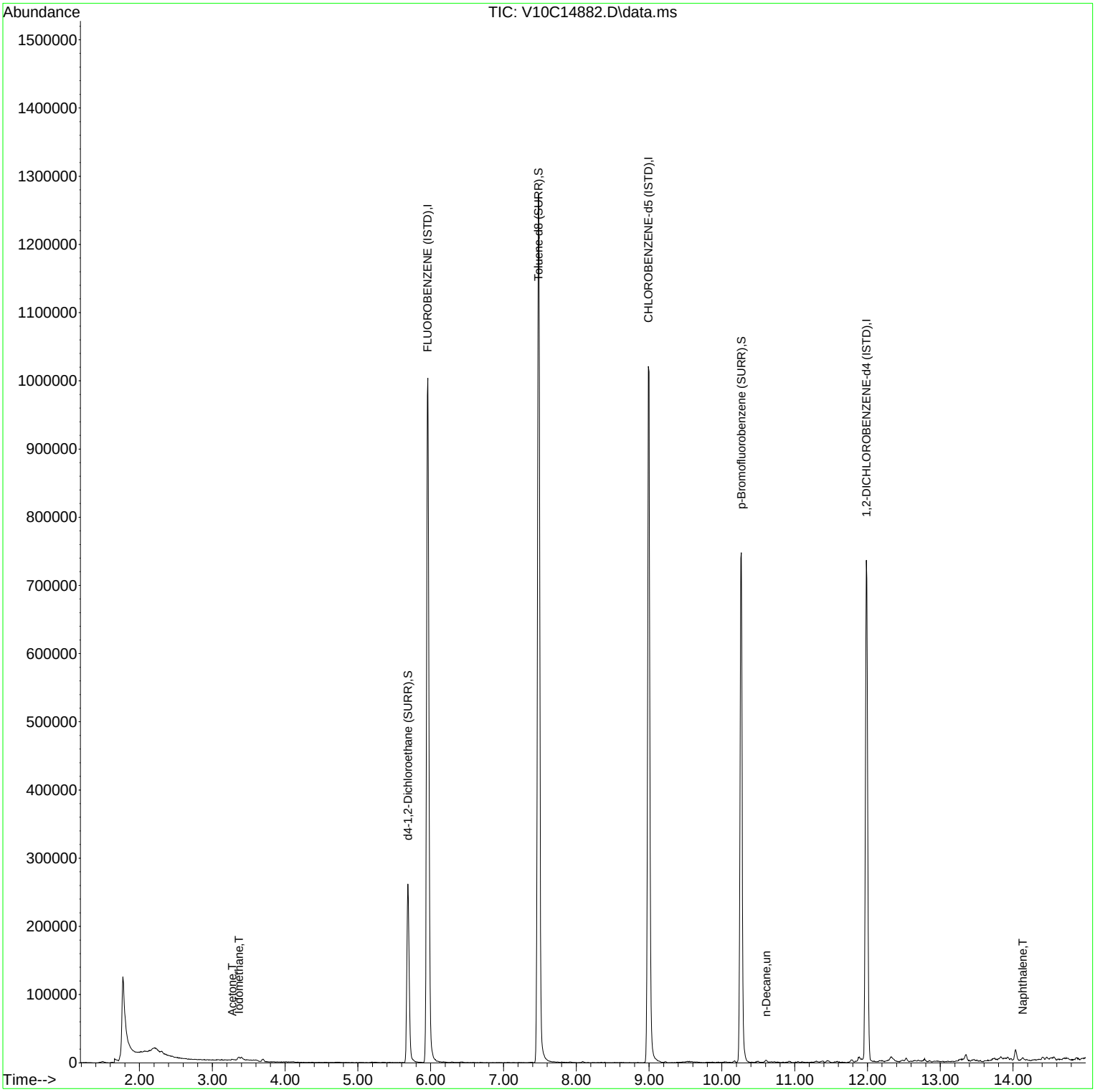
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.956	50	112694	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	154219	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	262942	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	197645	9.77	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 97.70%				
59) Toluene-d8 (SURR)	7.480	98	1058145	10.03	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 100.30%				
81) p-Bromofluorobenzene (...	10.266	95	329263	10.24	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.40%				
Target Compounds							Qvalue
17) Acetone	3.273	58	525	0.53	ppb		86
18) Iodomethane	3.365	142	7705	0.43	ppb		97
87) n-Decane	10.607	57	1373	2.04	ppb	#	71
112) Naphthalene	14.131	128	3491	0.21	ppb		95

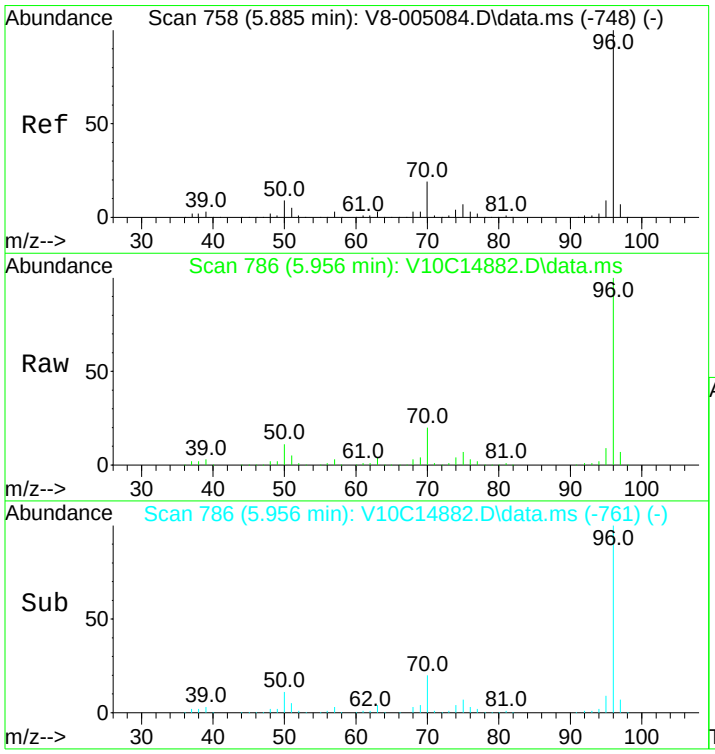
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14882.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 11:54 pm
Operator : PMB
Sample : BH52261-BLK1
Misc : 8260 Multiplr: 1.00
ALS Vial : 64
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:27 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

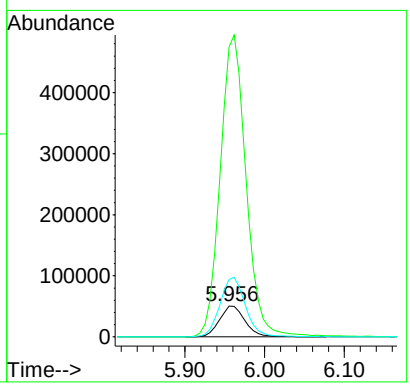


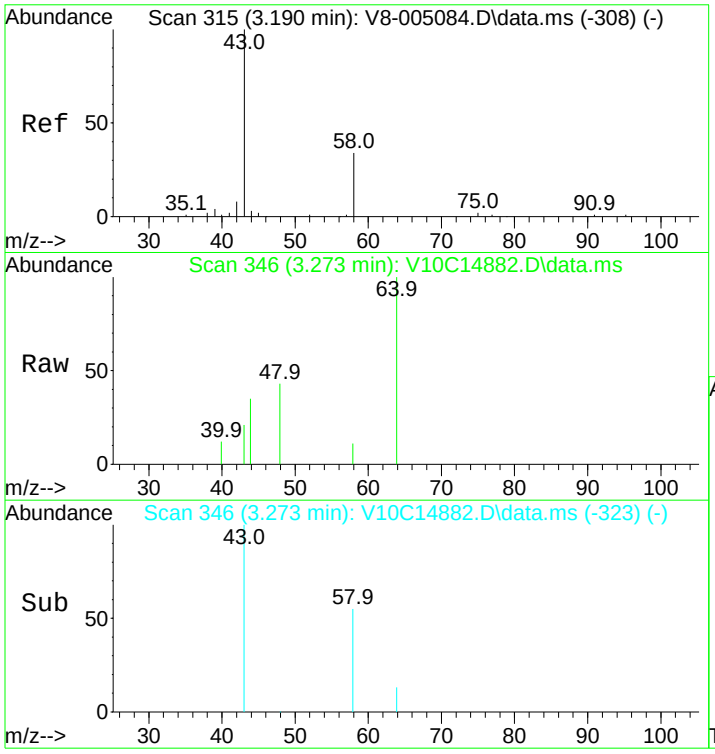


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.956 min Scan# 786
Delta R.T. 0.001 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 50 Resp: 112694

Ion	Ratio	Lower	Upper
50	100		
96	989.0	597.9	1241.7
70	192.9	117.9	244.9

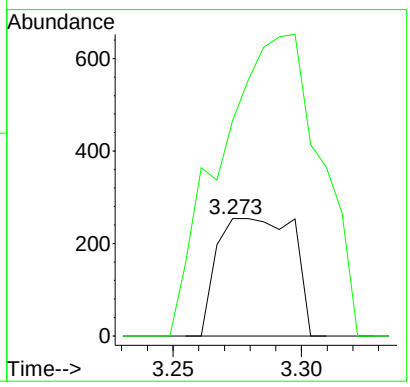


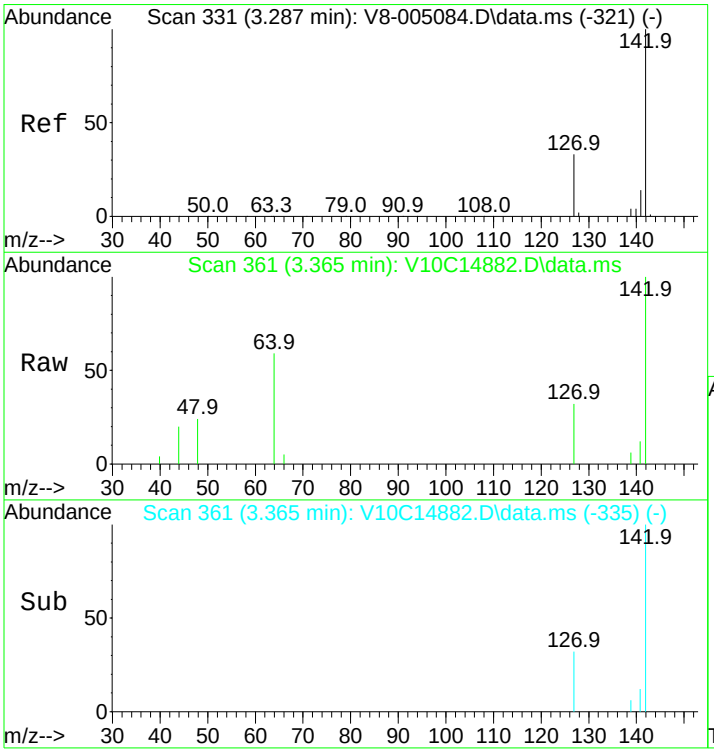


#17
Acetone
Concen: 0.53 ppb
RT: 3.273 min Scan# 346
Delta R.T. -0.012 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 58 Resp: 525

Ion	Ratio	Lower	Upper
58	100		
43	337.7	200.9	417.3

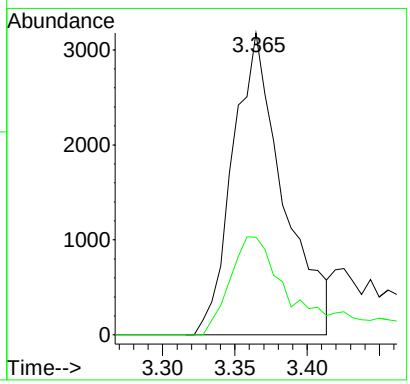


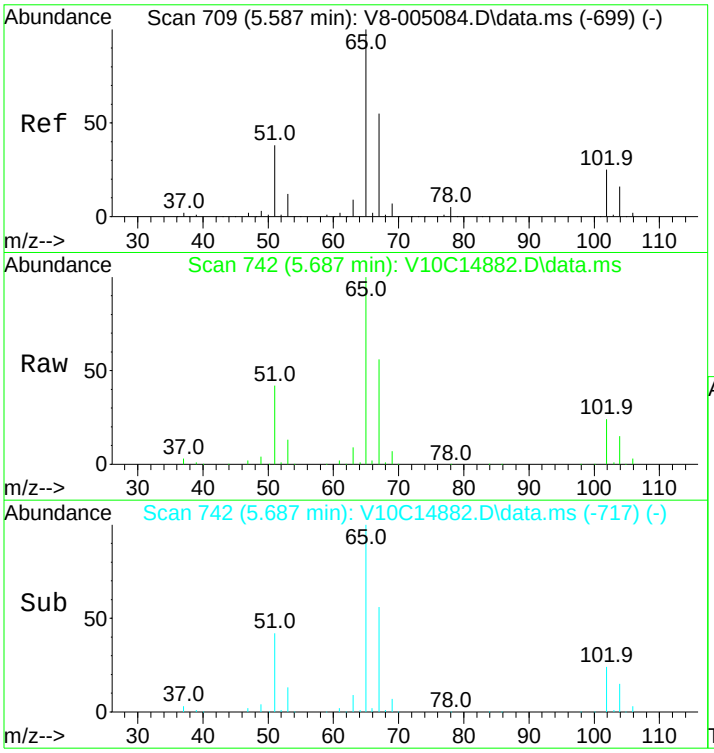


#18
Iodomethane
Concen: 0.43 ppb
RT: 3.365 min Scan# 361
Delta R.T. 0.007 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion:142 Resp: 7705

Ion	Ratio	Lower	Upper
142	100		
127	39.9	24.8	51.6

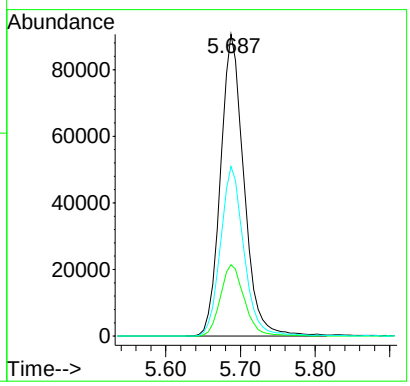


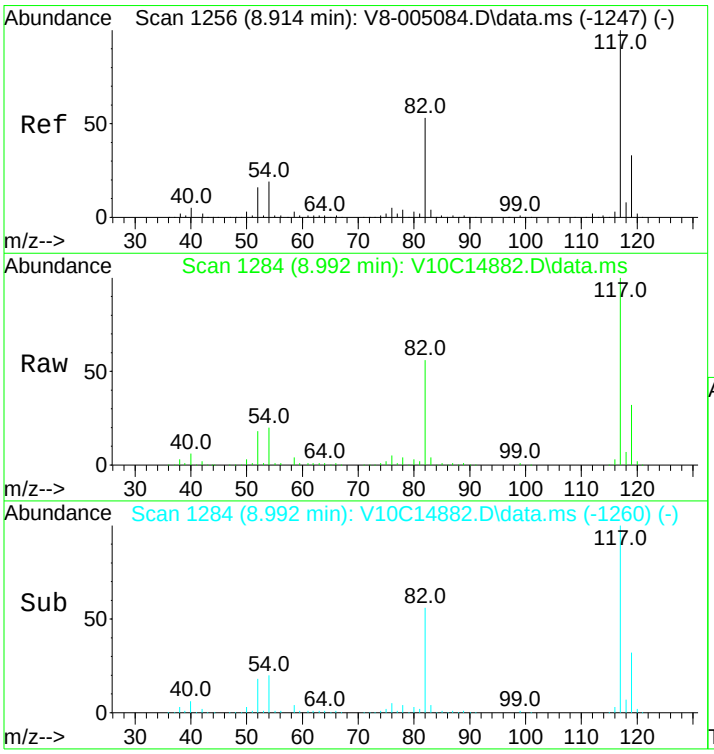


#41
d4-1,2-Dichloroethane (SURR)
Concen: 9.77 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 65 Resp: 197645

Ion	Ratio	Lower	Upper
65	100		
102	24.1	15.0	31.1
67	56.1	37.3	77.5

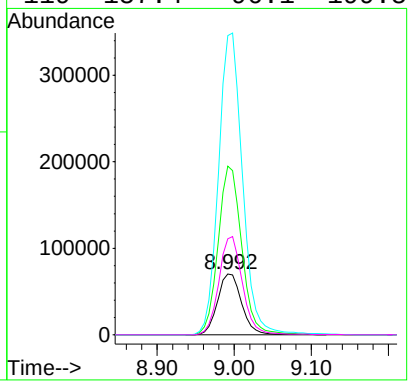


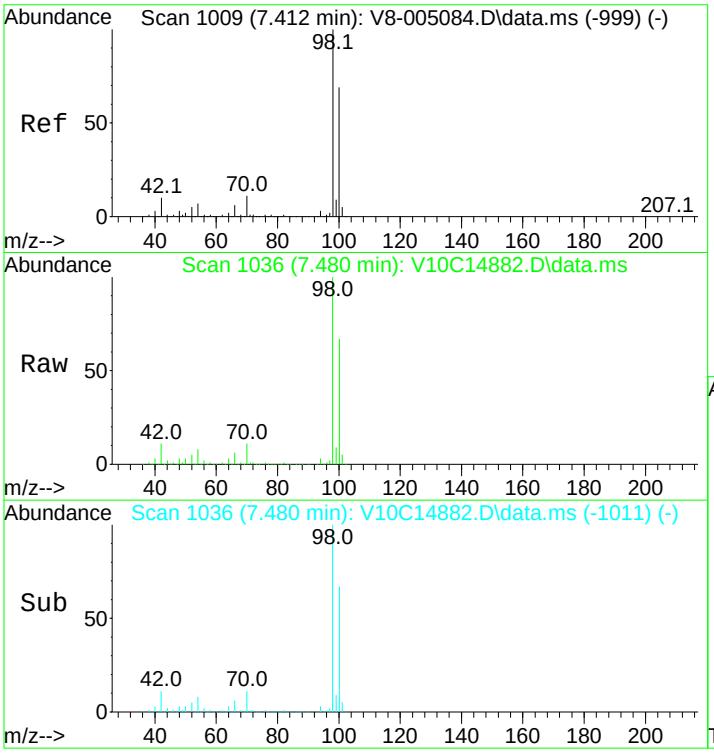


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.992 min Scan# 1284
Delta R.T. -0.005 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 54 Resp: 154219

Ion	Ratio	Lower	Upper
54	100		
82	271.2	169.3	351.7
117	491.5	298.8	620.6
119	157.4	96.1	199.5

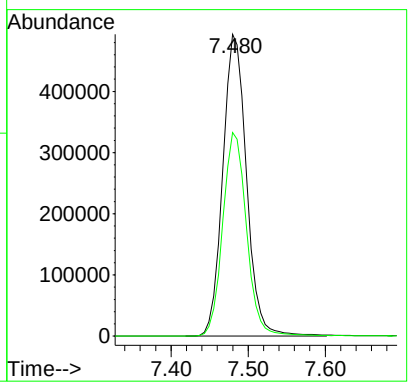


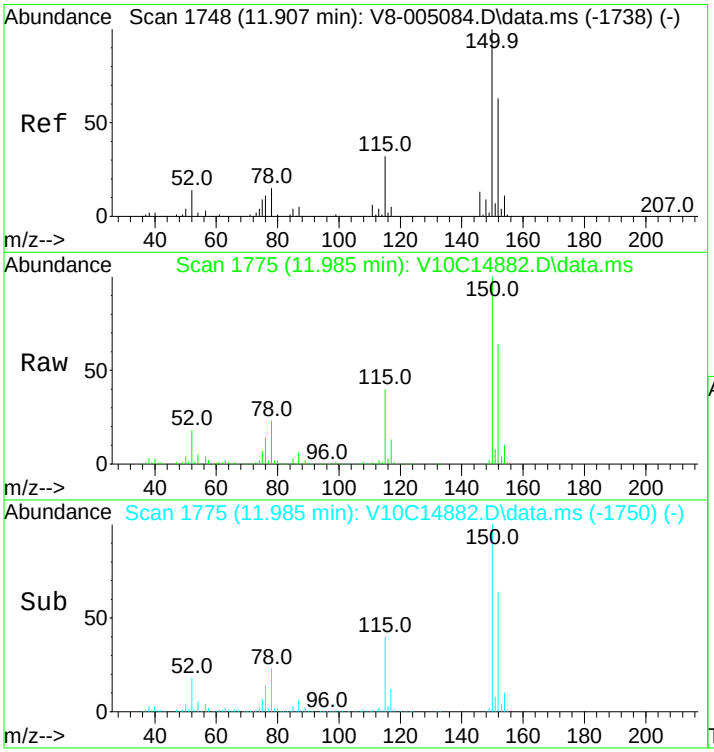


#59
Toluene-d8 (SURR)
Concen: 10.03 ppb
RT: 7.480 min Scan# 1036
Delta R.T. 0.001 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 98 Resp: 1058145

Ion	Ratio	Lower	Upper
98	100		
100	67.6	43.6	90.5

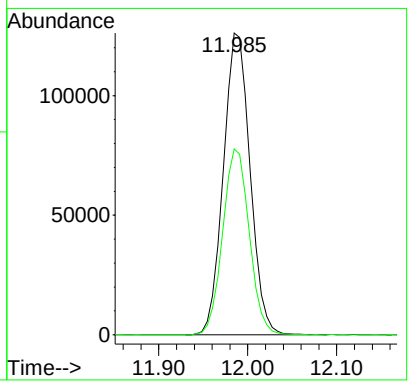


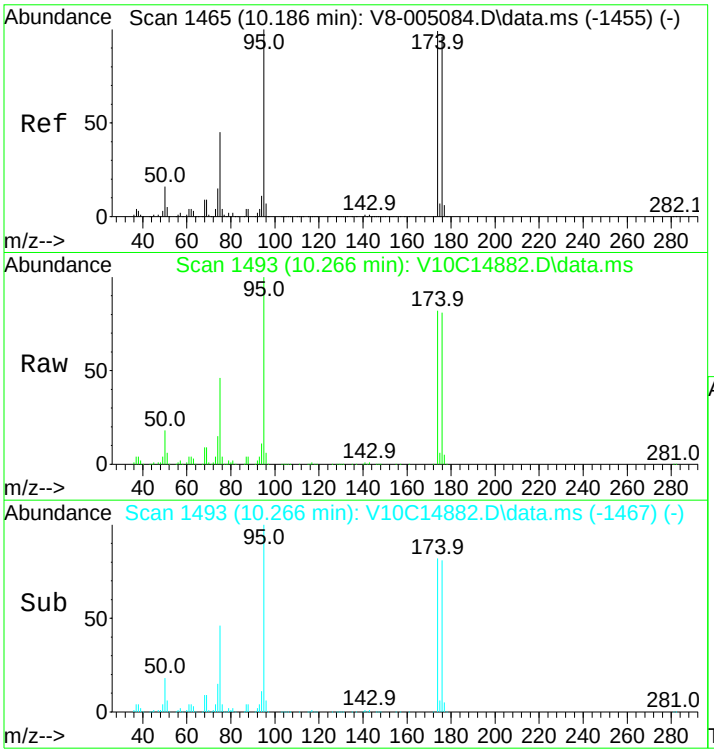


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.985 min Scan# 1775
Delta R.T. -0.000 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion:152 Resp: 262942

Ion	Ratio	Lower	Upper
152	100		
115	61.2	40.2	83.4

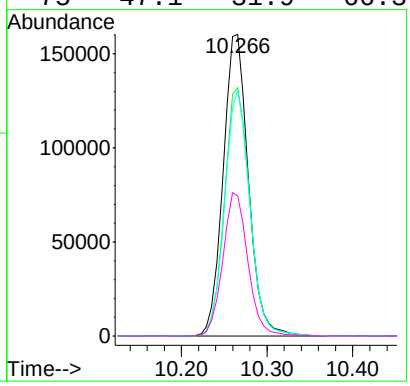


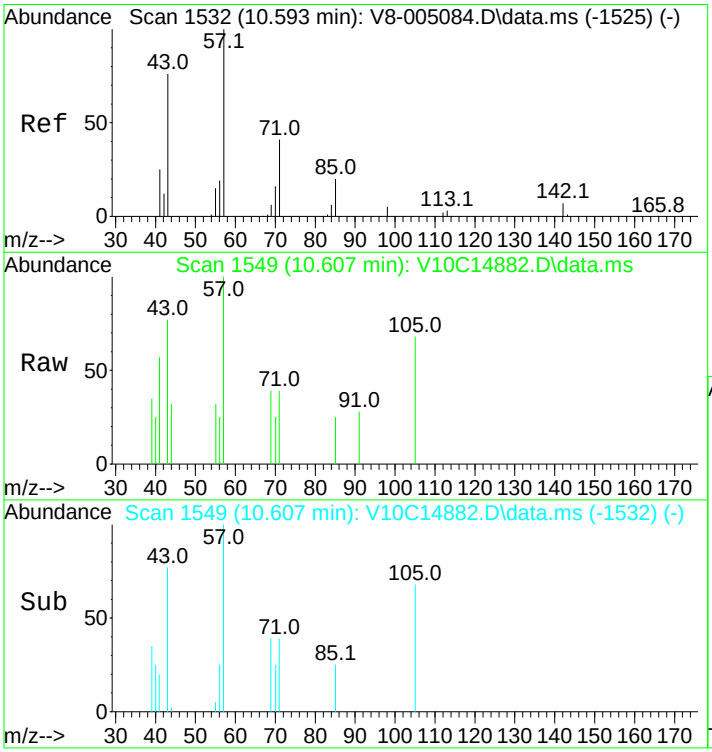


#81
p-Bromofluorobenzene (SURR)
Concen: 10.24 ppb
RT: 10.266 min Scan# 1493
Delta R.T. 0.007 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 95 Resp: 329263

Ion	Ratio	Lower	Upper
95	100		
174	83.3	51.9	107.9
176	80.8	50.9	105.7
75	47.1	31.9	66.3

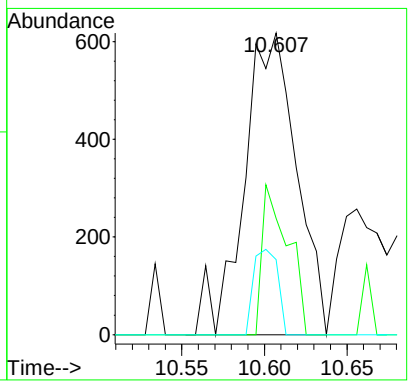


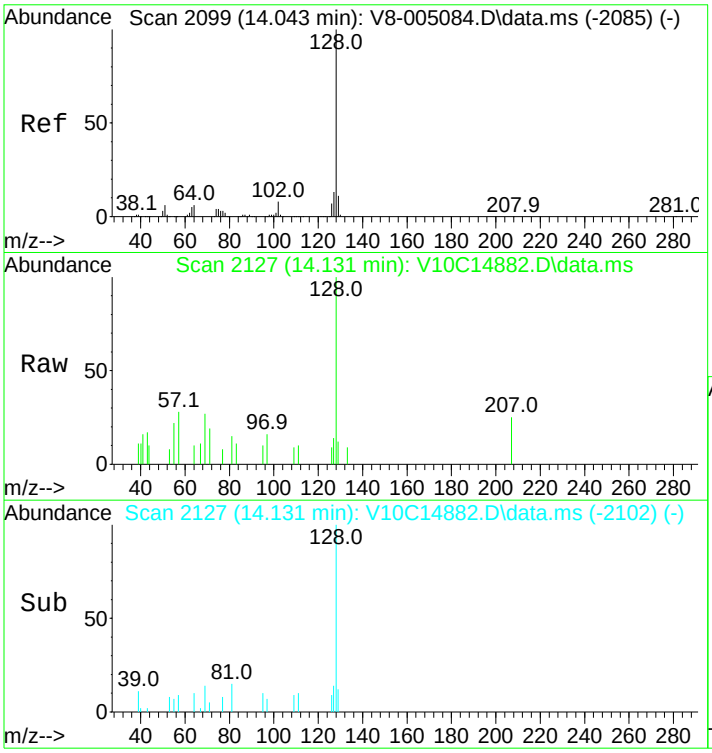


#87
n-Decane
Concen: 2.04 ppb
RT: 10.607 min Scan# 1549
Delta R.T. 0.006 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion: 57 Resp: 1373

Ion	Ratio	Lower	Upper
57	100		
71	24.4	23.7	49.1
85	13.0	22.8	47.4#

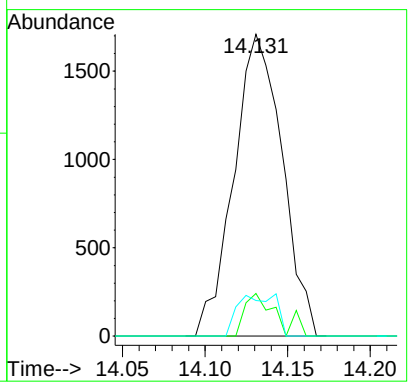




#112
Naphthalene
Concen: 0.21 ppb
RT: 14.131 min Scan# 2127
Delta R.T. -0.000 min
Lab File: V10C14882.D
Acq: 30 Aug 2025 11:54 pm

Tgt Ion:128 Resp: 3491

Ion	Ratio	Lower	Upper
128	100		
127	9.3	8.1	16.7
129	10.8	7.2	15.0



MATRIX SPIKE RAW DATA

SDG: 25H1840
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data File : V10C14899.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:00 am
Operator : PMB
Sample : BH52261-MS1
Misc : 25H1840-04 B Multiplr: 1.00
ALS Vial : 81
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.956	50	115688	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	160185	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	262967	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	208498	10.04	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.40%				
59) Toluene-d8 (SURR)	7.480	98	1043124	9.52	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 95.20%				
81) p-Bromofluorobenzene (...	10.260	95	334142	10.39	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 103.90%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	4483	2.61	ppb	#	1
3) Freon 152a	1.605	51	377630	18.80	ppb		94
4) Dichlorodifluoromethane	1.628	85	130994	4.99	ppb		100
5) Freon 22	1.658	51	463687	17.00	ppb		99
6) Chloromethane	1.840	50	170298	6.87	ppb		99
7) Vinyl Chloride	1.938	62	255737	8.80	ppb		99
8) Bromomethane	2.298	94	53534	5.50	ppb		100
9) Chloroethane	2.401	64	186905	10.17	ppb		98
10) Trichlorofluoromethane	2.645	101	330112	9.45	ppb		100
11) Ethyl Ether	2.932	59	260835	20.59	ppb		97
13) Freon 123	3.054	83	365123	10.84	ppb		99
14) 1,1-Dichloroethylene	3.176	61	371565	10.76	ppb		97
15) Freon 113	3.145	101	217912	9.53	ppb		98
16) Acrolein	3.133	56	17603	12.51	ppb		100
17) Acetone	3.285	58	10205	10.13	ppb		96
18) Iodomethane	3.358	142	131308	7.08	ppb		99
19) Carbon disulfide	3.401	76	655423	9.72	ppb		100
20) Allyl Chloride	3.547	41	400407	11.91	ppb		91
21) Methyl Acetate	3.578	43	119774	18.47	ppb		93
22) tert-Butyl Alcohol (TBA)	3.816	59	43168	55.26	ppb		98
23) Methylene Chloride	3.694	49	295956	10.27	ppb		95
24) Acrylonitrile	3.974	53	36431	12.00	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	356842	10.84	ppb		97
26) tert-Butyl Methyl Ethe...	3.889	73	415087	11.44	ppb		99
27) n-hexane	4.102	57	257894	6.10	ppb		97
28) 1,1-Dichloroethane	4.346	63	477597	10.37	ppb		100
29) Vinyl Acetate	4.377	86	22013	9.60	ppb		93
30) Diisopropyl ether (DIPE)	4.322	45	787230	11.26	ppb		99
31) Ethyl-tert-Butyl ether...	4.669	59	596447	10.95	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	388359	10.37	ppb		98
33) 2-Butanone	4.925	72	12483	10.23	ppb		93
34) 2,2-Dichloropropane	4.870	77	249043	7.30	ppb		98
35) Tetrahydrofuran	5.163	71	10882	10.72	ppb		84
36) Bromochloromethane	5.145	49	176275	11.34	ppb		99
37) Chloroform	5.206	83	408352	10.09	ppb		99
38) 1,1,1-Trichloroethane	5.340	97	369522	10.26	ppb		99
39) Cyclohexane	5.346	56	547064	10.51	ppb		99
40) 1,1-Dichloropropylene	5.486	75	353632	9.43	ppb		98
42) Carbon Tetrachloride	5.480	117	301199	10.15	ppb		99
43) tert-Amyl alcohol (TAA)	5.718	59	77272	100.93	ppb	#	34
44) 1,2-Dichloroethane	5.760	62	211929	10.29	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C14899.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:00 am
Operator : PMB
Sample : BH52261-MS1
Misc : 25H1840-04 B Multiplr: 1.00
ALS Vial : 81
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Benzene	5.699	78	1116628	10.39	ppb		100
46)	tert-Amyl methyl ether...	5.742	73	533441	11.17	ppb		97
48)	Trichloroethylene	6.303	95	254703	9.43	ppb		100
49)	Methyl Cyclohexane	6.425	83	497119	9.69	ppb		84
50)	Methyl Methacrylate	6.614	69	90361	11.96	ppb		97
51)	Dibromomethane	6.693	93	88551	10.45	ppb		99
52)	Bromodichloromethane	6.833	83	259098	10.23	ppb		99
53)	1,2-Dichloropropane	6.553	63	260553	10.67	ppb		99
54)	1,4-Dioxane	6.687	88	21143	221.52	ppb		99
55)	2-Nitropropane	7.083	43	24139	10.48	ppb		99
57)	cis-1,3-Dichloropropene	7.248	75	322133	10.33	ppb		99
58)	4-Methyl-2-Pentanone	7.382	43	94864	11.45	ppb	#	99
60)	Toluene	7.547	91	1166436	10.27	ppb		100
61)	n-Octane	7.553	85	91482	6.38	ppb		97
62)	Ethyl Methacrylate	7.833	69	174495	10.82	ppb		97
63)	trans-1,3-Dichloropropene	7.815	75	232840	10.41	ppb		99
64)	1,1,2-Trichloroethane	8.016	97	135809	10.66	ppb		97
65)	1,3-Dichloropropane	8.187	76	249802	10.71	ppb		99
66)	Tetrachloroethylene	8.089	166	259316	6.29	ppb		99
67)	2-Hexanone	8.229	43	60991	11.20	ppb		100
68)	n-Butyl Actetate	8.321	43	8187	0.56	ppb	#	80
69)	Dibromochloromethane	8.431	129	141713	10.21	ppb		100
70)	1,2-Dibromoethane	8.553	107	121314	10.90	ppb		100
71)	Chlorobenzene	9.022	112	643359	10.04	ppb		100
72)	1,1,1,2-tetrachloroethane	9.113	131	185551	9.93	ppb		99
73)	n-Nonane	9.144	57	88676	6.37	ppb		98
74)	Ethyl Benzene	9.101	91	1289795	10.33	ppb		100
75)	p- & m-Xylenes	9.223	91	1905860	20.86	ppb		100
76)	o-Xylene	9.662	91	930528	10.82	ppb		100
77)	Styrene	9.686	104	680401	10.17	ppb		99
78)	Bromoform	9.961	173	66233	10.51	ppb		100
80)	Isopropylbenzene	10.040	105	1175036	10.56	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.461	83	133362	11.47	ppb		100
83)	Bromobenzene	10.436	77	351846	10.49	ppb		99
84)	trans-1,4-Dichloro-2-b...	10.509	75	122095	10.38	ppb		95
85)	1,2,3-Trichloropropane	10.509	110	34822	11.11	ppb		98
86)	n-Propylbenzene	10.497	91	1352010	10.43	ppb		100
87)	n-Decane	10.601	57	77113	5.80	ppb		96
88)	p-Ethyltoluene	10.619	105	1083685	10.46	ppb		99
89)	1,3,5-Trimethylbenzene	10.686	105	844349	10.73	ppb		100
90)	2-Chlorotoluene	10.625	91	828097	10.44	ppb		99
91)	4-Chlorotoluene	10.747	91	717091	10.58	ppb		100
92)	tert-Butylbenzene	11.046	119	708842	10.41	ppb		99
93)	1,2,4-Trimethylbenzene	11.113	105	798215	10.77	ppb		99
94)	sec-Butylbenzene	11.290	105	998261	10.30	ppb		100
95)	Limonene	11.375	68	138822	6.20	ppb		99
96)	1,3-Dichlorobenzene	11.473	146	372764	9.99	ppb		99
97)	p-Isopropyltoluene	11.448	119	788527	9.94	ppb		99
98)	1,4-Dichlorobenzene	11.576	146	363690	9.98	ppb		99
99)	1,2,3-Trimethylbenzene	11.595	105	742586	10.76	ppb		100
100)	p-Diethylbenzene	11.887	105	391548	10.09	ppb		100
101)	trans-Decahydronapthalene	11.881	138	86422	7.89	ppb		98
102)	1,2-Dichlorobenzene	12.009	146	301690	10.18	ppb		100
103)	n-Butylbenzene	11.918	91	733034	9.84	ppb		99
105)	n-Undecane	11.942	71	29722	7.17	ppb		96

Quantitation Report (QT Reviewed)

Data File : V10C14899.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:00 am
Operator : PMB
Sample : BH52261-MS1
Misc : 25H1840-04 B Multiplr: 1.00
ALS Vial : 81
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

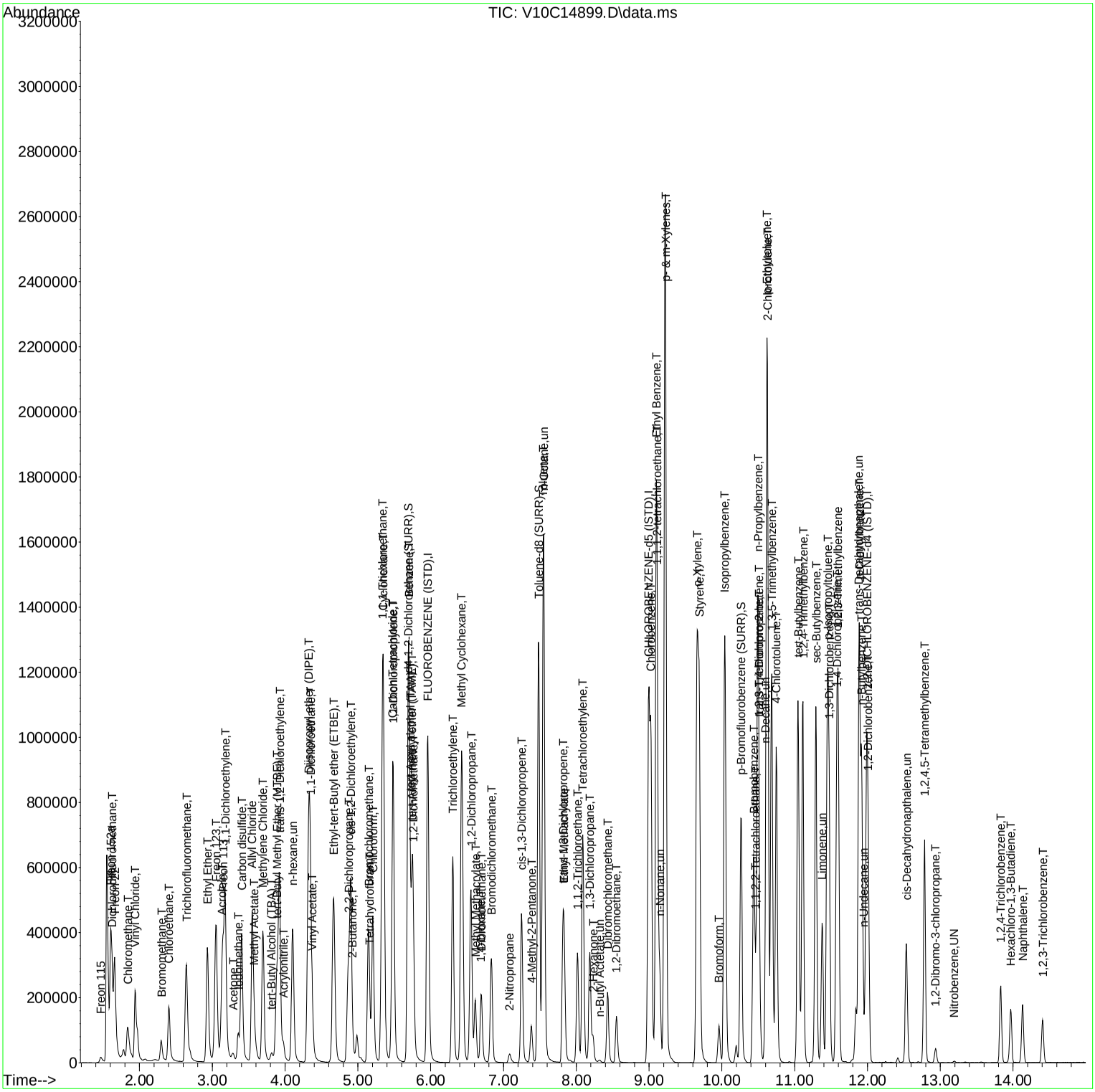
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.534	138	69446	8.46	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.930	75	13680	11.66	ppb		97
108) 1,2,4,5-Tetramethylben...	12.783	119	460786	10.07	ppb		99
109) Nitrobenzene	13.192	77	3075	7.87	ppb		94
110) 1,2,4-Trichlorobenzene	13.832	180	90972	9.44	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	41539	8.21	ppb		98
112) Naphthalene	14.131	128	172655	10.63	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	50279	9.07	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14899.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:00 am
Operator : PMB
Sample : BH52261-MS1
Misc : 25H1840-04 B Multiplr: 1.00
ALS Vial : 81
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:18 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14900.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:29 am
Operator : PMB
Sample : BH52261-MSD1
Misc : 25H1840-04 C Multiplr: 1.00
ALS Vial : 82
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	119054	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	163852	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	272705	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	212380	9.94	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.40%				
59) Toluene-d8 (SURR)	7.479	98	1066917	9.51	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 95.10%				
81) p-Bromofluorobenzene (...	10.265	95	344312	10.32	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 103.20%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	3876	2.19	ppb	#	1
3) Freon 152a	1.604	51	377884	18.28	ppb		95
4) Dichlorodifluoromethane	1.622	85	126329	4.68	ppb		100
5) Freon 22	1.657	51	472810	16.84	ppb		99
6) Chloromethane	1.834	50	185883	7.29	ppb		99
7) Vinyl Chloride	1.938	62	268483	8.97	ppb		99
8) Bromomethane	2.297	94	67984	6.73	ppb		98
9) Chloroethane	2.401	64	191763	10.14	ppb		99
10) Trichlorofluoromethane	2.645	101	334585	9.31	ppb		99
11) Ethyl Ether	2.932	59	275805	21.16	ppb		96
13) Freon 123	3.047	83	373634	10.78	ppb		99
14) 1,1-Dichloroethylene	3.175	61	381311	10.73	ppb		98
15) Freon 113	3.145	101	210750	8.95	ppb		98
16) Acrolein	3.127	56	18989	13.11	ppb		98
17) Acetone	3.279	58	10855	10.47	ppb		93
18) Iodomethane	3.358	142	150968	7.91	ppb		100
19) Carbon disulfide	3.401	76	683875	9.85	ppb		100
20) Allyl Chloride	3.547	41	415585	12.02	ppb		91
21) Methyl Acetate	3.578	43	123304	18.47	ppb		94
22) tert-Butyl Alcohol (TBA)	3.816	59	44454	55.30	ppb		98
23) Methylene Chloride	3.694	49	303934	10.24	ppb		96
24) Acrylonitrile	3.974	53	37908	12.13	ppb		99
25) trans-1,2-Dichloroethy...	3.919	61	369993	10.92	ppb		98
26) tert-Butyl Methyl Ethe...	3.889	73	435361	11.66	ppb		99
27) n-hexane	4.102	57	262106	6.02	ppb		97
28) 1,1-Dichloroethane	4.346	63	495116	10.44	ppb		100
29) Vinyl Acetate	4.376	86	22913	9.71	ppb		91
30) Diisopropyl ether (DIPE)	4.322	45	826709	11.49	ppb		99
31) Ethyl-tert-Butyl ether...	4.669	59	630978	11.26	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	404307	10.49	ppb		98
33) 2-Butanone	4.919	72	12989	10.35	ppb		92
34) 2,2-Dichloropropane	4.870	77	261434	7.45	ppb		99
35) Tetrahydrofuran	5.163	71	11797	11.29	ppb		88
36) Bromochloromethane	5.145	49	181095	11.33	ppb		98
37) Chloroform	5.205	83	423713	10.18	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	382237	10.31	ppb		99
39) Cyclohexane	5.346	56	544363	10.17	ppb		99
40) 1,1-Dichloropropylene	5.486	75	369059	9.56	ppb		98
42) Carbon Tetrachloride	5.474	117	308373	10.10	ppb		100
43) tert-Amyl alcohol (TAA)	5.718	59	82656	104.74	ppb	#	33
44) 1,2-Dichloroethane	5.760	62	219197	10.34	ppb		99

Data File : V10C14900.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:29 am
Operator : PMB
Sample : BH52261-MSD1
Misc : 25H1840-04 C Multiplr: 1.00
ALS Vial : 82
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	1158414	10.47	ppb		100
46) tert-Amyl methyl ether...	5.742	73	566091	11.52	ppb		97
48) Trichloroethylene	6.303	95	265459	9.60	ppb		99
49) Methyl Cyclohexane	6.425	83	486776	9.27	ppb		84
50) Methyl Methacrylate	6.614	69	94788	12.27	ppb		97
51) Dibromomethane	6.693	93	91929	10.61	ppb		100
52) Bromodichloromethane	6.833	83	270841	10.45	ppb		99
53) 1,2-Dichloropropane	6.553	63	272482	10.91	ppb		100
54) 1,4-Dioxane	6.687	88	22046	225.82	ppb		97
55) 2-Nitropropane	7.083	43	25271	10.73	ppb		100
57) cis-1,3-Dichloropropene	7.248	75	338658	10.62	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	100631	11.88	ppb	#	99
60) Toluene	7.546	91	1207165	10.39	ppb		100
61) n-Octane	7.553	85	100474	6.85	ppb		98
62) Ethyl Methacrylate	7.833	69	183280	11.11	ppb		97
63) trans-1,3-Dichloropropene	7.815	75	242662	10.61	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	140634	10.79	ppb		98
65) 1,3-Dichloropropane	8.187	76	259010	10.86	ppb		99
66) Tetrachloroethylene	8.089	166	271565	6.43	ppb		99
67) 2-Hexanone	8.229	43	64903	11.66	ppb		100
68) n-Butyl Actetate	8.321	43	9025	0.61	ppb	#	83
69) Dibromochloromethane	8.430	129	148935	10.49	ppb		100
70) 1,2-Dibromoethane	8.552	107	124439	10.93	ppb		99
71) Chlorobenzene	9.022	112	670105	10.22	ppb		100
72) 1,1,1,2-tetrachloroethane	9.113	131	195396	10.22	ppb		98
73) n-Nonane	9.144	57	98814	6.94	ppb		98
74) Ethyl Benzene	9.101	91	1338509	10.48	ppb		100
75) p- & m-Xylenes	9.223	91	1981145	21.20	ppb		99
76) o-Xylene	9.662	91	966638	10.99	ppb		99
77) Styrene	9.686	104	708120	10.35	ppb		99
78) Bromoform	9.961	173	68834	10.67	ppb		99
80) Isopropylbenzene	10.040	105	1220004	10.57	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	137502	11.41	ppb		99
83) Bromobenzene	10.436	77	367700	10.57	ppb		99
84) trans-1,4-Dichloro-2-b...	10.509	75	127116	10.43	ppb		95
85) 1,2,3-Trichloropropane	10.515	110	35605	10.96	ppb		100
86) n-Propylbenzene	10.497	91	1405248	10.45	ppb		100
87) n-Decane	10.601	57	83883	5.99	ppb		98
88) p-Ethyltoluene	10.619	105	1125120	10.48	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	889035	10.90	ppb		99
90) 2-Chlorotoluene	10.625	91	857002	10.42	ppb		99
91) 4-Chlorotoluene	10.747	91	749700	10.67	ppb		100
92) tert-Butylbenzene	11.046	119	740231	10.49	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	835882	10.88	ppb		99
94) sec-Butylbenzene	11.290	105	1045113	10.40	ppb		100
95) Limonene	11.375	68	149753	6.45	ppb		99
96) 1,3-Dichlorobenzene	11.473	146	390049	10.08	ppb		99
97) p-Isopropyltoluene	11.448	119	836338	10.17	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	382336	10.12	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	783249	10.94	ppb		99
100) p-Diethylbenzene	11.887	105	413214	10.27	ppb		99
101) trans-Decahydronapthalene	11.887	138	94081	8.28	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	318299	10.36	ppb		100
103) n-Butylbenzene	11.918	91	775681	10.04	ppb		99
105) n-Undecane	11.942	71	33493	7.57	ppb		95

Quantitation Report (QT Reviewed)

Data File : V10C14900.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:29 am
Operator : PMB
Sample : BH52261-MSD1
Misc : 25H1840-04 C Multiplr: 1.00
ALS Vial : 82
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

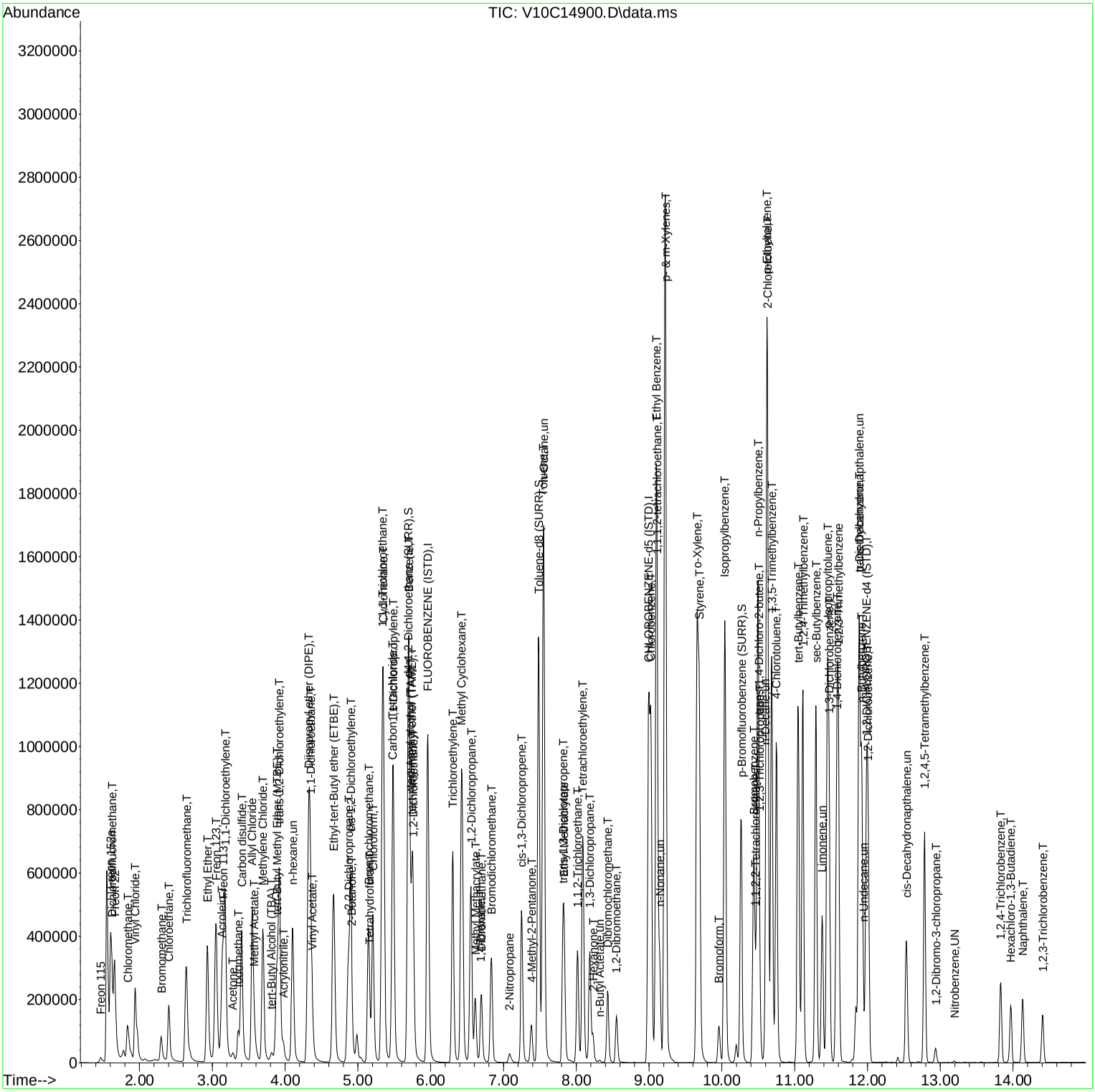
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	75273	8.85	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	14384	11.82	ppb		96
108) 1,2,4,5-Tetramethylben...	12.783	119	492526	10.38	ppb		99
109) Nitrobenzene	13.198	77	3402	8.39	ppb		99
110) 1,2,4-Trichlorobenzene	13.832	180	102140	10.22	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	45196	8.61	ppb		97
112) Naphthalene	14.131	128	199218	11.82	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	57549	10.01	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14900.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 31 Aug 2025 8:29 am
Operator : PMB
Sample : BH52261-MSD1
Misc : 25H1840-04 C Multiplr: 1.00
ALS Vial : 82
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:22:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



LCS RAW DATA

SDG: 25H1840
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data File : V10C14879.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:29 pm
Operator : PMB
Sample : BH52261-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 61
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	108439	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.998	54	155232	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	280140	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	199736	10.26	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.60%				
59) Toluene-d8 (SURR)	7.480	98	1054859	9.93	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 99.30%				
81) p-Bromofluorobenzene (...	10.266	95	339556	9.91	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 99.10%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	5403	3.35	ppb		92
3) Freon 152a	1.605	51	152363	8.09	ppb		86
4) Dichlorodifluoromethane	1.628	85	126773	5.15	ppb		100
5) Freon 22	1.658	51	397564	15.55	ppb		100
6) Chloromethane	1.834	50	174051	7.49	ppb		97
7) Vinyl Chloride	1.938	62	240160	8.81	ppb		95
8) Bromomethane	2.298	94	69411	7.51	ppb		97
9) Chloroethane	2.401	64	179490	10.42	ppb		95
10) Trichlorofluoromethane	2.645	101	306064	9.35	ppb		98
11) Ethyl Ether	2.932	59	243698	20.53	ppb		96
13) Freon 123	3.054	83	339953	10.77	ppb		99
14) 1,1-Dichloroethylene	3.176	61	334802	10.35	ppb		99
15) Freon 113	3.145	101	210562	9.82	ppb		99
16) Acrolein	3.139	56	17886	13.56	ppb		98
17) Acetone	3.285	58	10306	10.91	ppb		84
18) Iodomethane	3.358	142	209646	12.03	ppb		96
19) Carbon disulfide	3.401	76	641868	10.15	ppb		100
20) Allyl Chloride	3.547	41	363602	11.54	ppb		93
21) Methyl Acetate	3.578	43	110799	18.22	ppb		95
22) tert-Butyl Alcohol (TBA)	3.816	59	41702	56.86	ppb		96
23) Methylene Chloride	3.694	49	272236	10.07	ppb		99
24) Acrylonitrile	3.980	53	36408	12.79	ppb		99
25) trans-1,2-Dichloroethy...	3.925	61	335058	10.86	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	412244	12.12	ppb		97
27) n-hexane	4.102	57	251663	6.35	ppb		100
28) 1,1-Dichloroethane	4.346	63	430427	9.97	ppb		99
29) Vinyl Acetate	4.377	86	21489	9.99	ppb		97
30) Diisopropyl ether (DIPE)	4.322	45	715184	10.91	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	560894	10.99	ppb		97
32) cis-1,2-Dichloroethylene	4.901	61	355505	10.13	ppb		95
33) 2-Butanone	4.925	72	12226	10.69	ppb		81
34) 2,2-Dichloropropane	4.870	77	253151	7.92	ppb		95
35) Tetrahydrofuran	5.163	71	11337	11.91	ppb		95
36) Bromochloromethane	5.145	49	152566	10.48	ppb		87
37) Chloroform	5.206	83	380016	10.02	ppb		98
38) 1,1,1-Trichloroethane	5.340	97	339096	10.04	ppb		98
39) Cyclohexane	5.346	56	481185	9.87	ppb		98
40) 1,1-Dichloropropylene	5.486	75	319779	9.10	ppb		96
42) Carbon Tetrachloride	5.480	117	271737	9.77	ppb		99
43) tert-Amyl alcohol (TAA)	5.718	59	76381	106.20	ppb	#	26
44) 1,2-Dichloroethane	5.760	62	195745	10.14	ppb		100

Data File : V10C14879.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:29 pm
Operator : PMB
Sample : BH52261-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 61
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	1043198	10.35	ppb		99
46) tert-Amyl methyl ether...	5.742	73	519889	11.61	ppb		99
48) Trichloroethylene	6.303	95	241768	9.23	ppb		97
49) Methyl Cyclohexane	6.425	83	466554	9.38	ppb		82
50) Methyl Methacrylate	6.614	69	85948	11.74	ppb		95
51) Dibromomethane	6.693	93	84701	10.32	ppb		96
52) Bromodichloromethane	6.833	83	242766	9.89	ppb		99
53) 1,2-Dichloropropane	6.553	63	237290	10.03	ppb		99
54) 1,4-Dioxane	6.687	88	21778	235.46	ppb		93
55) 2-Nitropropane	7.083	43	23649	10.59	ppb		97
57) cis-1,3-Dichloropropene	7.248	75	310277	10.27	ppb		97
58) 4-Methyl-2-Pentanone	7.382	43	89138	11.11	ppb	#	99
60) Toluene	7.553	91	1107010	10.05	ppb		100
61) n-Octane	7.559	85	93954	6.76	ppb		94
62) Ethyl Methacrylate	7.839	69	169433	10.84	ppb		94
63) trans-1,3-Dichloropropene	7.815	75	224535	10.36	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	132841	10.76	ppb		95
65) 1,3-Dichloropropane	8.187	76	233868	10.35	ppb		96
66) Tetrachloroethylene	8.089	166	263280	6.59	ppb		99
67) 2-Hexanone	8.229	43	57921	10.98	ppb		98
68) n-Butyl Actetate	8.315	43	5943	0.42	ppb	#	84
69) Dibromochloromethane	8.431	129	143403	10.66	ppb		99
70) 1,2-Dibromoethane	8.553	107	119412	11.08	ppb		99
71) Chlorobenzene	9.028	112	630029	10.14	ppb		98
72) 1,1,1,2-tetrachloroethane	9.113	131	184285	10.17	ppb		98
73) n-Nonane	9.150	57	87755	6.50	ppb		95
74) Ethyl Benzene	9.101	91	1233447	10.19	ppb		99
75) p- & m-Xylenes	9.223	91	1818424	20.54	ppb		99
76) o-Xylene	9.662	91	887384	10.64	ppb		98
77) Styrene	9.693	104	662929	10.23	ppb		98
78) Bromoform	9.961	173	70012	11.46	ppb		100
80) Isopropylbenzene	10.040	105	1144348	9.65	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.461	83	129441	10.45	ppb		99
83) Bromobenzene	10.436	77	334567	9.36	ppb		95
84) trans-1,4-Dichloro-2-b...	10.516	75	122586	9.79	ppb		92
85) 1,2,3-Trichloropropane	10.516	110	35017	10.49	ppb		99
86) n-Propylbenzene	10.497	91	1304762	9.44	ppb		99
87) n-Decane	10.607	57	78718	5.65	ppb		98
88) p-Ethyltoluene	10.619	105	1079355	9.78	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	812752	9.70	ppb		98
90) 2-Chlorotoluene	10.625	91	797490	9.44	ppb		97
91) 4-Chlorotoluene	10.747	91	695034	9.63	ppb		98
92) tert-Butylbenzene	11.046	119	704272	9.71	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	781187	9.90	ppb		99
94) sec-Butylbenzene	11.290	105	981164	9.51	ppb		99
95) Limonene	11.375	68	128132	5.37	ppb		96
96) 1,3-Dichlorobenzene	11.473	146	381468	9.60	ppb		99
97) p-Isopropyltoluene	11.448	119	805542	9.54	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	374303	9.64	ppb		98
99) 1,2,3-Trimethylbenzene	11.601	105	732006	9.96	ppb		99
100) p-Diethylbenzene	11.887	105	394045	9.54	ppb		99
101) trans-Decahydronapthalene	11.881	138	93568	8.02	ppb		95
102) 1,2-Dichlorobenzene	12.009	146	312149	9.89	ppb		99
103) n-Butylbenzene	11.918	91	728467	9.18	ppb		99
105) n-Undecane	11.942	71	27431	6.51	ppb		94

Quantitation Report (QT Reviewed)

Data File : V10C14879.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:29 pm
Operator : PMB
Sample : BH52261-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 61
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

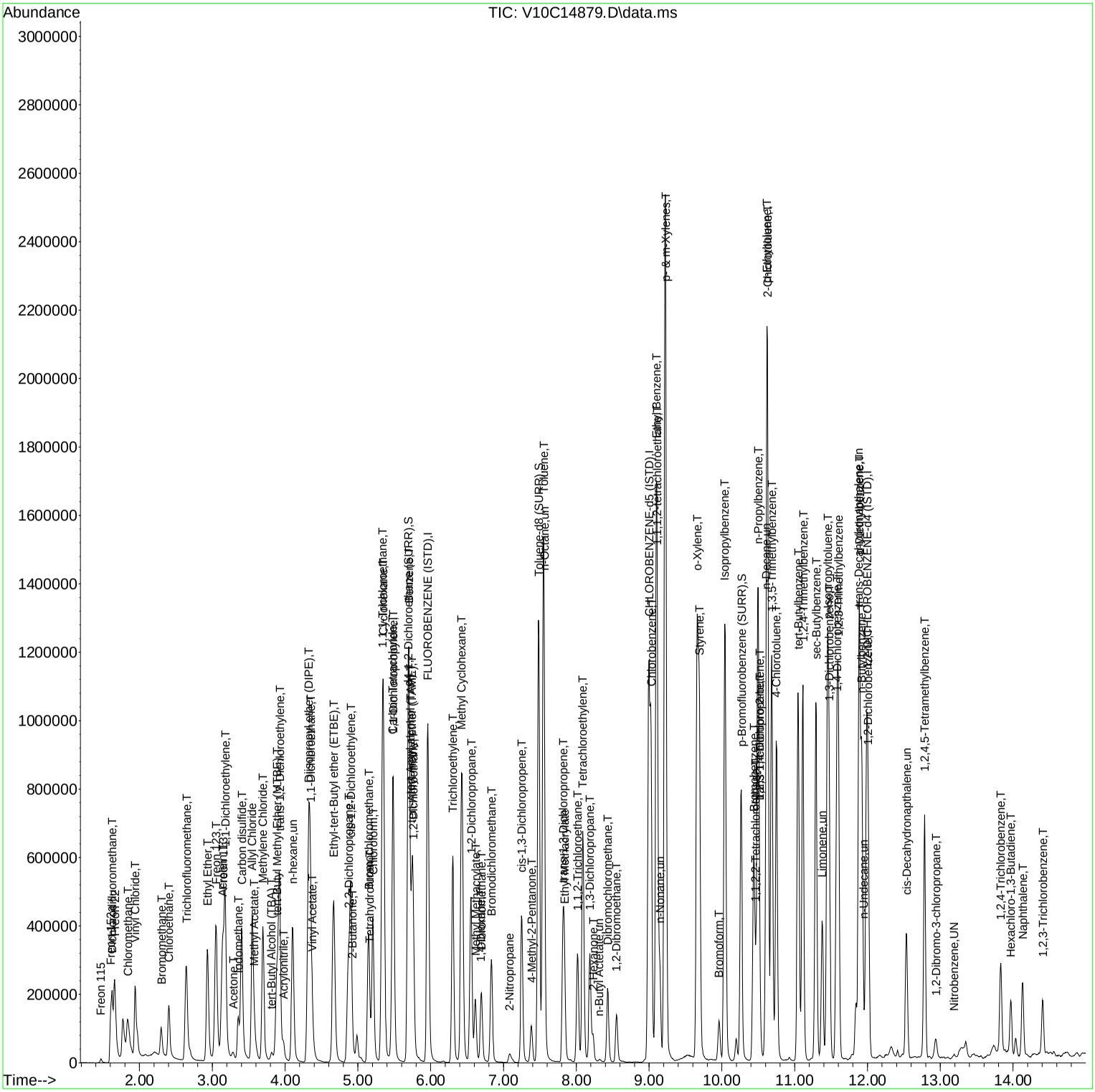
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.540	138	75207	8.60	ppb	#	93
107) 1,2-Dibromo-3-chloropr...	12.936	75	14451	11.56	ppb		87
108) 1,2,4,5-Tetramethylben...	12.783	119	479470	9.83	ppb		98
109) Nitrobenzene	13.192	77	4959	11.90	ppb		91
110) 1,2,4-Trichlorobenzene	13.832	180	105049	10.24	ppb		99
111) Hexachloro-1,3-Butadiene	13.966	225	43403	8.05	ppb		98
112) Naphthalene	14.131	128	215916	12.47	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	64456	10.92	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14879.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:29 pm
Operator : PMB
Sample : BH52261-BS1
Misc : 8260 Multiplr: 1.00
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InstName : VOA No. 10
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Quant Time: Sep 02 08:21:21 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C14880.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:57 pm
Operator : PMB
Sample : BH52261-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 62
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:24 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	111993	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	158073	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	270273	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	196835	9.79	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 97.90%				
59) Toluene-d8 (SURR)	7.479	98	1069781	9.89	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.90%				
81) p-Bromofluorobenzene (...	10.259	95	339957	10.28	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 102.80%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	5194	3.12	ppb		97
3) Freon 152a	1.604	51	166036	8.54	ppb		92
4) Dichlorodifluoromethane	1.628	85	131755	5.18	ppb		99
5) Freon 22	1.657	51	415960	15.75	ppb		99
6) Chloromethane	1.840	50	185937	7.75	ppb		98
7) Vinyl Chloride	1.938	62	254225	9.03	ppb		95
8) Bromomethane	2.297	94	81989	8.53	ppb		99
9) Chloroethane	2.401	64	193559	10.88	ppb		95
10) Trichlorofluoromethane	2.645	101	327066	9.67	ppb		100
11) Ethyl Ether	2.931	59	251298	20.49	ppb		98
13) Freon 123	3.053	83	363193	11.14	ppb		99
14) 1,1-Dichloroethylene	3.175	61	361589	10.82	ppb		100
15) Freon 113	3.145	101	226727	10.24	ppb		99
16) Acrolein	3.133	56	17033	12.50	ppb		91
17) Acetone	3.285	58	9650	9.89	ppb		92
18) Iodomethane	3.358	142	221638	12.31	ppb		97
19) Carbon disulfide	3.401	76	689883	10.56	ppb		100
20) Allyl Chloride	3.547	41	395401	12.15	ppb		92
21) Methyl Acetate	3.578	43	118116	18.81	ppb		94
22) tert-Butyl Alcohol (TBA)	3.815	59	40802	54.03	ppb		97
23) Methylene Chloride	3.693	49	285328	10.22	ppb		100
24) Acrylonitrile	3.974	53	35528	12.08	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	355689	11.16	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	411542	11.72	ppb		97
27) n-hexane	4.102	57	282851	6.91	ppb		99
28) 1,1-Dichloroethane	4.346	63	460984	10.34	ppb		100
29) Vinyl Acetate	4.376	86	22013	9.91	ppb		95
30) Diisopropyl ether (DIPE)	4.321	45	744081	10.99	ppb		98
31) Ethyl-tert-Butyl ether...	4.669	59	571601	10.84	ppb		97
32) cis-1,2-Dichloroethylene	4.901	61	379577	10.47	ppb		96
33) 2-Butanone	4.919	72	11960	10.13	ppb		81
34) 2,2-Dichloropropane	4.870	77	293188	8.88	ppb		96
35) Tetrahydrofuran	5.169	71	10687	10.87	ppb		93
36) Bromochloromethane	5.144	49	159847	10.63	ppb		91
37) Chloroform	5.205	83	395374	10.09	ppb		99
38) 1,1,1-Trichloroethane	5.333	97	357773	10.26	ppb		98
39) Cyclohexane	5.346	56	514831	10.22	ppb		98
40) 1,1-Dichloropropylene	5.486	75	342944	9.44	ppb		96
42) Carbon Tetrachloride	5.480	117	288897	10.06	ppb		100
43) tert-Amyl alcohol (TAA)	5.718	59	74480	100.51	ppb	#	30
44) 1,2-Dichloroethane	5.760	62	201176	10.09	ppb		100

Data File : V10C14880.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:57 pm
Operator : PMB
Sample : BH52261-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 62
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:24 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Benzene	5.699	78	1094457	10.52	ppb		99
46)	tert-Amyl methyl ether...	5.742	73	519600	11.24	ppb		100
48)	Trichloroethylene	6.303	95	256918	9.63	ppb		99
49)	Methyl Cyclohexane	6.425	83	491645	9.71	ppb		82
50)	Methyl Methacrylate	6.614	69	86789	11.64	ppb		95
51)	Dibromomethane	6.693	93	85714	10.25	ppb		97
52)	Bromodichloromethane	6.833	83	250527	10.02	ppb		99
53)	1,2-Dichloropropane	6.553	63	248985	10.33	ppb		100
54)	1,4-Dioxane	6.687	88	21177	224.85	ppb		97
55)	2-Nitropropane	7.089	43	22826	10.04	ppb		98
57)	cis-1,3-Dichloropropene	7.248	75	321787	10.46	ppb		98
58)	4-Methyl-2-Pentanone	7.382	43	88739	10.86	ppb	#	99
60)	Toluene	7.546	91	1156853	10.32	ppb		100
61)	n-Octane	7.553	85	107641	7.60	ppb		94
62)	Ethyl Methacrylate	7.839	69	167926	10.55	ppb		93
63)	trans-1,3-Dichloropropene	7.821	75	233316	10.57	ppb		99
64)	1,1,2-Trichloroethane	8.016	97	132639	10.55	ppb		95
65)	1,3-Dichloropropane	8.187	76	236571	10.28	ppb		97
66)	Tetrachloroethylene	8.089	166	271651	6.67	ppb		100
67)	2-Hexanone	8.229	43	57275	10.66	ppb		98
68)	n-Butyl Actetate	8.321	43	5888	0.41	ppb	#	92
69)	Dibromochloromethane	8.430	129	143484	10.47	ppb		99
70)	1,2-Dibromoethane	8.552	107	118712	10.81	ppb		100
71)	Chlorobenzene	9.022	112	647224	10.23	ppb		98
72)	1,1,1,2-tetrachloroethane	9.113	131	187804	10.18	ppb		99
73)	n-Nonane	9.144	57	103091	7.50	ppb		97
74)	Ethyl Benzene	9.101	91	1278256	10.37	ppb		100
75)	p- & m-Xylenes	9.223	91	1881038	20.86	ppb		99
76)	o-Xylene	9.662	91	913723	10.76	ppb		99
77)	Styrene	9.686	104	680224	10.31	ppb		98
78)	Bromoform	9.961	173	68898	11.07	ppb		100
80)	Isopropylbenzene	10.040	105	1163879	10.18	ppb		99
82)	1,1,2,2-Tetrachloroethane	10.460	83	129613	10.85	ppb		99
83)	Bromobenzene	10.436	77	341816	9.92	ppb		96
84)	trans-1,4-Dichloro-2-b...	10.515	75	118297	9.79	ppb		95
85)	1,2,3-Trichloropropane	10.515	110	33732	10.47	ppb		100
86)	n-Propylbenzene	10.497	91	1324041	9.93	ppb		99
87)	n-Decane	10.601	57	91222	6.36	ppb		97
88)	p-Ethyltoluene	10.619	105	1094819	10.29	ppb		99
89)	1,3,5-Trimethylbenzene	10.686	105	816852	10.10	ppb		98
90)	2-Chlorotoluene	10.625	91	811521	9.96	ppb		98
91)	4-Chlorotoluene	10.747	91	709267	10.18	ppb		99
92)	tert-Butylbenzene	11.046	119	697969	9.98	ppb		99
93)	1,2,4-Trimethylbenzene	11.113	105	786503	10.33	ppb		99
94)	sec-Butylbenzene	11.290	105	978504	9.83	ppb		99
95)	Limonene	11.375	68	139493	6.06	ppb		98
96)	1,3-Dichlorobenzene	11.472	146	380469	9.92	ppb		99
97)	p-Isopropyltoluene	11.448	119	798355	9.80	ppb		99
98)	1,4-Dichlorobenzene	11.576	146	377061	10.07	ppb		98
99)	1,2,3-Trimethylbenzene	11.601	105	734331	10.35	ppb		99
100)	p-Diethylbenzene	11.887	105	387137	9.71	ppb		98
101)	trans-Decahydronapthalene	11.881	138	92521	8.22	ppb		96
102)	1,2-Dichlorobenzene	12.009	146	307852	10.11	ppb		99
103)	n-Butylbenzene	11.918	91	722781	9.44	ppb		99
105)	n-Undecane	11.942	71	37725	8.23	ppb		90

Quantitation Report (QT Reviewed)

Data File : V10C14880.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:57 pm
Operator : PMB
Sample : BH52261-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 62
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:24 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration

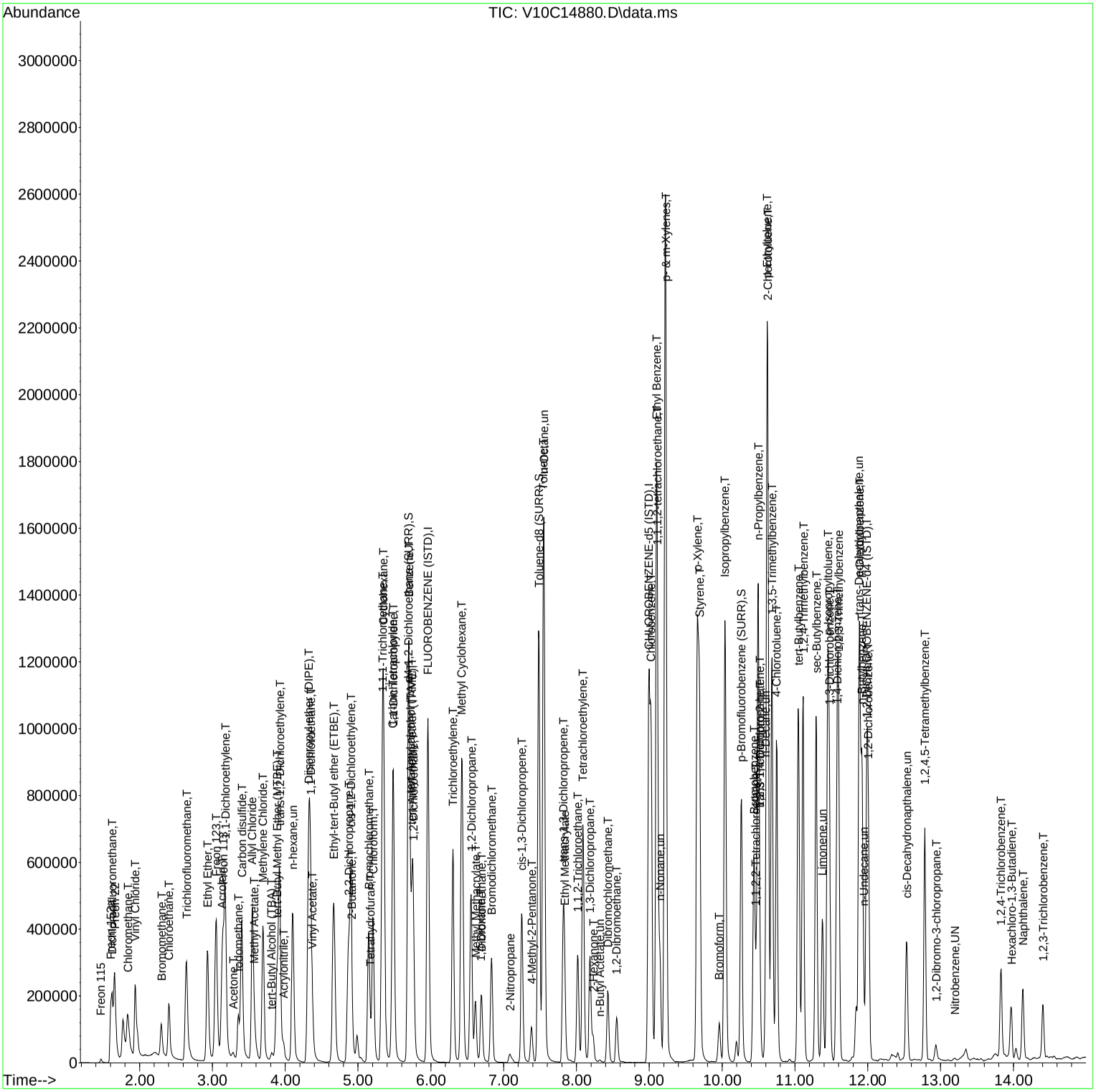
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	71243	8.45	ppb	#	95
107) 1,2-Dibromo-3-chloropr...	12.936	75	13839	11.48	ppb		89
108) 1,2,4,5-Tetramethylben...	12.783	119	474556	10.09	ppb		99
109) Nitrobenzene	13.198	77	4398	10.94	ppb		93
110) 1,2,4-Trichlorobenzene	13.832	180	105778	10.68	ppb		97
111) Hexachloro-1,3-Butadiene	13.972	225	41781	8.03	ppb		99
112) Naphthalene	14.130	128	208999	12.52	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	63172	11.09	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C14880.D
Data Path : C:\msdchem\1\data\V10-08-30-2025\
Acq On : 30 Aug 2025 10:57 pm
Operator : PMB
Sample : BH52261-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 62
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 02 08:21:24 2025
QMeth File : V10-8260D-UP-R082725.M
Quant Method : C:\msdchem\1\methods\V10-8260D-UP-R082725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Aug 27 22:45:15 2025
Response via : Initial Calibration



BENCHSHEETS

SDG: 25H1840

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BH52261

Preparation Date: 08/30/2025 09:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25H1840-01 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-02 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-03 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-04 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-05 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-06 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
25H1840-07 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
BH52261-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND		
BH52261-BS1	VOA, 8260 LOW MASTER	25	25	S25G541	10					<2	ND		
BH52261-BSD1	VOA, 8260 LOW MASTER	25	25	S25G541	10					<2	ND		
BH52261-MS1	VOA, 8260 LOW MASTER	25	25	S25G541	10			25H1840-04		<2	ND		25H1840-04 B
BH52261-MSD1	VOA, 8260 LOW MASTER	25	25	S25G541	10			25H1840-04		<2	ND		25H1840-04 C

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25G541	VOA - ICV/LCS/MS Static WATERS @ 10 ppb w/ suffolk	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel **Date:** **11/11/2022 08:27**

AMXconsult, LLC

AMXconsult, LLC
155 Birch Road
Storrs, CT 06268
Tel: +1-860-942-2881

October 24, 2025

Paul Matli, PhD, PG
Vice President
Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001
pmatli@hydrotechenvironmental.com

RE: 230051 - 170 Freeman Street DUSR

Dear Mr. Matli:

AMXconsult, LLC (AMX) is pleased to submit this Data Usability Summary Report (DUSR) and Quality Assurance Validation for the subject project (230051 - 170 Freeman Street, Brooklyn, NY). The data validation was performed under Category B guidelines.

An overall assessment of the data package provided by the laboratory for SDG#25I1726 indicates acceptable laboratory performances based on the guidelines in the USEPA National Functional Guidelines and the method and QC Criteria specified in NYSDEC ASP documents. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA and SW-846 Methods. With respect to data usability and completeness, the issues listed in the data usability assessment summary (Page 11) should be taken into consideration with respect to biases identified during data validation. Minor impacts on data usability have been noted.

Sincerely,

M. Amine Dahmani, Ph.D.
Principal

DATA USABILITY SUMMARY REPORT

For:

Hydrotech Environmental
231 West 29th Street, Suite 1104
New York, New York 10001

YORK Laboratory SDG#25I1726

Project Location: 230051 - 170 Freeman Street, Brooklyn, NY

By:

Amine Dahmani, Ph.D.
Principal

October 24, 2025

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LIST OF ACRONYMS

This is a comprehensive list of acronyms used for Organic and Inorganic Data Validation. Some of the acronyms and terms were used in this report, as appropriate.

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (volatile instrument performance check)
BNA	Base/Neutral/Acid
CARD	CLP Analytical Results Database
CCB	Continuing Calibration Blank
CCCs	Calibration Check Compounds
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CLP	Contract Laboratory Program
CN	Cyanide
COC	Chain of Custody
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
CV	Cold Vapor
%D	Percent Difference
DAS	Delivery of Analytical Services
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl (Pesticide/PCB/ surrogate compound)
DFTPP	Decafluorotriphenylphosphine (semivolatile instrument performance check)
DSF	Data Summary Form
DVA	Data Validation Assessment
ECD	Electron-Capture Detector
EICP	Extended Ion Current Profile
EPA	United States Environmental Protection Agency
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/EC	Gas Chromatography/Electron Capture
GC/MS	Gas Chromatography/Mass Spectra

GPC Gel Permeation Chromatography (Clean Up)
ICAL Initial Calibration
ICB Initial Calibration Blank
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification
IDL Instrument Detection Limit
IRDA Inorganic Regional Data Assessment
IS Internal Standard
LCS Laboratory Control Sample
LCL Lower Control Limit
MCL Maximum Contamination Level
MDL Method Detection Limit
MS/MSD Matrix Spike/Matrix Spike Duplicate
m/z The ratio of mass (m) to charge (z) of ions measured by GC/MS OADS Organic Analysis Data Sheet (Form 1)
ORDA Organic Regional Data Assessment
PB Preparation Blank
PCB Poly Chlorinated Biphenyl
PEM Performance Evaluation Mixture
PFAS Polyfluorinated Alkyl Substances (PFAS analytes are listed below)
PRP Potential Responsible Party
QA/QC Quality Assurance/Quality Control
QAPjP Quality Assurance Project Plan
QC Quality Control
%R Percent Recovery of spiked amount
RAS Routine Analytical Services
RF Response Factor
RIC Reconstructed Ion Chromatogram
RPD Relative Percent Difference
RRF Relative Response Factor
RSD Relative Standard Deviation
RT Retention Time
RTW Retention Time Window
SDG Sample Delivery Group
SMC System Monitoring Compound
SMO Sample Management Office
SOP Standard Operation Procedures
SOW Statement of Work
SPCCs System Performance Check Compounds
SSL Samples Shipping Log
SVOA Semi-volatile Organic Analyte

TAL	Target Analyte List
TCL	Target Compound List
TCX	Tetrachloro-m-Xylene (Pesticide/PCB surrogate compound)
TIC	Tentatively Identified Compound
TPH	Total Petroleum Hydrocarbons
TR	Traffic Report
UCL	Upper Control Limit
VOA	Volatile Organic Analyte
VTSR	Validated Time of Sample Receipt

LIST OF TERMS

Associated Samples: Any sample related to a particular QC analysis.

Case: A finite, usually predetermined number of samples collected over a given time period for a particular site. A Case consists of one or more Sample Delivery Group(s).

Continuing Calibration Blank (CCB): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Continuing Calibration Verification (CCV): A deionized water sample run every ten (10) samples designed to detect any carryover contamination.

Contract Compliance Screening (CCS): A process in which the SMO inspects the data for contractual compliance and provides EMSL-LV laboratories and the Regions with their findings.

Contractual Holding Time: The time from VTSR (validated time of sample receipt) to laboratory extraction and /or analysis

Data Validation Qualifier (DVQ): This refers to the column on the data summary form in which EPA Region III and other qualifiers have been placed by the data validator.

Data Validation Result (DVR): This refers to the column on the data summary form used to report results that have been modified by the data validator. A result in the DVR column that is qualified "U" indicates a modification of the reporting limit.

Field Blank Field blanks are intended to identify contaminants that may have been introduced in the field. Examples are rinsate blank (RB), field blanks (FB) and trip blank (TB).

Field Duplicate: A duplicate sample generated in the field; not in the laboratory.

Initial Calibration (ICAL): The establishment of a calibration curve with the appropriate number of standards and concentration ranges. The calibration curve plots absorbances and/or emissions versus concentration of the standards.

Initial Calibration Blank (ICB): First blank run after the calibration curve.

Initial Calibration Verification (ICV): First standard run after the calibration curve.

Matrix Spike/Matrix Spike Duplicate (MS/MSD): Introduction of a known concentration of a compound into a sample to provide information about the effect of sample matrix on the extraction and/or measurement methodology.

Post Digestion Spike: The addition of known amount of standard after digestion. (Also identified as analytical spike, or spike, for furnace analyses).

Preparation Blank (PB): Blank taken through the digestion process to detect internal laboratory contamination.

Performance Evaluation Mixture: A standard used to verify that the ICAL sequence is stable throughout the GC or GC/MS analyses.

Sample Delivery Group (SDG): Defined by one of the following, whichever occurs first:
- case of sample
- each twenty field samples in a case or
- each 14-day calendar period during which field samples in a case are received, beginning with the receipt of the first sample in the SDG.

Serial Dilution: A sample run at a specific dilution to determine whether any significant chemical or physical interferences exist due to sample matrix effect, for ICP only.

Technical Holding Time: The time from sample collection to laboratory extraction and /or analysis.

LIST OF VALIDATION QUALIFIERS

The qualifiers are listed in the QA/QC Reviews for USEPA Region II. They were used in this data usability summary report (DUSR). The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

U	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	Not detected, quantitation limit may be inaccurate or imprecise.

1.0 DATA USABILITY AND VALIDATION PARAMETERS, SOPs

NYSDEC DATA USABILITY SUMMARY PARAMETERS

The parameters listed below were used for the data usability summary report (DUSR) evaluation.

- Samples Handling
- Data Validation References
- Laboratory Data Packages
- Laboratory Analytical Methods
- Data Usability Assessment Summary

DATA VALIDATION SUMMARY PARAMETERS

The parameters listed below were used for data validation evaluation:

- Data Completeness
- Sample Holding Times
- Chromatographic Criteria
- Gas Chromatography/Mass Spectrometry (GC/MS) Tuning and Mass Calibration
- Initial and Continuing Calibration Verifications (ICV and CCV)
- Method Blank Verification (BLK)
- Surrogate Recoveries (SR)
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards/Labeled Compounds (IS)
- Laboratory and Field duplicates (DUP)
- Quantitation Limits and Data Assessment
- Target Analyte Identification
- Target Analyte Quantitation

DATA VALIDATION STANDARD OPERATING PROCEDURES (SOPs)

Region 2 Quality Assurance Guidance and Standard Operating Procedures:

- USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data; QA-HWSS-A-004; March 2022.
- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW 846 -Method 8260B and 8260C, SOP HWSS - 24, Revision 4; October 2014.

2.0 DATA VALIDATION REPORT NARRATIVE

2.1 NYSDEC Data Usability Summary Report (SDG#25I1726)

Site Location: 23005 - 170 Freeman St Brooklyn, NY
Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: One groundwater sample, one water sample (trip blank)
Sampling Date: 09/25/2025
Laboratory SDG#: 25I1726
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 10/24/2025

SAMPLE HANDLING

Based on the Chain of Custody (COC), the samples listed below were received on 09/25/2025 at 21:15 with an acceptable temperature of 3.7 °C. The samples were received intact in one cooler. No compromised vials, missing labels, or other issues were noted. The appropriate sample containers were used, consistent with the Sample Integrity and Preservation section of USEPA SW-846 method 8260D.

The COC includes an appropriate record of site location, client and project information, field sampling information (sampler, sample collection date and time), sample identification and matrix, preservation, required analysis, deliverables, turnaround time, regulatory comparison and sample custody management.

Laboratory Sample Identification	Client Sample Identification
25I1726-01	MW-9 20250925
25I1726-02	TB (20250925)

DATA VALIDATION REFERENCES

The VOC data validation was conducted in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA 540-R-2017-002; January 2017), the USEPA Region 2 Standard Operating Procedure for the Validation of Volatile Data (QA-HWSS-A-004; March 2022), and the method and QC Criteria specified in NYSDEC ASP Documents.

LABORATORY DATA PACKAGE

The laboratory data package for SDG#25I1726 is satisfactory with respect to pagination, quality control narratives and completeness. The package included the laboratory quality assurance summary report, quality control summary data, sample non-conformance summaries, the data package forms and tables in accordance with the NYSDEC ASP B deliverable requirements. The instrument tuning information, sample preparation and analysis batch and all associated standard, quality control and sample raw data were provided.

LABORATORY ANALYTICAL METHODS

The quality assurance criteria listed in the laboratory data package indicate with a high degree of certainty the laboratory's compliance with procedures set forth in the analytical method (USEPA SW-846 Method 8260D) listed in the chain of custody. No deviation from the method was noted.

DATA USABILITY ASSESSMENT SUMMARY

An overall assessment of the data package provided by the laboratory for SDG#25I1726 indicates acceptable laboratory performances of the required SW-846 Method 8260D. All samples were successfully analyzed for all target compounds in accordance with the Quality Assurance/Quality Control (QA/QC) requirements for USEPA SW-846 Method 8260D. With respect to data usability and completeness, the issues listed in the table below should be taken into consideration with respect to biases identified during data validation. Refer to the Data Validation Assessment section for the technical evaluation that supports the Data Usability Assessment (DUA) presented in the table below.

Volatile Organic Compounds – SW846 8260D Method

	Data Usability Assessment *(Refer to the Data Validation Assessment (DVA) of the specific method for technical arguments)*	**DVA Reference**
1	The detected results of cis-1,2- Dichloroethylene in sample 25I1726-01 and Acetone in sample 25I1726-02 should be qualified Estimated (J).	**BLK**
2	The detected result for Tetrachloroethylene in sample 25I1726-01 should be qualified Estimated biased low (J-).	**CCV, LCS/LCSD**

2.2 Data Validation Assessment (SDG#25I1726)

Data Validation for Analytical Method: Volatile Organics (SW 846 Method 8260D)
Analytical Laboratory: York Analytical Laboratories, Inc.
Number of Samples & Matrices: One groundwater sample, one water sample (trip blank)
Sampling Date: 09/25/2025
Laboratory SDG#: 25I1726
Data Validation Reviewer: Amine Dahmani, Ph.D.
Data Validation completed on: 10/24/2025

DATA COMPLETENESS

The data deliverable package is considered complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

HOLDING TIME

No Holding Time exceedances were noted. The samples were analyzed within the method holding times as recommended by SW846 Method 8260.

CHROMATOGRAPHIC CRITERIA

The laboratory data package, including standards, quality control samples and field sample analyses raw data (data reduction and chromatograms), shows compliance with the chromatographic criteria set forth in SW846 Method 8260D.

GC/MS TUNING AND MASS CALIBRATION

The standard tuning criteria were within control limits as outlined in the SW846 Method 8260D.

INITIAL CALIBRATION VERIFICATION (ICV)

The laboratory data of the initial calibration standards have been evaluated for compliance with the method criteria for Average Response Factors (RRFs), Percent Relative Standard Deviations (%RSDs), and the coefficient of determination COD (as needed). The method calibration criteria are as follows:

- Average RRFs must be greater than the required values and at least greater than 0.01 for all target compounds and >0.001 for 1,4 Dioxane.
- %RSD must be less than 20%.
- The coefficient of determination (COD) must be greater than 0.995.

The evaluation of the data indicates the following:

Calibration SI50025 (Instrument VOA No. 10): For the initial calibration reference, the average RRFs, %RSDs and the coefficient of determination (COD), for reported target compounds were in compliance with the method calibration criteria.

The Initial Calibration Verification - Second-Source Calibration Check (Lab ID#S5I1802-SCV1) results indicate %Ds for Dichlorodifluoromethane (-39.6%) was above the QC limit of 30.

No action is required when less than 20% of the calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Calibration SI50030 (Instrument VOA No. 8): For the initial calibration reference, the average RRFs, %RSDs and the coefficient of determination (COD), for reported target compounds were in compliance with the method calibration criteria.

The Initial Calibration Verification - Second-Source Calibration Check (Lab ID#S5I1904-SCV1) results indicate %Ds for Dichlorodifluoromethane (-50.3%), Methyl Acetate (31.9%) and tert-Butyl alcohol (TBA) (-50.8%) were above the QC limit of 30.

No action is required when less than 20% of the calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Assessment: No action required.

CONTINUING CALIBRATION VERIFICATION

The laboratory data of the continuing calibration standards have been evaluated for compliance with the method criteria for required frequency, Relative Response Factor (RRFs) and Percent Difference (%Ds). The evaluation of the data indicates the following:

Calibration SI50025 (Instrument VOA No. 10): The continuing calibration reference sample S5J0112-CCV1 met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), except for %Ds of 2-Butanone, Acetone, Methylene Chloride, TBA and Tetrachloroethylene that were above the QC limit of 20. Associated sample 25I1726-01.

The continuing calibration reference sample S5J0206-CCV1 met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), except for %Ds of 2-Butanone, Chloromethane, Dichlorodifluoromethane and TBA that were above the QC limit of 20.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Calibration SI50030 (Instrument VOA No. 8): The continuing calibration reference sample S5I3013-CCV1 met the required criteria for Relative Response Factor (RRFs) and Percent Difference (%Ds), except for %Ds of Acetone, Bromoform, Methylcyclohexane, n- Butylbenzene, p- & m- Xylenes, p-Isopropyltoluene, sec-Butylbenzene, Styrene and trans-1,3- Dichloropropylene that were above the QC limit of 20. Associated sample 25I1726-02.

No action is required when less than 20% of the continuing calibration target compounds are outside the method control limits, provided no Average Relative Response Factor (RRFs) is less than 0.01 for all target compounds.

Quality Assessment: The detected result for Tetrachloroethylene in sample 25I1726-01 should be qualified Estimated (J).

METHOD BLANK VERIFICATION (BLK)

Method Blank results indicate the following:

1,2,3-Trichlorobenzene, cis-1,2- Dichloroethylene and Methylene Chloride were detected in blank sample BJ50090-BLK1. 1,2,3-Trichlorobenzene and Methylene Chloride were detected in blank sample BJ50044-BLK1. Associated sample 25I1726-01.

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Acetone, Ethylbenzene, o-Xylene, p&m-Xylenes, and total Xylenes were detected in blank sample BI52027-BLK1. Associated sample 25I1726-02.

Quality Assessment: The detected results of cis-1,2- Dichloroethylene in sample 25I1726-01 and Acetone in sample 25I1726-02 should be qualified Estimated (J).

SURROGATE RECOVERIES (SR)

Surrogate Recoveries for all samples were within method control limits except for sample 25I1726-02. Surrogate Toluene-d8 recovery (119%) was above acceptance criteria (biased high).

Quality Assessment: No action is required.

INTERNAL STANDARD AREA SUMMARY (IS)

No Internal Standards issues were encountered. The internal standard retention times and the internal standard areas were within method control limits.

Quality Assessment: No action is required.

LABORATORY CONTROL SAMPLE (LCS)

The laboratory control samples (LCS) in the dataset have been evaluated for method compliance (Percent Recoveries: %Rs and Relative Percent Difference: %RPDs). The results indicate the following:

LCS sample BI52044-BS1 and LCS Dup sample BI52044-BSD1: Associated sample 25I1726-01: The %R for all target volatiles were within control limits except for Acrolein (183%/158%, biased high), Methyl acetate (LCS/LCSD of 139%/77.2%), Tetrachloroethylene (LCS/LCSD of 74.2%/81.2%, biased low), Chloroethane (LCSD of 142%, biased high), Chloromethane (RPD of 20.2%), Dichlorodifluoromethane (RPD of 42.3%), TBA (RPD of 53.6%).

LCS sample BI52027-BS1 and LCS Dup sample BI52027-BSD1: Associated sample 25I1726-02: The %R for all target volatiles were within control limits except for Acrolein (185%/192%, biased high), Methyl acetate (LCS/LCSD of 146%/146%, biased high), trans-1,2-Dichloroethylene (LCS/LCSD of 77.8%/79.9%, biased low), 1,1-Dichloroethane (LCS of 81.1%, biased low), Benzene (LCS of 84%, biased low), and Chloroform (LCS of 80.4%, biased low).

Quality Assessment: The detected result for Tetrachloroethylene in sample 25I1726-01 should be qualified Estimated biased low (J-).

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE (MS/MSD)

As required by the method QA/QC criteria, the MS/MSD in a designated sample listed in this data set has been evaluated for method compliance purposes.

MS/MSD samples BI52044-MS1/MS1D (source sample 25I1726-01) were analyzed in this sample set.

The MS/MSD %Rs for Methyl Acetate, 2-Butanone, Acrolein and Chloroethane were above the method acceptance criteria. The MS %Rs were above the method acceptance criteria for 1,1,1-Trichloroethane, 1,2-Dibromoethane, Bromochloromethane, Chloroform, cis-1,2-Dichloroethylene and Dibromomethane. The RPD was above method criteria for Bromomethane and TBA. The compounds were not detected in associated sample 25I1726-01.

Quality Assessment: No action is required.

TARGET ANALYTE IDENTIFICATION

Target compounds, internal standards and surrogates were checked and found to be within the gas chromatograph/mass spectrometry (GCMS) method quantitation limits and in accordance with SW846 Method 8260D for mass spectra identification and quantification using both the primary and secondary ions as defined in the method.

TARGET ANALYTE QUANTIFICATION

Target compounds were quantitated using the appropriate method calculation criteria in accordance with SW846 Method 8260D procedures and guidelines.

Note: All associated QC forms, tables, chromatograms for the method for this SDG are presented in Appendices A&B.

APPENDIX A

DATA VALIDATION ASSESSMENT SUPPORT FILES

Analytical Batch Summary

Batch ID: BI52027 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-02	TB (20250925)	09/29/25
BI52027-BLK1	Blank	09/29/25
BI52027-BS1	LCS	09/29/25
BI52027-BSD1	LCS Dup	09/29/25

Batch ID: BI52044 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01	MW-9 20250925	09/29/25
BI52044-BLK1	Blank	09/29/25
BI52044-BS1	LCS	09/29/25
BI52044-BSD1	LCS Dup	09/29/25
BI52044-MS1	Matrix Spike	09/29/25
BI52044-MSD1	Matrix Spike Dup	09/29/25

Batch ID: BJ50090 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01RE1	MW-9 20250925	10/01/25
BJ50090-BLK1	Blank	10/01/25
BJ50090-BS1	LCS	10/01/25
BJ50090-BSD1	LCS Dup	10/01/25

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 25I1726

Samples Received: 09/25/2025 21:15 **By:** Jorge A Cardona Varga **Logged In:** 09/25/2025 13:54 **By:** Carolina Fernandez

Sample Conditions:

- [ ] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [x] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
25I1726-01	EPA 5030B	09/29/2025 7:26	09/29/2025 7:26	Stephanie C. Brathwaite
25I1726-01RE1	EPA 5030B	10/01/2025 7:00	10/01/2025 7:00	Stephanie C. Brathwaite
25I1726-02	EPA 5030B	09/29/2025 7:00	09/29/2025 7:00	Stephanie C. Brathwaite

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
25I1726-01	VOA, 8260 LOW MASTER	09/29/2025 7:26	09/30/2025 6:52	Palak M. Bhavsar
25I1726-01RE1	VOA, 8260 LOW MASTER	10/01/2025 7:00	10/02/2025 5:11	Palak M. Bhavsar
25I1726-02	VOA, 8260 LOW MASTER	09/29/2025 7:00	09/29/2025 16:31	Palak M. Bhavsar

Field Chain-of-Custody Record

ALS Project Number: 25I1726

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | 2161 Whitesville Rd Toms River, NJ 08755 | clientservices@yorklab.com | 800-306-YORK | 800-306-9675

Report To:	Invoice To:	YOUR Project Name / Number
Company: Hydrotech Environmental	Company:	230051 - 70 Freeman st Brooklyn
Address: 231 West 29th street New York, NY	Address: SAME	PO Number: 53198
Phone.: 6 31 24 7565	Phone.:	
Contact: Paul Rabi	Contact:	
E-mail:	E-mail:	
mail@hydrotechenvironmental.com		

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY ✓ | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) ✓ | PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) NYSDEC GQS

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	Analyses Requested: CP51 8260	Grab or Comp.
MW-9 MS/MSD (20250925)	9/25/25	9:55 AM	GW	✓										2	G/C
TB (20250925)	9/25/25	9:45 AM	DI											2	

Field Filtered | Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N ~~N~~ | Containers Intact: ~~Y~~ / N | COC/Labels Agree: ~~Y~~ / N | Preservation Confirmed: ~~Y~~ / N
COC Complete: ~~Y~~ / N | COC Received: ~~Y~~ / N | Appropriate Sample Volumes: ~~Y~~ / N | Appropriate Sample Containers: ~~Y~~ / N
Cooler Temperature Confirmed: ~~Y~~ / N | Samples Submitted within Holding Times: ~~Y~~ / N | Corrective Action Form Required: Y / ~~N~~

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Marie Rose Faud.	9/25/2025 1935 FedEx	ALS	9/25/25 1125	ALS	9/25/25 1440
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
ALS	9/25/25 1440	ALS	9/25/25 18:45	ALS	9/25/25 18:45
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
ALS	9/25/25 21:15			Nicole For Jorge C.	09/25/25 21:15 / 3.7 Degrees C

GC/MS 8260
Analysis

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50025
Instrument: VOA No. 10
Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.9481375	7.167759	9.113	3.526284E-02			20	
1,1,1-Trichloroethane	2.723709	4.326656	5.336875	6.376076E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.54115	5.194032	10.46325	3.343506E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.722982	5.304684	3.145	1.832063E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.6852715	6.161395	8.01675	3.399336E-02			SPCC (0.1)	
1,1-Dichloroethane	3.905431	4.810392	4.346	1.756087E-02			SPCC (0.2)	
1,1-Dichloroethylene	3.179474	4.938263	3.175375	1.705508E-02			SPCC (0.1)	
1,1-Dichloropropylene	3.018768	4.741022	5.486	1.319671E-02			20	
1,2,3-Trichlorobenzene	0.1454233	13.68177	14.40575	2.360642E-03			20	
1,2,3-Trichloropropane	0.1397771	7.952719	10.5115	4.463912E-02			20	
1,2,3-Trimethylbenzene	2.896556	5.592116	11.59937	1.811352E-02			20	
1,2,4,5-Tetramethylbenzene	1.71827	12.00879	12.783	1.033462E-02			20	
1,2,4-Trichlorobenzene	0.2980927	11.19808	13.832	7.21194E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.147818	5.158466	11.113	1.692815E-02			20	
1,2-Dibromo-3-chloropropane	5.499377E-02	12.18969	12.9345	2.977696E-02			SPCC (0.05)	
1,2-Dibromoethane	0.5960318	5.64153	8.55325	2.674314E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.121546	4.984329	12.009	1.522872E-02			SPCC (0.4)	
1,2-Dichloroethane	1.756381	9.138489	5.76	2.473489E-02			SPCC (0.1)	
1,2-Dichloropropane	1.500576	4.708996	6.55225	2.525809E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.351034	4.078223	10.683	2.883227E-02			20	
1,3-Dichlorobenzene	1.420848	5.078685	11.473	1.916547E-02			SPCC (0.6)	
1,3-Dichloropropane	1.380837	6.208229	8.187	2.473274E-02			20	
1,4-Dichlorobenzene	1.387093	5.090921	11.576	1.660733E-02			SPCC (0.5)	
1,4-Dioxane	5.38452E-03	10.47812	6.687	4.246423E-02			20	
2,2-Dichloropropane	2.707158	4.927549	4.87	2.106521E-02			20	
2-Butanone	9.368831E-02	10.52669	4.9295	0.1076362			SPCC (0.1)	
2-Chloroethylvinyl ether	0.0145797	53.7025	7.096143	0.0823633			20	*
2-Chlorotoluene	3.506167	5.410623	10.62575	1.950598E-02			20	
2-Hexanone	0.34855	8.93991	8.228375	5.291133E-02			SPCC (0.1)	
2-Nitropropane	0.1572215	11.67328	7.0848	4.239344E-02			20	
4-Chlorotoluene	3.026292	3.879272	10.7485	2.202126E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.5336699	9.768407	7.382	8.715368E-03			SPCC (0.1)	
Acetone	0.1177011	30.64349	3.2835	0.1291442		0.9990804	SPCC (0.1)	
Acrolein	0.1247131	17.13422	3.1354	9.910924E-02			20	
Acrylonitrile	0.3093702	7.235601	3.9746	4.845086E-02			20	
Allyl chloride	3.711289	6.467074	3.54775	5.792697E-02			20	
Benzene	8.337071	5.031333	5.69825	3.716899E-02			SPCC (0.5)	
Bromobenzene	1.573778	5.229833	10.436	1.420141E-02			20	
Bromochloromethane	1.384085	7.51619	5.144875	1.828674E-02			20	
Bromodichloromethane	1.470659	5.142095	6.8315	4.008155E-02			SPCC (0.2)	
Bromoform	0.3056808	14.25539	9.96025	1.155763E-02			SPCC (0.1)	
Bromomethane	0.5778351	39.0688	2.297875	2.536173E-02		0.9992472	SPCC (0.1)	
Carbon disulfide	5.845322	5.638351	3.4025	8.179323E-02			SPCC (0.1)	
Carbon tetrachloride	2.212746	6.060274	5.4785	0.0482881			SPCC (0.1)	
Chlorobenzene	3.296422	4.839306	9.025	3.945772E-02			SPCC (0.5)	
Chloroethane	1.295651	5.929348	2.40175	8.732748E-02			SPCC (0.1)	
Chloroform	3.168682	5.842679	5.205875	8.980427E-03			SPCC (0.2)	
Chloromethane	2.419949	7.590348	1.834	1.431549E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.175337	5.256213	4.901	2.033575E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.842461	7.433154	7.2495	3.392773E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.2728694	12.64236	12.53625	3.264337E-02			20	
Cyclohexane	4.491063	4.872608	5.346	1.332497E-02			SPCC (0.1)	
Dibromochloromethane	0.7116503	9.145548	8.430875	7.832572E-03			SPCC (0.1)	
Dibromomethane	0.4765158	5.250735	6.6945	3.753716E-02			20	
Dichlorodifluoromethane	2.234192	12.34726	1.6265	0.1696318			SPCC (0.1)	
Diisopropyl ether (DIPE)	6.424458	5.956901	4.322625	4.804212E-02			20	
Ethanol	3.499591E-02	9.543165	2.932625	7.420442E-02			20	
Ethyl Benzene	6.787269	5.607503	9.10175	3.045358E-02			SPCC (0.1)	
Ethyl Ether	1.206471	8.418398	2.931875	6.421527E-03			20	
Ethyl Methacrylate	0.9630365	11.82256	7.8345	3.602435E-02			20	
Ethyl tert-butyl ether (ETBE)	4.614675	6.79506	4.666	6.948774E-02			20	
Freon 115	0.2335508	23.34018	1.469	1.725012E-02		0.9923312	0.99	
Freon 123	2.693579	4.651188	3.04875	9.570254E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50025
Instrument: VOA No. 10
Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.996292	10.03143	1.605375	0.1193083			20	
Freon 22	2.572081	6.305837	1.6525	0.111492			20	
Hexachlorobutadiene	0.1468223	8.871243	13.96825	2.236766E-02			20	
Hexachloroethane	0.3969806	15.36288	12.25075	2.434335E-02			20	
Iodomethane	1.059951	32.95575	3.358	9.468543E-02		0.9984862	0.99	
Isopropylbenzene	4.747432	4.980033	10.04075	1.570653E-02			SPCC (0.1)	
Limonene	1.00492	13.26029	11.3765	2.167444E-02			20	
Methyl acetate	0.7331099	13.56281	3.57725	0.1081563			SPCC (0.1)	
Methyl Methacrylate	0.4569992	7.884695	6.614	1.760309E-02			20	
Methyl tert-butyl ether (MTBE)	3.099931	13.37227	3.889	1.861588E-02			SPCC (0.1)	
Methylcyclohexane	2.857829	4.775375	6.42875	5.118193E-02			SPCC (0.1)	
Methylene chloride	4.920238	68.07191	3.694	0.0191402		0.9979789	SPCC (0.1)	
Naphthalene	0.5579002	14.18192	14.13025	1.724279E-02			20	
n-butyl acetate	0.9651768	11.62452	8.31725	4.262402E-02			20	
n-Butylbenzene	3.095706	5.687045	11.918	2.537692E-02			20	
n-Decane	0.6758413	54.5712	10.604	0.0252584		0.9992301	0.99	
n-Hexane	3.905024	6.537688	4.1035	6.903966E-02			20	
Nitrobenzene	1.395896E-02	31.25093	13.19267	2.519529E-02		0.9997495	0.99	
n-Nonane	0.846722	23.34572	9.14625	3.908666E-02		0.9983776	0.99	
n-octane	0.7715382	7.496861	7.5575	3.724653E-02			20	
n-Propylbenzene	5.712751	4.537534	10.4955	0.0253891			20	
n-undecane	0.2800876	67.24037	11.94275	1.805691E-02		0.9992902	0.99	
o-Xylene	4.768717	6.060423	9.66125	0.0277459			SPCC (0.3)	
p- & m- Xylenes	5.070616	5.957394	9.22225	2.101666E-02			SPCC (0.1)	
p-Ethyltoluene	4.396538	5.828654	10.61975	1.517891E-02			20	
p-Isopropyltoluene	3.106092	6.255558	11.44875	1.398377E-02			20	
sec-Butylbenzene	3.936305	5.606806	11.29075	8.496751E-03			20	
Styrene	3.463064	6.720203	9.687625	2.938797E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.730039	3.328495	5.687	2.511465E-02			20	
SURR: p-Bromofluorobenzene	1.480683	1.206642	10.2625	3.841198E-02			20	
SURR: Toluene-d8	5.905895	1.670443	7.4803	3.064789E-02			20	
tert-Amyl alcohol (TAA)	7.036893E-02	21.62416	5.7173	0.1930075		0.9985647	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	3.853217	6.940215	5.74275	3.900973E-02			20	
tert-Butyl alcohol (TBA)	6.970394E-02	22.70297	3.8159	0.1291196		0.9997754	0.99	
tert-Butylbenzene	2.748696	6.256612	11.0475	2.703527E-02			20	
Tetrachloroethylene	1.551815	7.878161	8.09125	3.644263E-02			SPCC (0.2)	
Tetrahydrofuran	0.0811938	7.869524	5.1648	7.907593E-02			20	
Toluene	6.183806	4.665486	7.547625	2.610776E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	3.092459	3.686061	3.92425	5.285318E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.339456	8.62135	7.8165	3.562093E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5865822	8.555191	10.51237	3.500409E-02			20	
trans-decahydronaphthalene	0.3910389	10.44002	11.88475	2.514974E-02			20	
Trichloroethylene	1.462171	4.322348	6.303	1.890681E-02			SPCC (0.2)	
Trichlorofluoromethane	2.74196	4.257322	2.645	1.744748E-02			SPCC (0.1)	
Vinyl acetate	0.1925841	7.754239	4.37475	6.800986E-02			20	
Vinyl Chloride	2.812603	4.649505	1.938	7.453471E-03			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.032632	3.098746	8.875	3.327152E-02			20	
1,1,1-Trichloroethane	3.162869	8.425802	5.124	5.638106E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5279839	8.469168	10.198	1.954609E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.800277	9.419822	2.98525	0.1048909			SPCC (0.1)	
1,1,2-Trichloroethane	0.7377951	10.34342	7.757375	2.702219E-02			SPCC (0.1)	
1,1-Dichloroethane	3.462321	7.441484	4.124125	0.0843507			SPCC (0.2)	
1,1-Dichloroethylene	5.704204	8.857201	3.001	7.655268E-03			SPCC (0.1)	
1,1-Dichloropropylene	3.016794	7.893399	5.27525	3.862958E-02			20	
1,2,3-Trichlorobenzene	0.3443873	8.565598	14.1535	1.491306E-02			20	
1,2,3-Trichloropropane	0.1382932	5.762933	10.24587	4.430535E-02			20	
1,2,3-Trimethylbenzene	2.384476	3.531165	11.3735	1.690132E-02			20	
1,2,4,5-Tetramethylbenzene	1.670232	12.50263	12.56587	2.004681E-02			20	
1,2,4-Trichlorobenzene	0.4353494	9.213882	13.58875	2.125684E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.31115	5.541412	10.89288	0.0204538			20	
1,2-Dibromo-3-chloropropane	7.397414E-02	6.888101	12.66125	2.935869E-02			SPCC (0.05)	
1,2-Dibromoethane	0.6793414	12.09431	8.29325	1.903052E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.168559	6.515786	11.76187	9.086549E-03			SPCC (0.4)	
1,2-Dichloroethane	2.454273	6.008164	5.5075	9.825053E-03			SPCC (0.1)	
1,2-Dichloropropane	1.099228	9.15448	6.305125	0.0278289			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.274314	3.323869	10.47113	2.682883E-02			20	
1,3-Dichlorobenzene	1.276238	10.40217	11.23725	1.462343E-02			SPCC (0.6)	
1,3-Dichloropropane	1.312485	13.07821	7.92825	2.018397E-02			20	
1,4-Dichlorobenzene	1.216841	6.534327	11.3365	2.673439E-02			SPCC (0.5)	
1,4-Dioxane	7.045156E-03	12.9784	6.446111	6.496802E-02			20	
2,2-Dichloropropane	2.598777	11.575	4.6545	5.960827E-02			20	
2-Butanone	0.1534022	8.992815	4.6785	9.119699E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1838358	7.744379	6.846	4.845838E-02			20	
2-Chlorotoluene	2.351554	6.187529	10.39975	2.437235E-02			20	
2-Hexanone	0.3924603	10.78885	7.98275	3.062951E-02			SPCC (0.1)	
2-Nitropropane	0.1845813	11.41843	6.7988	5.787224E-02			20	
4-Chlorotoluene	2.172009	6.046779	10.51475	2.505734E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.534569	7.716638	7.1395	4.185389E-02			SPCC (0.1)	
Acetone	0.2521241	37.35495	3.065	0.1036426		0.995669	SPCC (0.1)	
Acrolein	0.2232994	15.26937	2.916	9.848036E-02			20	
Acrylonitrile	0.3536499	9.410112	3.719	1.856847E-02			20	
Allyl chloride	5.694055	5.612938	3.348	1.448908E-02			20	
Benzene	8.14631	5.777076	5.477	1.069312E-02			SPCC (0.5)	
Bromobenzene	1.065365	7.186861	10.19275	1.476946E-02			20	
Bromochloromethane	1.374589	5.697403	4.899	1.489012E-02			20	
Bromodichloromethane	1.397876	9.505796	6.584	1.788159E-02			SPCC (0.2)	
Bromoform	0.4213343	5.815439	9.699	1.593701E-02			SPCC (0.1)	
Bromomethane	1.924601	12.42815	2.14675	0.1457116			SPCC (0.1)	
Carbon disulfide	9.535053	8.341567	3.22	2.071968E-02			SPCC (0.1)	
Carbon tetrachloride	2.866698	11.41928	5.27675	3.873462E-02			SPCC (0.1)	
Chlorobenzene	3.114886	10.93302	8.7875	2.957597E-02			SPCC (0.5)	
Chloroethane	1.96287	18.21961	2.247	1.159826E-02			SPCC (0.1)	
Chloroform	3.662521	7.431915	4.9705	5.649036E-02			SPCC (0.2)	
Chloromethane	2.29798	14.49849	1.721875	0.1770741			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.056116	8.626421	4.668	6.595762E-03			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.524095	5.803235	7.00625	4.385591E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.1232279	16.42562	12.33375	8.516337E-03			20	
Cyclohexane	3.518241	8.491494	5.164	6.415442E-02			SPCC (0.1)	
Dibromochloromethane	0.8498885	6.004549	8.172	2.195099E-02			SPCC (0.1)	
Dibromomethane	0.5443811	11.22711	6.43875	2.735146E-02			20	
Dichlorodifluoromethane	2.536934	17.79697	1.52	0.2110875			SPCC (0.1)	
Diisopropyl ether (DIPE)	5.473118	9.592242	4.1495	6.444131E-02			20	
Ethanol	1.285654E-02	12.71696	2.71725	0.163799			20	
Ethyl Benzene	5.59169	8.952596	8.87875	1.485709E-02			SPCC (0.1)	
Ethyl Ether	2.233852	5.449616	2.77	1.597237E-02			20	
Ethyl Methacrylate	1.007785	5.657818	7.612125	1.102773E-02			20	
Ethyl tert-butyl ether (ETBE)	5.062316	10.71743	4.485375	0.0206245			20	
Freon 115	0.2479763	15.69127	1.3696	0.0371456			20	
Freon 123	5.078619	8.423164	2.86025	7.752721E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.716998	12.08965	1.502375	0.2069187			20	
Freon 22	2.335361	13.03572	1.547	1.728901E-02			20	
Hexachlorobutadiene	9.866439E-02	10.53961	13.763	1.810477E-02			20	
Hexachloroethane	0.3422324	10.18696	12.03425	8.508157E-03			20	
Iodomethane	2.26965	47.13512	2.763375	40.40617		0.9992254	0.99	
Isopropylbenzene	2.766907	4.792451	9.827	1.087101E-02			SPCC (0.1)	
Limonene	0.4195002	8.215524	11.1835	8.562283E-03			20	
Methyl acetate	1.490142	15.81689	3.36675	5.996557E-02			SPCC (0.1)	
Methyl Methacrylate	0.4797453	7.116476	6.3875	5.325459E-02			20	
Methyl tert-butyl ether (MTBE)	4.293789	9.782224	3.70775	5.593985E-02			SPCC (0.1)	
Methylcyclohexane	1.841784	17.70148	6.245375	4.150143E-02			SPCC (0.1)	
Methylene chloride	8.463221	70.91553	3.475625	2.053948E-02		0.9959158	SPCC (0.1)	
Naphthalene	1.081818	7.598571	13.87212	1.483777E-02			20	
n-butyl acetate	0.9057794	6.644766	8.093	2.153095E-02			20	
n-Butylbenzene	2.126231	4.635688	11.704	3.085165E-02			20	
n-Decane	0.2566411	64.62287	10.4365	3.029322E-02		0.9953424	0.99	
n-Hexane	2.574873	15.12933	3.94325	5.208659E-02			20	
Nitrobenzene	1.585023E-02	48.67811	12.902	2.028787E-02		0.9982817	0.99	
n-Nonane	0.3854804	27.95645	8.98025	3.018097E-02		0.9913947	0.99	
n-octane	0.3558542	24.21961	7.388857	4.678151E-02		0.9969873	0.99	
n-Propylbenzene	3.281646	5.674936	10.27775	1.985769E-02			20	
n-undecane	0.1595943	67.59101	11.77237	0.1225531		0.9974334	0.99	
o-Xylene	4.335631	6.032014	9.4375	0			SPCC (0.3)	
p- & m- Xylenes	4.4981	4.81859	9.004	3.021847E-02			SPCC (0.1)	
p-Ethyltoluene	2.842334	5.53481	10.405	1.890037E-02			20	
p-Isopropyltoluene	2.147904	9.35416	11.23875	1.480206E-02			20	
sec-Butylbenzene	2.339404	4.16154	11.08	1.597237E-02			20	
Styrene	3.418956	6.875388	9.456	1.916365E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	2.04118	1.664284	5.4345	1.459783E-02			20	
SURR: p-Bromofluorobenzene	1.022017	6.070717	10.0216	1.110834E-02			20	
SURR: Toluene-d8	5.152993	13.19931	7.2596	6.919269E-03			20	
tert-Amyl alcohol (TAA)	0.0864134	20.07713	5.486	0.0608483		0.9999775	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	4.408086	12.10092	5.55075	3.639068E-02			20	
tert-Butyl alcohol (TBA)	0.1188954	21.19958	3.59925	0.1236409		0.99145	0.99	
tert-Butylbenzene	1.720614	5.706635	10.83625	2.077419E-02			20	
Tetrachloroethylene	1.286128	7.103628	7.88525	2.914663E-02			SPCC (0.2)	
Tetrahydrofuran	0.1208846	26.53521	4.449	35.13646		0.9999762	0.99	
Toluene	5.122056	12.65861	7.3265	1.921118E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.787065	9.490549	3.7235	7.667561E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.241898	5.408541	7.564	0.0194443			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5000639	4.952275	10.24525	3.266789E-02			20	
trans-decahydronaphthalene	0.1873965	21.1573	11.68575	3.441012E-02		0.9944578	0.99	
Trichloroethylene	1.207572	11.66742	6.083625	4.825564E-02			SPCC (0.2)	
Trichlorofluoromethane	6.130634	10.36309	2.4915	0.110789			SPCC (0.1)	
Vinyl acetate	0.2453359	17.99321	4.157	7.587932E-02			20	
Vinyl Chloride	2.8081	11.40996	1.812	0.1765901			SPCC (0.1)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50025 **Laboratory ID:** S5I1802-SCV1

Sequence: S5I1802 **Standard ID:** S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.4	4.0	30.00
1,1,1-Trichloroethane	10.0	9.96	-0.4	30.00
1,1,2,2-Tetrachloroethane	10.0	9.85	-1.5	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.09	-9.1	30.00
1,1,2-Trichloroethane	10.0	10.3	2.6	30.00
1,1-Dichloroethane	10.0	9.84	-1.6	30.00
1,1-Dichloroethylene	10.0	9.09	-9.1	30.00
1,2,3-Trichlorobenzene	10.0	11.0	10.3	30.00
1,2,3-Trichloropropane	10.0	10.0	0.3	30.00
1,2,4-Trichlorobenzene	10.0	10.4	4.2	30.00
1,2,4-Trimethylbenzene	10.0	9.92	-0.8	30.00
1,2-Dibromo-3-chloropropane	10.0	10.8	7.6	30.00
1,2-Dibromoethane	10.0	10.3	3.3	30.00
1,2-Dichlorobenzene	10.0	9.91	-0.9	30.00
1,2-Dichloroethane	10.0	9.82	-1.8	30.00
1,2-Dichloropropane	10.0	10.0	0.0	30.00
1,3,5-Trimethylbenzene	10.0	10.1	0.6	30.00
1,3-Dichlorobenzene	10.0	9.99	-0.1	30.00
1,4-Dichlorobenzene	10.0	10.1	1.4	30.00
2-Butanone	10.0	10.5	5.2	30.00
2-Hexanone	10.0	10.5	5.3	30.00
4-Methyl-2-pentanone	10.0	10.6	6.1	30.00
Acetone	10.0	10.8	8.3	30.00
Acrolein	40.0	29.6	-26.1	30.00
Acrylonitrile	10.0	9.47	-5.3	30.00
Benzene	10.0	9.71	-2.9	30.00
Bromochloromethane	10.0	10.3	2.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50025 **Laboratory ID:** S5I1802-SCV1

Sequence: S5I1802 **Standard ID:** S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	10.4	3.7	30.00
Bromoform	10.0	10.9	8.8	30.00
Bromomethane	10.0	9.72	-2.8	30.00
Carbon disulfide	10.0	8.63	-13.7	30.00
Carbon tetrachloride	10.0	9.79	-2.1	30.00
Chlorobenzene	10.0	10.1	1.3	30.00
Chloroethane	10.0	11.6	15.8	30.00
Chloroform	10.0	9.94	-0.6	30.00
Chloromethane	10.0	8.21	-17.9	30.00
cis-1,2-Dichloroethylene	10.0	10.1	0.6	30.00
cis-1,3-Dichloropropylene	10.0	10.5	5.2	30.00
Cyclohexane	10.0	9.39	-6.1	30.00
Dibromochloromethane	10.0	10.4	4.5	30.00
Dibromomethane	10.0	10.4	3.6	30.00
Dichlorodifluoromethane	10.0	6.04	-39.6 *	30.00
Ethyl Benzene	10.0	9.89	-1.1	30.00
Hexachlorobutadiene	10.0	10.5	4.7	30.00
Isopropylbenzene	10.0	10.1	0.8	30.00
Methyl acetate	10.0	9.88	-1.2	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.94	-0.6	30.00
Methylcyclohexane	10.0	9.71	-2.9	30.00
Methylene chloride	10.0	10.8	7.5	30.00
n-Butylbenzene	10.0	10.4	4.2	30.00
n-Propylbenzene	10.0	10.1	1.4	30.00
o-Xylene	10.0	10.4	4.5	30.00
p- & m- Xylenes	20.0	20.2	1.0	30.00
p-Isopropyltoluene	10.0	10.3	2.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50025
Laboratory ID: S5I1802-SCV1
Sequence: S5I1802
Standard ID: S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	10.5	4.6	30.00
Styrene	10.0	10.1	1.1	30.00
tert-Butyl alcohol (TBA)	50.0	47.5	-5.1	30.00
tert-Butylbenzene	10.0	10.4	4.2	30.00
Tetrachloroethylene	10.0	11.7	17.1	30.00
Toluene	10.0	9.78	-2.2	30.00
trans-1,2-Dichloroethylene	10.0	9.54	-4.6	30.00
trans-1,3-Dichloropropylene	10.0	10.6	5.8	30.00
trans-1,4-dichloro-2-butene	10.0	9.53	-4.7	30.00
Trichloroethylene	10.0	9.55	-4.5	30.00
Trichlorofluoromethane	10.0	8.67	-13.3	30.00
Vinyl Chloride	10.0	8.06	-19.4	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	9.19	-8.1	30.00
1,1,1-Trichloroethane	10.0	8.24	-17.6	30.00
1,1,2,2-Tetrachloroethane	10.0	7.63	-23.7	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.22	-17.8	30.00
1,1,2-Trichloroethane	10.0	9.67	-3.3	30.00
1,1-Dichloroethane	10.0	8.22	-17.8	30.00
1,1-Dichloroethylene	10.0	7.82	-21.8	30.00
1,2,3-Trichlorobenzene	10.0	7.65	-23.5	30.00
1,2,3-Trichloropropane	10.0	7.73	-22.7	30.00
1,2,4-Trichlorobenzene	10.0	7.75	-22.5	30.00
1,2,4-Trimethylbenzene	10.0	8.28	-17.2	30.00
1,2-Dibromo-3-chloropropane	10.0	7.14	-28.6	30.00
1,2-Dibromoethane	10.0	9.89	-1.1	30.00
1,2-Dichlorobenzene	10.0	8.35	-16.5	30.00
1,2-Dichloroethane	10.0	8.31	-16.9	30.00
1,2-Dichloropropane	10.0	9.20	-8.0	30.00
1,3,5-Trimethylbenzene	10.0	8.16	-18.4	30.00
1,3-Dichlorobenzene	10.0	8.03	-19.7	30.00
1,4-Dichlorobenzene	10.0	8.11	-18.9	30.00
2-Butanone	10.0	7.87	-21.3	30.00
2-Hexanone	10.0	9.24	-7.6	30.00
4-Methyl-2-pentanone	10.0	10.3	2.8	30.00
Acetone	10.0	8.20	-18.0	30.00
Acrolein	10.0	7.96	-20.4	30.00
Acrylonitrile	10.0	8.28	-17.2	30.00
Benzene	10.0	8.45	-15.5	30.00
Bromochloromethane	10.0	8.55	-14.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	9.23	-7.7	30.00
Bromoform	10.0	9.10	-9.0	30.00
Bromomethane	10.0	8.02	-19.8	30.00
Carbon disulfide	10.0	7.38	-26.2	30.00
Carbon tetrachloride	10.0	8.11	-18.9	30.00
Chlorobenzene	10.0	9.42	-5.8	30.00
Chloroethane	10.0	9.46	-5.4	30.00
Chloroform	10.0	8.12	-18.8	30.00
Chloromethane	10.0	7.08	-29.2	30.00
cis-1,2-Dichloroethylene	10.0	8.60	-14.0	30.00
cis-1,3-Dichloropropylene	10.0	9.43	-5.7	30.00
Cyclohexane	10.0	7.36	-26.4	30.00
Dibromochloromethane	10.0	9.46	-5.4	30.00
Dibromomethane	10.0	9.14	-8.6	30.00
Dichlorodifluoromethane	10.0	4.97	-50.3 *	30.00
Ethyl Benzene	10.0	9.63	-3.7	30.00
Hexachlorobutadiene	10.0	7.61	-23.9	30.00
Isopropylbenzene	10.0	7.61	-23.9	30.00
Methyl acetate	10.0	13.2	31.9 *	30.00
Methyl tert-butyl ether (MTBE)	10.0	7.90	-21.0	30.00
Methylcyclohexane	10.0	8.32	-16.8	30.00
Methylene chloride	10.0	9.29	-7.1	30.00
n-Butylbenzene	10.0	8.46	-15.4	30.00
n-Propylbenzene	10.0	7.71	-22.9	30.00
o-Xylene	10.0	9.87	-1.3	30.00
p- & m- Xylenes	20.0	19.8	-0.8	30.00
p-Isopropyltoluene	10.0	8.12	-18.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	7.77	-22.3	30.00
Styrene	10.0	9.62	-3.8	30.00
tert-Butyl alcohol (TBA)	50.0	24.6	-50.8 *	30.00
tert-Butylbenzene	10.0	7.61	-23.9	30.00
Tetrachloroethylene	10.0	7.54	-24.6	30.00
Toluene	10.0	9.56	-4.4	30.00
trans-1,2-Dichloroethylene	10.0	7.87	-21.3	30.00
trans-1,3-Dichloropropylene	10.0	9.47	-5.3	30.00
trans-1,4-dichloro-2-butene	10.0	7.08	-29.2	30.00
Trichloroethylene	10.0	8.68	-13.2	30.00
Trichlorofluoromethane	10.0	8.20	-18.0	30.00
Vinyl Chloride	10.0	7.36	-26.4	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	11.5	1.032632	1.18667		14.9	20	
1,1,1-Trichloroethane	A	10.0	10.6	3.162869	3.343827	0.1	5.7	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.5279839	0.5520125	0.3	4.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	3.800277	4.095113	0.1	7.8	20	
1,1,2-Trichloroethane	A	10.0	11.4	0.7377951	0.8403032	0.1	13.9	20	
1,1-Dichloroethane	A	10.0	9.69	3.462321	3.354906	0.2	-3.1	20	
1,1-Dichloroethylene	A	10.0	10.9	5.704204	6.208867	0.1	8.8	20	
1,2,3-Trichlorobenzene	A	10.0	10.2	0.3443873	0.3507473		1.8	20	
1,2,3-Trichloropropane	A	10.0	10.8	0.1382932	0.1489999		7.7	20	
1,2,4-Trichlorobenzene	A	10.0	10.6	0.4353494	0.4594201	0.2	5.5	20	
1,2,4-Trimethylbenzene	A	10.0	11.8	2.31115	2.727626		18.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.9	7.397414E-02	8.062487E-02	0.05	9.0	20	
1,2-Dibromoethane	A	10.0	11.6	0.6793414	0.7845405	0.1	15.5	20	
1,2-Dichlorobenzene	A	10.0	11.2	1.168559	1.303997	0.4	11.6	20	
1,2-Dichloroethane	A	10.0	9.79	2.454273	2.403109	0.1	-2.1	20	
1,2-Dichloropropane	A	10.0	11.1	1.099228	1.216775	0.1	10.7	20	
1,3,5-Trimethylbenzene	A	10.0	11.8	2.274314	2.675478		17.6	20	
1,3-Dichlorobenzene	A	10.0	11.4	1.276238	1.450133	0.6	13.6	20	
1,4-Dichlorobenzene	A	10.0	11.4	1.216841	1.387908	0.5	14.1	20	
2-Butanone	A	10.0	10.4	0.1534022	0.1601936	0.1	4.4	20	
2-Hexanone	A	10.0	11.8	0.3924603	0.4650466	0.1	18.5	20	
4-Methyl-2-pentanone	A	10.0	12.0	0.534569	0.6397428	0.1	19.7	20	
Acetone	A	10.0	13.6	0.2521241	0.2329438	0.1	36.2	20	*
Acrolein	A	40.0	40.3	0.2232994	0.2249312		0.7	20	
Acrylonitrile	A	50.0	46.2	0.3536499	0.3268344		-7.6	20	
Benzene	A	10.0	9.88	8.14631	8.051867	0.5	-1.2	20	
Bromochloromethane	A	10.0	9.86	1.374589	1.354661		-1.4	20	
Bromodichloromethane	A	10.0	11.3	1.397876	1.583473	0.2	13.3	20	
Bromoform	A	10.0	12.4	0.4213343	0.5224136	0.1	24.0	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	9.10	1.924601	1.752657	0.1	-8.9	20	
Carbon disulfide	A	10.0	10.8	9.535053	10.27345	0.1	7.7	20	
Carbon tetrachloride	A	10.0	10.6	2.866698	3.053326	0.1	6.5	20	
Chlorobenzene	A	10.0	11.4	3.114886	3.540191	0.5	13.7	20	
Chloroethane	A	10.0	9.39	1.96287	1.843509	0.1	-6.1	20	
Chloroform	A	10.0	9.79	3.662521	3.586586	0.2	-2.1	20	
Chloromethane	A	10.0	8.82	2.29798	2.027006	0.1	-11.8	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	3.056116	3.057225	0.1	0.04	20	
cis-1,3-Dichloropropylene	A	10.0	12.0	1.524095	1.827905	0.2	19.9	20	
Cyclohexane	A	10.0	10.1	3.518241	3.548688	0.1	0.9	20	
Dibromochloromethane	A	10.0	11.7	0.8498885	0.9956529	0.1	17.2	20	
Dibromomethane	A	10.0	11.2	0.5443811	0.608989		11.9	20	
Dichlorodifluoromethane	A	10.0	9.13	2.536934	2.31737	0.1	-8.7	20	
Ethyl Benzene	A	10.0	11.9	5.59169	6.648921	0.1	18.9	20	
Hexachlorobutadiene	A	10.0	11.6	9.866439E-02	0.1145287		16.1	20	
Isopropylbenzene	A	10.0	11.3	2.766907	3.135498	0.1	13.3	20	
Methyl acetate	A	10.0	10.2	1.490142	1.522289	0.1	2.2	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.51	4.293789	4.084368	0.1	-4.9	20	
Methylcyclohexane	A	10.0	13.0	1.841784	2.393565	0.1	30.0	20	*
Methylene chloride	A	10.0	12.0	8.463221	5.436178	0.1	20.5	20	*
n-Butylbenzene	A	10.0	12.7	2.126231	2.696335		26.8	20	*
n-Propylbenzene	A	10.0	11.7	3.281646	3.826142		16.6	20	
o-Xylene	A	10.0	12.0	4.335631	5.195741	0.3	19.8	20	
p- & m- Xylenes	A	20.0	25.0	4.4981	5.404651	0.1	20.2	20	*
p-Isopropyltoluene	A	10.0	12.4	2.147904	2.658213		23.8	20	*
sec-Butylbenzene	A	10.0	12.5	2.339404	2.92922		25.2	20	*
Styrene	A	10.0	12.3	3.418956	4.213153	0.3	23.2	20	*
tert-Butyl alcohol (TBA)	A	50.0	52.2	0.1188954	0.111011		4.3	20	
tert-Butylbenzene	A	10.0	11.7	1.720614	2.017641		17.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	10.5	1.286128	1.353091	0.2	5.2	20	
Toluene	A	10.0	11.4	5.122056	5.824095	0.4	13.7	20	
trans-1,2-Dichloroethylene	A	10.0	9.80	2.787065	2.731156	0.1	-2.0	20	
trans-1,3-Dichloropropylene	A	10.0	12.6	1.241898	1.561962	0.1	25.8	20	*
trans-1,4-dichloro-2-butene	A	10.0	11.2	0.5000639	0.5616107		12.3	20	
Trichloroethylene	A	10.0	11.3	1.207572	1.361502	0.2	12.7	20	
Trichlorofluoromethane	A	10.0	10.2	6.130634	6.272919	0.1	2.3	20	
Vinyl Chloride	A	10.0	9.92	2.8081	2.785687	0.1	-0.8	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.9481375	1.019435		7.5	20	
1,1,1-Trichloroethane	A	10.0	11.2	2.723709	3.059424	0.1	12.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.66	0.54115	0.5225804	0.3	-3.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.1	1.722982	1.741035	0.1	1.0	20	
1,1,2-Trichloroethane	A	10.0	10.6	0.6852715	0.7271934	0.1	6.1	20	
1,1-Dichloroethane	A	10.0	10.6	3.905431	4.136509	0.2	5.9	20	
1,1-Dichloroethylene	A	10.0	11.1	3.179474	3.526109	0.1	10.9	20	
1,2,3-Trichlorobenzene	A	10.0	11.2	0.1454233	0.1635784		12.5	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.1397771	0.1427179		2.1	20	
1,2,4-Trichlorobenzene	A	10.0	10.1	0.2980927	0.3017426	0.2	1.2	20	
1,2,4-Trimethylbenzene	A	10.0	10.4	3.147818	3.274224		4.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.9	5.499377E-02	6.003393E-02	0.05	9.2	20	
1,2-Dibromoethane	A	10.0	10.6	0.5960318	0.6326962	0.1	6.2	20	
1,2-Dichlorobenzene	A	10.0	9.95	1.121546	1.115762	0.4	-0.5	20	
1,2-Dichloroethane	A	10.0	11.3	1.756381	1.98677	0.1	13.1	20	
1,2-Dichloropropane	A	10.0	10.0	1.500576	1.50844	0.1	0.5	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	3.351034	3.519275		5.0	20	
1,3-Dichlorobenzene	A	10.0	9.94	1.420848	1.412698	0.6	-0.6	20	
1,4-Dichlorobenzene	A	10.0	9.87	1.387093	1.36927	0.5	-1.3	20	
2-Butanone	A	10.0	12.2	9.368831E-02	0.1145188	0.1	22.2	20	*
2-Hexanone	A	10.0	10.3	0.34855	0.3590173	0.1	3.0	20	
4-Methyl-2-pentanone	A	10.0	10.1	0.5336699	0.5398889	0.1	1.2	20	
Acetone	A	10.0	14.2	0.1177011	0.130976	0.1	42.1	20	*
Acrolein	A	40.0	35.9	0.1247131	0.1119881		-10.2	20	
Acrylonitrile	A	50.0	52.5	0.3093702	0.3249644		5.0	20	
Benzene	A	10.0	10.9	8.337071	9.056147	0.5	8.6	20	
Bromochloromethane	A	10.0	10.2	1.384085	1.41573		2.3	20	
Bromodichloromethane	A	10.0	10.7	1.470659	1.577492	0.2	7.3	20	
Bromoform	A	10.0	10.6	0.3056808	0.3242087	0.1	6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	10.3	0.5778351	0.6827029	0.1	3.1	20	
Carbon disulfide	A	10.0	10.1	5.845322	5.887576	0.1	0.7	20	
Carbon tetrachloride	A	10.0	11.0	2.212746	2.445437	0.1	10.5	20	
Chlorobenzene	A	10.0	10.6	3.296422	3.504746	0.5	6.3	20	
Chloroethane	A	10.0	10.4	1.295651	1.340951	0.1	3.5	20	
Chloroform	A	10.0	11.1	3.168682	3.525057	0.2	11.2	20	
Chloromethane	A	10.0	9.53	2.419949	2.30509	0.1	-4.7	20	
cis-1,2-Dichloroethylene	A	10.0	10.4	3.175337	3.30093	0.1	4.0	20	
cis-1,3-Dichloropropylene	A	10.0	10.3	1.842461	1.901653	0.2	3.2	20	
Cyclohexane	A	10.0	10.1	4.491063	4.528434	0.1	0.8	20	
Dibromochloromethane	A	10.0	10.8	0.7116503	0.7707724	0.1	8.3	20	
Dibromomethane	A	10.0	10.4	0.4765158	0.496269		4.1	20	
Dichlorodifluoromethane	A	10.0	8.95	2.234192	1.999439	0.1	-10.5	20	
Ethyl Benzene	A	10.0	10.6	6.787269	7.202174	0.1	6.1	20	
Hexachlorobutadiene	A	10.0	9.92	0.1468223	0.1456575		-0.8	20	
Isopropylbenzene	A	10.0	10.4	4.747432	4.939688	0.1	4.0	20	
Methyl acetate	A	10.0	10.0	0.7331099	0.7337783	0.1	0.09	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.8	3.099931	3.332962	0.1	7.5	20	
Methylcyclohexane	A	10.0	10.1	2.857829	2.897714	0.1	1.4	20	
Methylene chloride	A	10.0	14.3	4.920238	4.07092	0.1	43.0	20	*
n-Butylbenzene	A	10.0	10.6	3.095706	3.296534		6.5	20	
n-Propylbenzene	A	10.0	10.4	5.712751	5.931441		3.8	20	
o-Xylene	A	10.0	10.8	4.768717	5.172163	0.3	8.5	20	
p- & m- Xylenes	A	20.0	21.4	5.070616	5.429551	0.1	7.1	20	
p-Isopropyltoluene	A	10.0	10.7	3.106092	3.332453		7.3	20	
sec-Butylbenzene	A	10.0	10.7	3.936305	4.224432		7.3	20	
Styrene	A	10.0	11.1	3.463064	3.831449	0.3	10.6	20	
tert-Butyl alcohol (TBA)	A	50.0	31.0	6.970394E-02	3.922866E-02		-38.0	20	*
tert-Butylbenzene	A	10.0	10.7	2.748696	2.940162		7.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	14.6	1.551815	2.260036	0.2	45.6	20 *
Toluene	A	10.0	10.5	6.183806	6.471634	0.4	4.7	20
trans-1,2-Dichloroethylene	A	10.0	10.6	3.092459	3.2789	0.1	6.0	20
trans-1,3-Dichloropropylene	A	10.0	10.6	1.339456	1.422665	0.1	6.2	20
trans-1,4-dichloro-2-butene	A	10.0	9.99	0.5865822	0.586214		-0.06	20
Trichloroethylene	A	10.0	10.7	1.462171	1.564714	0.2	7.0	20
Trichlorofluoromethane	A	10.0	10.6	2.74196	2.915198	0.1	6.3	20
Vinyl Chloride	A	10.0	9.93	2.812603	2.791779	0.1	-0.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.86	0.9481375	0.9344005		-1.4	20	
1,1,1-Trichloroethane	A	10.0	10.4	2.723709	2.837567	0.1	4.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.10	0.54115	0.4923665	0.3	-9.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.64	1.722982	1.660476	0.1	-3.6	20	
1,1,2-Trichloroethane	A	10.0	9.45	0.6852715	0.6474925	0.1	-5.5	20	
1,1-Dichloroethane	A	10.0	9.89	3.905431	3.861921	0.2	-1.1	20	
1,1-Dichloroethylene	A	10.0	9.80	3.179474	3.117172	0.1	-2.0	20	
1,2,3-Trichlorobenzene	A	10.0	10.0	0.1454233	0.1455327		0.08	20	
1,2,3-Trichloropropane	A	10.0	9.07	0.1397771	0.1268036		-9.3	20	
1,2,4-Trichlorobenzene	A	10.0	9.31	0.2980927	0.2775529	0.2	-6.9	20	
1,2,4-Trimethylbenzene	A	10.0	9.68	3.147818	3.047778		-3.2	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.51	5.499377E-02	5.231643E-02	0.05	-4.9	20	
1,2-Dibromoethane	A	10.0	9.47	0.5960318	0.5642245	0.1	-5.3	20	
1,2-Dichlorobenzene	A	10.0	9.18	1.121546	1.029406	0.4	-8.2	20	
1,2-Dichloroethane	A	10.0	10.1	1.756381	1.771691	0.1	0.9	20	
1,2-Dichloropropane	A	10.0	9.29	1.500576	1.394626	0.1	-7.1	20	
1,3,5-Trimethylbenzene	A	10.0	9.72	3.351034	3.256309		-2.8	20	
1,3-Dichlorobenzene	A	10.0	9.19	1.420848	1.305209	0.6	-8.1	20	
1,4-Dichlorobenzene	A	10.0	9.20	1.387093	1.275669	0.5	-8.0	20	
2-Butanone	A	10.0	11.3	9.368831E-02	0.1062314	0.1	13.4	20	
2-Hexanone	A	10.0	8.66	0.34855	0.3018466	0.1	-13.4	20	
4-Methyl-2-pentanone	A	10.0	8.46	0.5336699	0.4514181	0.1	-15.4	20	
Acetone	A	10.0	12.0	0.1177011	0.1109813	0.1	20.4	20	*
Acrolein	A	40.0	34.6	0.1247131	0.1080004		-13.4	20	
Acrylonitrile	A	50.0	45.9	0.3093702	0.283858		-8.2	20	
Benzene	A	10.0	10.2	8.337071	8.50583	0.5	2.0	20	
Bromochloromethane	A	10.0	9.50	1.384085	1.315453		-5.0	20	
Bromodichloromethane	A	10.0	9.80	1.470659	1.440731	0.2	-2.0	20	
Bromoform	A	10.0	9.47	0.3056808	0.2894653	0.1	-5.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	10.6	0.5778351	0.7019798	0.1	5.8	20	
Carbon disulfide	A	10.0	9.04	5.845322	5.283985	0.1	-9.6	20	
Carbon tetrachloride	A	10.0	10.4	2.212746	2.293776	0.1	3.7	20	
Chlorobenzene	A	10.0	9.78	3.296422	3.22364	0.5	-2.2	20	
Chloroethane	A	10.0	8.96	1.295651	1.160515	0.1	-10.4	20	
Chloroform	A	10.0	10.3	3.168682	3.252828	0.2	2.7	20	
Chloromethane	A	10.0	7.18	2.419949	1.737702	0.1	-28.2	20	*
cis-1,2-Dichloroethylene	A	10.0	11.9	3.175337	3.769647	0.1	18.7	20	
cis-1,3-Dichloropropylene	A	10.0	9.82	1.842461	1.809053	0.2	-1.8	20	
Cyclohexane	A	10.0	9.25	4.491063	4.152621	0.1	-7.5	20	
Dibromochloromethane	A	10.0	9.86	0.7116503	0.7020193	0.1	-1.4	20	
Dibromomethane	A	10.0	9.50	0.4765158	0.4526669		-5.0	20	
Dichlorodifluoromethane	A	10.0	5.04	2.234192	1.125416	0.1	-49.6	20	*
Ethyl Benzene	A	10.0	9.79	6.787269	6.647453	0.1	-2.1	20	
Hexachlorobutadiene	A	10.0	9.07	0.1468223	0.1331588		-9.3	20	
Isopropylbenzene	A	10.0	9.68	4.747432	4.593899	0.1	-3.2	20	
Methyl acetate	A	10.0	8.54	0.7331099	0.6262532	0.1	-14.6	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.18	3.099931	2.8444	0.1	-8.2	20	
Methylcyclohexane	A	10.0	9.57	2.857829	2.734547	0.1	-4.3	20	
Methylene chloride	A	10.0	10.5	4.920238	3.002268	0.1	5.1	20	
n-Butylbenzene	A	10.0	9.74	3.095706	3.016121		-2.6	20	
n-Propylbenzene	A	10.0	9.64	5.712751	5.50827		-3.6	20	
o-Xylene	A	10.0	9.87	4.768717	4.708197	0.3	-1.3	20	
p- & m- Xylenes	A	20.0	19.7	5.070616	4.993487	0.1	-1.5	20	
p-Isopropyltoluene	A	10.0	9.71	3.106092	3.016442		-2.9	20	
sec-Butylbenzene	A	10.0	9.76	3.936305	3.841948		-2.4	20	
Styrene	A	10.0	10.0	3.463064	3.479296	0.3	0.5	20	
tert-Butyl alcohol (TBA)	A	50.0	34.4	6.970394E-02	4.384356E-02		-31.1	20	*
tert-Butylbenzene	A	10.0	9.70	2.748696	2.667057		-3.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	11.7	1.551815	1.820053	0.2	17.3	20
Toluene	A	10.0	9.82	6.183806	6.070183	0.4	-1.8	20
trans-1,2-Dichloroethylene	A	10.0	9.88	3.092459	3.053875	0.1	-1.2	20
trans-1,3-Dichloropropylene	A	10.0	9.61	1.339456	1.286868	0.1	-3.9	20
trans-1,4-dichloro-2-butene	A	10.0	8.82	0.5865822	0.517632		-11.8	20
Trichloroethylene	A	10.0	10.0	1.462171	1.465121	0.2	0.2	20
Trichlorofluoromethane	A	10.0	9.45	2.74196	2.590794	0.1	-5.5	20
Vinyl Chloride	A	10.0	8.05	2.812603	2.264245	0.1	-19.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I3013
Instrument: VOA No. 8
Calibration: SI50030

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5I3013-CCV1)			Lab File ID: V8-007155a.D		Analyzed: 09/29/25 13:00			
SURR: 1,2-Dichloroethane-d4	10.0	97.3	80 - 120	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	102	80 - 120	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	90.8	80 - 120	10.015	10.0216	-0.0066	+/-0.50	
LCS (BI52027-BS1)			Lab File ID: V8-007157.D		Analyzed: 09/29/25 13:59			
SURR: 1,2-Dichloroethane-d4	10.0	97.5	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	113	81 - 117	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.4	79 - 122	10.022	10.0216	0.0004	+/-0.50	
LCS Dup (BI52027-BSD1)			Lab File ID: V8-007159.D		Analyzed: 09/29/25 15:03			
SURR: 1,2-Dichloroethane-d4	10.0	98.8	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	115	81 - 117	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.1	79 - 122	10.021	10.0216	-0.0006	+/-0.50	
Blank (BI52027-BLK1)			Lab File ID: V8-007161.D		Analyzed: 09/29/25 16:01			
SURR: 1,2-Dichloroethane-d4	10.0	99.9	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	116	81 - 117	7.26	7.2596	0.0004	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.021	10.0216	-0.0006	+/-0.50	
TB (20250925) (25I1726-02)			Lab File ID: V8-007162.D		Analyzed: 09/29/25 16:31			
SURR: 1,2-Dichloroethane-d4	10.0	101	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	119	81 - 117	7.26	7.2596	0.0004	+/-0.50	*
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.022	10.0216	0.0004	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0112
Instrument: VOA No. 10
Calibration: SI50025

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0112-CCV1)				Lab File ID: V10C15895.D		Analyzed: 09/30/25 04:29		
SURR: 1,2-Dichloroethane-d4	10.0	102	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	80 - 120	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.9	80 - 120	10.266	10.2625	0.0035	+/-0.50	
LCS (BI52044-BS1)				Lab File ID: V10C15896.D		Analyzed: 09/30/25 04:57		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.1	81 - 117	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	97.8	79 - 122	10.26	10.2625	-0.0025	+/-0.50	
LCS Dup (BI52044-BSD1)				Lab File ID: V10C15897.D		Analyzed: 09/30/25 05:26		
SURR: 1,2-Dichloroethane-d4	10.0	99.3	70 - 130	5.693	5.687	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.485	7.4803	0.0047	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	99.9	79 - 122	10.265	10.2625	0.0025	+/-0.50	
Blank (BI52044-BLK1)				Lab File ID: V10C15899.D		Analyzed: 09/30/25 06:23		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.1	81 - 117	7.486	7.4803	0.0057	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
MW-9 20250925 (25I1726-01)				Lab File ID: V10C15900.D		Analyzed: 09/30/25 06:52		
SURR: 1,2-Dichloroethane-d4	10.0	99.2	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.2	81 - 117	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.26	10.2625	-0.0025	+/-0.50	
Matrix Spike (BI52044-MS1)				Lab File ID: V10C15916.D		Analyzed: 09/30/25 14:28		
SURR: 1,2-Dichloroethane-d4	10.0	104	70 - 130	5.693	5.687	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	98.3	81 - 117	7.485	7.4803	0.0047	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.1	79 - 122	10.265	10.2625	0.0025	+/-0.50	
Matrix Spike Dup (BI52044-MSD1)				Lab File ID: V10C15917.D		Analyzed: 09/30/25 14:56		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.1	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	97.8	79 - 122	10.259	10.2625	-0.0035	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0206
Instrument: VOA No. 10
Calibration: SI50025

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0206-CCV1)				Lab File ID: V10C15972.D		Analyzed: 10/01/25 19:40		
SURR: 1,2-Dichloroethane-d4	10.0	98.5	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.8	80 - 120	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	80 - 120	10.259	10.2625	-0.0035	+/-0.50	
LCS (BJ50090-BS1)				Lab File ID: V10C15973.D		Analyzed: 10/01/25 20:08		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.7	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.3	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
LCS Dup (BJ50090-BSD1)				Lab File ID: V10C15974.D		Analyzed: 10/01/25 20:37		
SURR: 1,2-Dichloroethane-d4	10.0	96.2	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.1	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
Blank (BJ50090-BLK1)				Lab File ID: V10C15976.D		Analyzed: 10/01/25 21:34		
SURR: 1,2-Dichloroethane-d4	10.0	101	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	79 - 122	10.265	10.2625	0.0025	+/-0.50	
MW-9 20250925 (25I1726-01RE1)				Lab File ID: V10C15992.D		Analyzed: 10/02/25 05:11		
SURR: 1,2-Dichloroethane-d4	10.0	105	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.7	79 - 122	10.265	10.2625	0.0025	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	12.1	121	45 - 161
1,1,1-Trichloroethane	10.0	0.00	13.1	131 *	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	12.1	121	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	8.53	85.3	70 - 130
1,1,2-Trichloroethane	10.0	0.00	12.5	125	70 - 130
1,1-Dichloroethane	10.0	0.00	12.1	121	70 - 130
1,1-Dichloroethylene	10.0	0.00	11.3	113	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	8.68	86.8	70 - 130
1,2,3-Trichloropropane	10.0	0.00	12.0	120	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	7.50	75.0	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	9.66	96.6	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	12.3	123	40 - 151
1,2-Dibromoethane	10.0	0.00	12.8	128 *	75 - 125
1,2-Dichlorobenzene	10.0	0.00	9.77	97.7	70 - 122
1,2-Dichloroethane	10.0	0.00	12.8	128	70 - 130
1,2-Dichloropropane	10.0	0.00	11.7	117	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	9.71	97.1	69 - 126
1,3-Dichlorobenzene	10.0	0.00	8.92	89.2	74 - 119
1,4-Dichlorobenzene	10.0	0.00	9.01	90.1	70 - 124
2-Butanone	10.0	0.00	79.8	798 *	40 - 160
2-Hexanone	10.0	0.00	11.4	114	53 - 133
4-Methyl-2-pentanone	10.0	0.00	11.9	119	40 - 150
Acetone	10.0	0.430	12.9	125	40 - 149
Acrolein	10.0	0.00	21.8	218 *	10 - 195
Acrylonitrile	10.0	0.00	11.9	119	37 - 165
Benzene	10.0	0.00	12.7	127	70 - 130
Bromochloromethane	10.0	0.00	12.2	122 *	75 - 121
Bromodichloromethane	10.0	0.00	11.9	119	70 - 129
Bromoform	10.0	0.00	12.5	125	70 - 130
Bromomethane	10.0	0.00	11.3	113	40 - 158
Carbon disulfide	10.0	0.00	8.51	85.1	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	10.0	0.00	12.2	122	71 - 130
Chlorobenzene	10.0	0.00	11.4	114	81 - 117
Chloroethane	10.0	0.00	15.4	154 *	51 - 145
Chloroform	10.0	0.00	12.7	127 *	80 - 124
Chloromethane	10.0	0.00	9.80	98.0	40 - 160
cis-1,2-Dichloroethylene	10.0	329	346	170 *	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	11.5	115	70 - 130
Cyclohexane	10.0	0.00	9.14	91.4	70 - 130
Dibromochloromethane	10.0	0.00	12.4	124	71 - 129
Dibromomethane	10.0	0.00	12.4	124 *	76 - 120
Dichlorodifluoromethane	10.0	0.00	6.78	67.8	40 - 147
Ethyl Benzene	10.0	0.00	11.1	111	72 - 128
Hexachlorobutadiene	10.0	0.00	6.74	67.4	34 - 166
Isopropylbenzene	10.0	0.00	9.89	98.9	70 - 130
Methyl acetate	10.0	0.00	16.0	160 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.9	119	75 - 128
Methylcyclohexane	10.0	0.00	7.67	76.7	70 - 130
Methylene chloride	10.0	0.00	11.2	112	70 - 128
n-Butylbenzene	10.0	0.00	7.60	76.0	61 - 138
n-Propylbenzene	10.0	0.00	8.94	89.4	66 - 134
o-Xylene	10.0	0.00	11.6	116	70 - 126
p- & m- Xylenes	20.0	0.00	21.6	108	70 - 130
p-Isopropyltoluene	10.0	0.00	8.48	84.8	64 - 137
sec-Butylbenzene	10.0	0.00	8.83	88.3	53 - 155
Styrene	10.0	0.00	11.0	110	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	37.5	75.0	10 - 130
tert-Butylbenzene	10.0	0.00	9.84	98.4	65 - 139
Tetrachloroethylene	10.0	0.370	7.64	72.7	70 - 130
Toluene	10.0	0.00	11.7	117	76 - 123
trans-1,2-Dichloroethylene	10.0	12.0	22.5	104	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	11.4	114	70 - 130
trans-1,4-dichloro-2-butene	10.0	0.00	11.0	110	25 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-MS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	0.710	10.8	101	70 - 130
Trichlorofluoromethane	10.0	0.00	10.6	106	61 - 142
Vinyl Chloride	10.0	0.780	10.2	93.9	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.7	117	3.78	30	45 - 161
1,1,1-Trichloroethane	10.0	12.7	127	3.33	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.6	116	3.54	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.57	85.7	0.468	20	70 - 130
1,1,2-Trichloroethane	10.0	12.0	120	4.17	20	70 - 130
1,1-Dichloroethane	10.0	11.7	117	3.35	20	70 - 130
1,1-Dichloroethylene	10.0	10.7	107	5.08	20	70 - 130
1,2,3-Trichlorobenzene	10.0	9.59	95.9	9.96	20	70 - 130
1,2,3-Trichloropropane	10.0	11.6	116	3.14	30	74 - 127
1,2,4-Trichlorobenzene	10.0	8.23	82.3	9.28	20	70 - 130
1,2,4-Trimethylbenzene	10.0	9.44	94.4	2.30	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	12.3	123	0.163	20	40 - 151
1,2-Dibromoethane	10.0	12.3	123	4.31	20	75 - 125
1,2-Dichlorobenzene	10.0	9.56	95.6	2.17	20	70 - 122
1,2-Dichloroethane	10.0	12.4	124	3.56	20	70 - 130
1,2-Dichloropropane	10.0	11.2	112	4.56	20	77 - 121
1,3,5-Trimethylbenzene	10.0	9.54	95.4	1.77	30	69 - 126
1,3-Dichlorobenzene	10.0	8.80	88.0	1.35	20	74 - 119
1,4-Dichlorobenzene	10.0	8.80	88.0	2.36	20	70 - 124
2-Butanone	10.0	76.6	766 *	4.09	20	40 - 160
2-Hexanone	10.0	11.3	113	0.969	20	53 - 133
4-Methyl-2-pentanone	10.0	11.5	115	3.51	20	40 - 150
Acetone	10.0	11.2	107	14.6	20	40 - 149
Acrolein	10.0	21.4	214 *	2.17	30	10 - 195
Acrylonitrile	10.0	10.6	106	10.9	30	37 - 165
Benzene	10.0	12.2	122	3.53	20	70 - 130
Bromochloromethane	10.0	11.6	116	4.37	20	75 - 121
Bromodichloromethane	10.0	11.6	116	2.97	20	70 - 129
Bromoform	10.0	12.2	122	1.78	20	70 - 130
Bromomethane	10.0	14.0	140	21.3 *	20	40 - 158
Carbon disulfide	10.0	8.21	82.1	3.59	20	40 - 138
Carbon tetrachloride	10.0	11.9	119	2.57	20	71 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10.0	10.8	108	4.77	20	81 - 117
Chloroethane	10.0	14.9	149 *	3.43	20	51 - 145
Chloroform	10.0	12.2	122	3.78	20	80 - 124
Chloromethane	10.0	9.47	94.7	3.43	20	40 - 160
cis-1,2-Dichloroethylene	10.0	337	79.2	2.66	20	76 - 125
cis-1,3-Dichloropropylene	10.0	11.1	111	4.07	20	70 - 130
Cyclohexane	10.0	8.84	88.4	3.34	20	70 - 130
Dibromochloromethane	10.0	12.1	121	2.77	20	71 - 129
Dibromomethane	10.0	12.0	120	3.70	30	76 - 120
Dichlorodifluoromethane	10.0	6.65	66.5	1.94	20	40 - 147
Ethyl Benzene	10.0	10.6	106	4.80	20	72 - 128
Hexachlorobutadiene	10.0	7.07	70.7	4.78	30	34 - 166
Isopropylbenzene	10.0	9.58	95.8	3.18	20	70 - 130
Methyl acetate	10.0	15.9	159 *	0.752	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.8	128	7.06	20	75 - 128
Methylcyclohexane	10.0	7.61	76.1	0.785	20	70 - 130
Methylene chloride	10.0	10.8	108	3.46	20	70 - 128
n-Butylbenzene	10.0	7.82	78.2	2.85	30	61 - 138
n-Propylbenzene	10.0	8.69	86.9	2.84	30	66 - 134
o-Xylene	10.0	11.1	111	4.93	20	70 - 126
p- & m- Xylenes	20.0	20.6	103	4.51	20	70 - 130
p-Isopropyltoluene	10.0	8.38	83.8	1.19	30	64 - 137
sec-Butylbenzene	10.0	8.67	86.7	1.83	30	53 - 155
Styrene	10.0	10.6	106	4.44	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	56.6	113	40.7 *	30	10 - 130
tert-Butylbenzene	10.0	9.51	95.1	3.41	30	65 - 139
Tetrachloroethylene	10.0	7.50	71.3	1.85	20	70 - 130
Toluene	10.0	11.0	110	5.54	20	76 - 123
trans-1,2-Dichloroethylene	10.0	21.5	94.8	4.41	20	79 - 130
trans-1,3-Dichloropropylene	10.0	11.1	111	2.48	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	11.0	110	0.545	30	25 - 155
Trichloroethylene	10.0	10.2	95.0	5.89	20	70 - 130
Trichlorofluoromethane	10.0	10.3	103	2.49	20	61 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	9.80	90.2	3.71	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	8.29	82.9	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.09	90.9	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.46	84.6	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	82 - 123
1,1-Dichloroethane	10.0	8.11	81.1 *	82 - 129
1,1-Dichloroethylene	10.0	8.60	86.0	68 - 138
1,2,3-Trichlorobenzene	10.0	9.13	91.3	76 - 136
1,2,3-Trichloropropane	10.0	9.50	95.0	77 - 128
1,2,4-Trichlorobenzene	10.0	9.20	92.0	76 - 137
1,2,4-Trimethylbenzene	10.0	9.82	98.2	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.25	92.5	45 - 147
1,2-Dibromoethane	10.0	11.2	112	83 - 124
1,2-Dichlorobenzene	10.0	9.40	94.0	79 - 123
1,2-Dichloroethane	10.0	8.38	83.8	73 - 132
1,2-Dichloropropane	10.0	9.60	96.0	78 - 126
1,3,5-Trimethylbenzene	10.0	9.64	96.4	80 - 131
1,3-Dichlorobenzene	10.0	9.25	92.5	86 - 122
1,4-Dichlorobenzene	10.0	9.61	96.1	85 - 124
2-Butanone	10.0	8.62	86.2	49 - 152
2-Hexanone	10.0	11.1	111	51 - 146
4-Methyl-2-pentanone	10.0	11.5	115	57 - 145
Acetone	10.0	10.4	104	14 - 150
Acrolein	10.0	18.5	185 *	10 - 153
Acrylonitrile	10.0	9.32	93.2	51 - 150
Benzene	10.0	8.40	84.0 *	85 - 126
Bromochloromethane	10.0	8.42	84.2	77 - 128
Bromodichloromethane	10.0	10.0	100	79 - 128
Bromoform	10.0	11.6	116	78 - 133
Bromomethane	10.0	8.56	85.6	43 - 168

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	8.20	82.0	68 - 146
Carbon tetrachloride	10.0	8.04	80.4	77 - 141
Chlorobenzene	10.0	10.4	104	88 - 120
Chloroethane	10.0	10.7	107	65 - 136
Chloroform	10.0	8.04	80.4 *	82 - 128
Chloromethane	10.0	7.32	73.2	43 - 155
cis-1,2-Dichloroethylene	10.0	8.53	85.3	83 - 129
cis-1,3-Dichloropropylene	10.0	10.9	109	80 - 131
Cyclohexane	10.0	6.68	66.8	63 - 149
Dibromochloromethane	10.0	10.9	109	80 - 130
Dibromomethane	10.0	10.5	105	72 - 134
Dichlorodifluoromethane	10.0	7.01	70.1	44 - 144
Ethyl Benzene	10.0	10.7	107	80 - 131
Hexachlorobutadiene	10.0	8.87	88.7	67 - 146
Isopropylbenzene	10.0	8.93	89.3	76 - 140
Methyl acetate	10.0	14.6	146 *	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.04	80.4	76 - 135
Methylcyclohexane	10.0	7.74	77.4	72 - 143
Methylene chloride	10.0	10.3	103	55 - 137
n-Butylbenzene	10.0	9.61	96.1	79 - 132
n-Propylbenzene	10.0	8.99	89.9	78 - 133
o-Xylene	10.0	11.3	113	78 - 130
p- & m- Xylenes	20.0	22.8	114	77 - 133
p-Isopropyltoluene	10.0	9.44	94.4	81 - 136
sec-Butylbenzene	10.0	9.33	93.3	79 - 137
Styrene	10.0	10.7	107	67 - 132
tert-Butyl alcohol (TBA)	50.0	48.0	95.9	25 - 162
tert-Butylbenzene	10.0	9.07	90.7	77 - 138
Tetrachloroethylene	10.0	8.40	84.0	82 - 131
Toluene	10.0	10.4	104	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	7.78	77.8 *	80 - 132
trans-1,3-Dichloropropylene	10.0	11.2	112	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.55	95.5	63 - 141
Trichloroethylene	10.0	9.42	94.2	82 - 128
Trichlorofluoromethane	10.0	8.32	83.2	67 - 139
Vinyl Chloride	10.0	7.46	74.6	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	2.50	30	82 - 126
1,1,1-Trichloroethane	10.0	8.44	84.4	1.79	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.31	93.1	2.39	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.35	83.5	1.31	30	54 - 165
1,1,2-Trichloroethane	10.0	10.9	109	1.20	30	82 - 123
1,1-Dichloroethane	10.0	8.38	83.8	3.27	30	82 - 129
1,1-Dichloroethylene	10.0	8.56	85.6	0.466	30	68 - 138
1,2,3-Trichlorobenzene	10.0	9.27	92.7	1.52	30	76 - 136
1,2,3-Trichloropropane	10.0	9.68	96.8	1.88	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.38	93.8	1.94	30	76 - 137
1,2,4-Trimethylbenzene	10.0	9.93	99.3	1.11	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.45	94.5	2.14	30	45 - 147
1,2-Dibromoethane	10.0	11.3	113	0.980	30	83 - 124
1,2-Dichlorobenzene	10.0	9.50	95.0	1.06	30	79 - 123
1,2-Dichloroethane	10.0	8.71	87.1	3.86	30	73 - 132
1,2-Dichloropropane	10.0	9.97	99.7	3.78	30	78 - 126
1,3,5-Trimethylbenzene	10.0	9.86	98.6	2.26	30	80 - 131
1,3-Dichlorobenzene	10.0	9.34	93.4	0.968	30	86 - 122
1,4-Dichlorobenzene	10.0	9.67	96.7	0.622	30	85 - 124
2-Butanone	10.0	8.72	87.2	1.15	30	49 - 152
2-Hexanone	10.0	11.2	112	1.26	30	51 - 146
4-Methyl-2-pentanone	10.0	11.7	117	1.03	30	57 - 145
Acetone	10.0	9.99	99.9	4.41	30	14 - 150
Acrolein	10.0	19.2	192 *	3.55	30	10 - 153
Acrylonitrile	10.0	9.40	94.0	0.855	30	51 - 150
Benzene	10.0	8.58	85.8	2.12	30	85 - 126
Bromochloromethane	10.0	8.75	87.5	3.84	30	77 - 128
Bromodichloromethane	10.0	10.3	103	2.76	30	79 - 128
Bromoform	10.0	11.8	118	2.05	30	78 - 133
Bromomethane	10.0	8.90	89.0	3.89	30	43 - 168

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	8.15	81.5	0.612	30	68 - 146
Carbon tetrachloride	10.0	8.27	82.7	2.82	30	77 - 141
Chlorobenzene	10.0	10.6	106	1.72	30	88 - 120
Chloroethane	10.0	10.6	106	0.845	30	65 - 136
Chloroform	10.0	8.27	82.7	2.82	30	82 - 128
Chloromethane	10.0	7.27	72.7	0.685	30	43 - 155
cis-1,2-Dichloroethylene	10.0	8.75	87.5	2.55	30	83 - 129
cis-1,3-Dichloropropylene	10.0	11.1	111	2.00	30	80 - 131
Cyclohexane	10.0	6.80	68.0	1.78	30	63 - 149
Dibromochloromethane	10.0	11.0	110	0.639	30	80 - 130
Dibromomethane	10.0	10.5	105	0.0952	30	72 - 134
Dichlorodifluoromethane	10.0	6.98	69.8	0.429	30	44 - 144
Ethyl Benzene	10.0	10.9	109	1.85	30	80 - 131
Hexachlorobutadiene	10.0	9.22	92.2	3.87	30	67 - 146
Isopropylbenzene	10.0	8.94	89.4	0.112	30	76 - 140
Methyl acetate	10.0	14.6	146 *	0.0683	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.20	82.0	1.97	30	76 - 135
Methylcyclohexane	10.0	7.94	79.4	2.55	30	72 - 143
Methylene chloride	10.0	11.5	115	11.3	30	55 - 137
n-Butylbenzene	10.0	9.73	97.3	1.24	30	79 - 132
n-Propylbenzene	10.0	9.11	91.1	1.33	30	78 - 133
o-Xylene	10.0	11.5	115	1.57	30	78 - 130
p- & m- Xylenes	20.0	23.3	117	2.30	30	77 - 133
p-Isopropyltoluene	10.0	9.55	95.5	1.16	30	81 - 136
sec-Butylbenzene	10.0	9.41	94.1	0.854	30	79 - 137
Styrene	10.0	10.9	109	1.39	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	49.2	98.3	2.47	30	25 - 162
tert-Butylbenzene	10.0	9.14	91.4	0.769	30	77 - 138
Tetrachloroethylene	10.0	8.44	84.4	0.475	30	82 - 131
Toluene	10.0	10.6	106	2.19	30	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	7.99	79.9 *	2.66	30	80 - 132
trans-1,3-Dichloropropylene	10.0	11.5	115	2.65	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.49	94.9	0.630	30	63 - 141
Trichloroethylene	10.0	9.72	97.2	3.13	30	82 - 128
Trichlorofluoromethane	10.0	8.28	82.8	0.482	30	67 - 139
Vinyl Chloride	10.0	7.48	74.8	0.268	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.45	94.5	82 - 126
1,1,1-Trichloroethane	10.0	10.3	103	78 - 130
1,1,2,2-Tetrachloroethane	10.0	9.60	96.0	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.64	96.4	70 - 130
1,1,2-Trichloroethane	10.0	9.82	98.2	82 - 123
1,1-Dichloroethane	10.0	9.55	95.5	82 - 129
1,1-Dichloroethylene	10.0	9.98	99.8	70 - 130
1,2,3-Trichlorobenzene	10.0	11.1	111	76 - 130
1,2,3-Trichloropropane	10.0	9.56	95.6	77 - 128
1,2,4-Trichlorobenzene	10.0	9.96	99.6	76 - 130
1,2,4-Trimethylbenzene	10.0	9.63	96.3	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	45 - 147
1,2-Dibromoethane	10.0	9.73	97.3	83 - 124
1,2-Dichlorobenzene	10.0	9.21	92.1	79 - 123
1,2-Dichloroethane	10.0	10.1	101	73 - 130
1,2-Dichloropropane	10.0	9.00	90.0	78 - 126
1,3,5-Trimethylbenzene	10.0	9.70	97.0	80 - 131
1,3-Dichlorobenzene	10.0	9.07	90.7	86 - 122
1,4-Dichlorobenzene	10.0	9.12	91.2	85 - 124
2-Butanone	10.0	11.3	113	49 - 152
2-Hexanone	10.0	9.35	93.5	51 - 146
4-Methyl-2-pentanone	10.0	9.35	93.5	57 - 145
Acetone	10.0	10.3	103	40 - 150
Acrolein	10.0	18.3	183 *	10 - 153
Acrylonitrile	10.0	9.67	96.7	51 - 150
Benzene	10.0	10.1	101	85 - 126
Bromochloromethane	10.0	9.66	96.6	77 - 128
Bromodichloromethane	10.0	9.28	92.8	79 - 128
Bromoform	10.0	9.75	97.5	78 - 130
Bromomethane	10.0	11.2	112	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	8.84	88.4	68 - 146
Carbon tetrachloride	10.0	10.2	102	77 - 130
Chlorobenzene	10.0	9.54	95.4	88 - 120
Chloroethane	10.0	12.8	128	65 - 136
Chloroform	10.0	9.87	98.7	82 - 128
Chloromethane	10.0	8.33	83.3	43 - 155
cis-1,2-Dichloroethylene	10.0	9.73	97.3	83 - 129
cis-1,3-Dichloropropylene	10.0	9.34	93.4	80 - 130
Cyclohexane	10.0	8.72	87.2	70 - 130
Dibromochloromethane	10.0	9.68	96.8	80 - 130
Dibromomethane	10.0	9.47	94.7	72 - 134
Dichlorodifluoromethane	10.0	7.55	75.5	44 - 144
Ethyl Benzene	10.0	9.72	97.2	80 - 130
Hexachlorobutadiene	10.0	8.57	85.7	67 - 146
Isopropylbenzene	10.0	9.26	92.6	76 - 130
Methyl acetate	10.0	13.9	139 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	10.6	106	76 - 130
Methylcyclohexane	10.0	8.63	86.3	72 - 130
Methylene chloride	10.0	11.7	117	70 - 130
n-Butylbenzene	10.0	9.35	93.5	79 - 132
n-Propylbenzene	10.0	9.21	92.1	78 - 133
o-Xylene	10.0	10.0	100	78 - 130
p- & m- Xylenes	20.0	20.0	100	77 - 130
p-Isopropyltoluene	10.0	9.35	93.5	81 - 136
sec-Butylbenzene	10.0	9.33	93.3	79 - 137
Styrene	10.0	9.61	96.1	70 - 130
tert-Butyl alcohol (TBA)	50.0	44.5	88.9	25 - 162
tert-Butylbenzene	10.0	9.30	93.0	77 - 138
Tetrachloroethylene	10.0	7.42	74.2 *	82 - 130
Toluene	10.0	9.62	96.2	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	9.84	98.4	80 - 130
trans-1,3-Dichloropropylene	10.0	9.37	93.7	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.18	91.8	63 - 141
Trichloroethylene	10.0	8.91	89.1	82 - 128
Trichlorofluoromethane	10.0	9.90	99.0	67 - 139
Vinyl Chloride	10.0	8.68	86.8	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	7.44	30	82 - 126
1,1,1-Trichloroethane	10.0	11.1	111	7.55	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102	5.57	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	108	11.3	20	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	2.41	20	82 - 123
1,1-Dichloroethane	10.0	10.2	102	6.97	20	82 - 129
1,1-Dichloroethylene	10.0	11.0	110	10.0	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.3	113	1.16	20	76 - 130
1,2,3-Trichloropropane	10.0	10.2	102	6.09	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.4	104	4.32	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	9.78	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	0.472	20	45 - 147
1,2-Dibromoethane	10.0	10.1	101	4.13	20	83 - 124
1,2-Dichlorobenzene	10.0	9.99	99.9	8.12	20	79 - 123
1,2-Dichloroethane	10.0	10.6	106	4.66	20	73 - 130
1,2-Dichloropropane	10.0	9.76	97.6	8.10	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.6	106	8.58	30	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	9.95	20	86 - 122
1,4-Dichlorobenzene	10.0	10.0	100	9.30	20	85 - 124
2-Butanone	10.0	10.8	108	4.44	20	49 - 152
2-Hexanone	10.0	8.73	87.3	6.86	20	51 - 146
4-Methyl-2-pentanone	10.0	9.13	91.3	2.38	20	57 - 145
Acetone	10.0	10.9	109	5.47	20	40 - 150
Acrolein	10.0	15.8	158 *	14.2	30	10 - 153
Acrylonitrile	10.0	9.60	96.0	0.727	30	51 - 150
Benzene	10.0	11.0	110	8.75	20	85 - 126
Bromochloromethane	10.0	10.2	102	5.73	20	77 - 128
Bromodichloromethane	10.0	10.0	100	7.57	20	79 - 128
Bromoform	10.0	10.1	101	3.23	20	78 - 130
Bromomethane	10.0	12.3	123	9.03	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	9.94	99.4	11.7	20	68 - 146
Carbon tetrachloride	10.0	11.1	111	8.52	20	77 - 130
Chlorobenzene	10.0	10.4	104	8.14	20	88 - 120
Chloroethane	10.0	14.2	142 *	10.4	20	65 - 136
Chloroform	10.0	10.6	106	7.41	20	82 - 128
Chloromethane	10.0	10.2	102	20.5 *	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.4	104	7.04	20	83 - 129
cis-1,3-Dichloropropylene	10.0	9.92	99.2	6.02	20	80 - 130
Cyclohexane	10.0	9.60	96.0	9.61	20	70 - 130
Dibromochloromethane	10.0	10.2	102	5.33	20	80 - 130
Dibromomethane	10.0	9.88	98.8	4.24	30	72 - 134
Dichlorodifluoromethane	10.0	11.6	116	42.3 *	20	44 - 144
Ethyl Benzene	10.0	10.6	106	8.28	20	80 - 130
Hexachlorobutadiene	10.0	9.82	98.2	13.6	30	67 - 146
Isopropylbenzene	10.0	10.3	103	11.0	20	76 - 130
Methyl acetate	10.0	7.72	77.2	57.0 *	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	10.2	102	3.76	20	76 - 130
Methylcyclohexane	10.0	9.56	95.6	10.2	20	72 - 130
Methylene chloride	10.0	11.7	117	0.257	20	70 - 130
n-Butylbenzene	10.0	10.4	104	10.4	30	79 - 132
n-Propylbenzene	10.0	10.2	102	10.1	30	78 - 133
o-Xylene	10.0	10.7	107	6.28	20	78 - 130
p- & m- Xylenes	20.0	21.3	106	6.06	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	11.0	30	81 - 136
sec-Butylbenzene	10.0	10.3	103	10.3	30	79 - 137
Styrene	10.0	10.3	103	7.12	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	25.7	51.3	53.6 *	30	25 - 162
tert-Butylbenzene	10.0	10.2	102	9.23	30	77 - 138
Tetrachloroethylene	10.0	8.12	81.2 *	9.01	20	82 - 130
Toluene	10.0	10.5	105	8.46	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.7	107	8.65	20	80 - 130
trans-1,3-Dichloropropylene	10.0	9.67	96.7	3.15	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.57	95.7	4.16	30	63 - 141
Trichloroethylene	10.0	9.73	97.3	8.80	20	82 - 128
Trichlorofluoromethane	10.0	11.3	113	13.4	20	67 - 139
Vinyl Chloride	10.0	10.4	104	18.3	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	82 - 126
1,1,1-Trichloroethane	10.0	11.4	114	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.99	99.9	70 - 130
1,1,2-Trichloroethane	10.0	11.1	111	82 - 123
1,1-Dichloroethane	10.0	10.8	108	82 - 129
1,1-Dichloroethylene	10.0	10.7	107	70 - 130
1,2,3-Trichlorobenzene	10.0	11.8	118	76 - 130
1,2,3-Trichloropropane	10.0	10.2	102	77 - 128
1,2,4-Trichlorobenzene	10.0	10.8	108	76 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.7	107	45 - 147
1,2-Dibromoethane	10.0	10.8	108	83 - 124
1,2-Dichlorobenzene	10.0	10.2	102	79 - 123
1,2-Dichloroethane	10.0	11.4	114	73 - 130
1,2-Dichloropropane	10.0	10.1	101	78 - 126
1,3,5-Trimethylbenzene	10.0	10.5	105	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	86 - 122
1,4-Dichlorobenzene	10.0	10.0	100	85 - 124
2-Butanone	10.0	12.2	122	49 - 152
2-Hexanone	10.0	9.44	94.4	51 - 146
4-Methyl-2-pentanone	10.0	9.80	98.0	57 - 145
Acetone	10.0	10.5	105	40 - 150
Acrolein	10.0	15.9	159 *	10 - 153
Acrylonitrile	10.0	10.4	104	51 - 150
Benzene	10.0	11.6	116	85 - 126
Bromochloromethane	10.0	11.0	110	77 - 128
Bromodichloromethane	10.0	10.4	104	79 - 128
Bromoform	10.0	10.8	108	78 - 130
Bromomethane	10.0	15.1	151	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	9.80	98.0	68 - 146
Carbon tetrachloride	10.0	11.2	112	77 - 130
Chlorobenzene	10.0	10.7	107	88 - 120
Chloroethane	10.0	14.4	144 *	65 - 136
Chloroform	10.0	11.3	113	82 - 128
Chloromethane	10.0	9.99	99.9	43 - 155
cis-1,2-Dichloroethylene	10.0	12.4	124	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	80 - 130
Cyclohexane	10.0	9.06	90.6	70 - 130
Dibromochloromethane	10.0	10.9	109	80 - 130
Dibromomethane	10.0	10.6	106	72 - 134
Dichlorodifluoromethane	10.0	9.71	97.1	44 - 144
Ethyl Benzene	10.0	10.8	108	80 - 130
Hexachlorobutadiene	10.0	9.43	94.3	67 - 146
Isopropylbenzene	10.0	10.0	100	76 - 130
Methyl acetate	10.0	8.25	82.5	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	76 - 130
Methylcyclohexane	10.0	8.59	85.9	72 - 130
Methylene chloride	10.0	10.8	108	70 - 130
n-Butylbenzene	10.0	9.98	99.8	79 - 132
n-Propylbenzene	10.0	9.90	99.0	78 - 133
o-Xylene	10.0	11.0	110	78 - 130
p- & m- Xylenes	20.0	21.7	108	77 - 130
p-Isopropyltoluene	10.0	10.1	101	81 - 136
sec-Butylbenzene	10.0	9.92	99.2	79 - 137
Styrene	10.0	10.7	107	70 - 130
tert-Butyl alcohol (TBA)	50.0	49.8	99.7	25 - 162
tert-Butylbenzene	10.0	9.93	99.3	77 - 138
Tetrachloroethylene	10.0	8.34	83.4	82 - 130
Toluene	10.0	10.7	107	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.9	109	80 - 130
trans-1,3-Dichloropropylene	10.0	10.7	107	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.97	99.7	63 - 141
Trichloroethylene	10.0	9.99	99.9	82 - 128
Trichlorofluoromethane	10.0	10.5	105	67 - 139
Vinyl Chloride	10.0	9.89	98.9	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BJ50090
Laboratory ID: BJ50090-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	0.0956	30	82 - 126
1,1,1-Trichloroethane	10.0	11.2	112	0.974	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1	101	4.55	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.82	98.2	1.72	20	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104	6.24	20	82 - 123
1,1-Dichloroethane	10.0	10.5	105	2.44	20	82 - 129
1,1-Dichloroethylene	10.0	10.6	106	1.41	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.2	112	5.82	20	76 - 130
1,2,3-Trichloropropane	10.0	9.95	99.5	2.38	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.3	103	5.03	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107	1.69	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.2	102	4.30	20	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.43	20	83 - 124
1,2-Dichlorobenzene	10.0	10.2	102	0.197	20	79 - 123
1,2-Dichloroethane	10.0	10.7	107	6.78	20	73 - 130
1,2-Dichloropropane	10.0	10.2	102	0.296	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.8	108	2.44	30	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	1.19	20	86 - 122
1,4-Dichlorobenzene	10.0	10.2	102	1.09	20	85 - 124
2-Butanone	10.0	10.6	106	14.8	20	49 - 152
2-Hexanone	10.0	8.53	85.3	10.1	20	51 - 146
4-Methyl-2-pentanone	10.0	8.70	87.0	11.9	20	57 - 145
Acetone	10.0	11.4	114	7.93	20	40 - 150
Acrolein	10.0	15.3	153	4.23	30	10 - 153
Acrylonitrile	10.0	9.83	98.3	5.73	30	51 - 150
Benzene	10.0	11.4	114	1.75	20	85 - 126
Bromochloromethane	10.0	10.2	102	7.27	20	77 - 128
Bromodichloromethane	10.0	10.3	103	1.06	20	79 - 128
Bromoform	10.0	10.2	102	6.11	20	78 - 130
Bromomethane	10.0	14.1	141	7.40	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	9.73	97.3	0.717	20	68 - 146
Carbon tetrachloride	10.0	11.0	110	2.07	20	77 - 130
Chlorobenzene	10.0	10.6	106	1.03	20	88 - 120
Chloroethane	10.0	13.9	139 *	3.18	20	65 - 136
Chloroform	10.0	11.0	110	2.79	20	82 - 128
Chloromethane	10.0	10.1	101	1.39	20	43 - 155
cis-1,2-Dichloroethylene	10.0	11.4	114	8.15	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103	3.64	20	80 - 130
Cyclohexane	10.0	8.86	88.6	2.23	20	70 - 130
Dibromochloromethane	10.0	10.3	103	6.12	20	80 - 130
Dibromomethane	10.0	10.0	100	5.91	30	72 - 134
Dichlorodifluoromethane	10.0	9.40	94.0	3.24	20	44 - 144
Ethyl Benzene	10.0	10.8	108	0.186	20	80 - 130
Hexachlorobutadiene	10.0	10.1	101	6.56	30	67 - 146
Isopropylbenzene	10.0	10.4	104	3.33	20	76 - 130
Methyl acetate	10.0	7.26	72.6	12.8	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	8.86	88.6	22.6 *	20	76 - 130
Methylcyclohexane	10.0	8.64	86.4	0.580	20	72 - 130
Methylene chloride	10.0	10.3	103	4.73	20	70 - 130
n-Butylbenzene	10.0	10.1	101	0.997	30	79 - 132
n-Propylbenzene	10.0	10.2	102	2.69	30	78 - 133
o-Xylene	10.0	10.9	109	0.912	20	78 - 130
p- & m- Xylenes	20.0	21.6	108	0.324	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	2.64	30	81 - 136
sec-Butylbenzene	10.0	10.1	101	2.00	30	79 - 137
Styrene	10.0	10.6	106	1.04	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	25.0	50.0	66.3 *	30	25 - 162
tert-Butylbenzene	10.0	10.2	102	2.68	30	77 - 138
Tetrachloroethylene	10.0	8.37	83.7	0.359	20	82 - 130
Toluene	10.0	10.8	108	0.464	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.8	108	0.738	20	80 - 130
trans-1,3-Dichloropropylene	10.0	9.73	97.3	9.12	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.26	92.6	7.38	30	63 - 141
Trichloroethylene	10.0	10.2	102	2.57	20	82 - 128
Trichlorofluoromethane	10.0	10.4	104	1.25	20	67 - 139
Vinyl Chloride	10.0	9.71	97.1	1.84	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BI52027 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
TB (20250925)	25I1726-02	V8-007162.D	09/29/25 07:00	
Blank	BI52027-BLK1	V8-007161.D	09/29/25 07:19	
LCS	BI52027-BS1	V8-007157.D	09/29/25 07:19	
LCS Dup	BI52027-BSD1	V8-007159.D	09/29/25 07:19	

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BI52044 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 20250925	25I1726-01	V10C15900.D	09/29/25 07:26	
Blank	BI52044-BLK1	V10C15899.D	09/29/25 07:26	
LCS	BI52044-BS1	V10C15896.D	09/29/25 07:26	
LCS Dup	BI52044-BSD1	V10C15897.D	09/29/25 07:26	
MW-9 20250925	BI52044-MS1	V10C15916.D	09/29/25 07:26	25I1726-01 B
MW-9 20250925	BI52044-MSD1	V10C15917.D	09/29/25 07:26	25I1726-01 C

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BJ50090 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 20250925	25I1726-01RE1	V10C15992.D	10/01/25 07:00	From BI52044 by PMB on 10/01/2025 RE1 25X
Blank	BJ50090-BLK1	V10C15976.D	10/01/25 07:00	
LCS	BJ50090-BS1	V10C15973.D	10/01/25 07:00	
LCS Dup	BJ50090-BSD1	V10C15974.D	10/01/25 07:00	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.280	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.200	J
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	1.42	J
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.310	J
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.530	
179601-23-1	p- & m- Xylenes	1.46	
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.99	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.99	99.9	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.4	104	79 - 122	
SURR: Toluene-d8	10.0	11.6	116	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	233080	11.737	340168	11.737	
ISTD: Chlorobenzene-d5	135365	8.756	169540	8.75	
ISTD: Fluorobenzene	91450	5.733	102089	5.727	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.260	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	3.93	
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	
SURR: Toluene-d8	10.0	9.81	98.1	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	173794	11.991	193907	11.985	
ISTD: Chlorobenzene-d5	142933	8.991	146745	8.991	
ISTD: Fluorobenzene	97943	5.961	99774	5.962	

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METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.290	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.510	
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	0.760	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	
SURR: Toluene-d8	10.0	9.84	98.4	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	184183	11.985	193228	11.985	
ISTD: Chlorobenzene-d5	148103	8.991	150550	8.991	
ISTD: Fluorobenzene	101343	5.961	102738	5.961	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15373.D	Injection Date:	09/16/25
Instrument ID:	VOA No. 10	Injection Time:	16:39
Sequence:	S5I1802	Lab Sample ID:	S5I1802-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.2	PASS
75	30 - 60% of 95	50.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	69.1	PASS
175	5 - 9% of 174	7.51	PASS
176	95 - 101% of 174	96.1	PASS
177	5 - 10% of 176	6.48	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V8-006836.D	Injection Date:	09/17/25
Instrument ID:	VOA No. 8	Injection Time:	17:13
Sequence:	S5I1904	Lab Sample ID:	S5I1904-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	24	PASS
75	30 - 60% of 95	56.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	76.9	PASS
175	5 - 9% of 174	7.75	PASS
176	95 - 101% of 174	96	PASS
177	5 - 10% of 176	6.56	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V8-007155.D	Injection Date:	09/29/25
Instrument ID:	VOA No. 8	Injection Time:	13:00
Sequence:	S5I3013	Lab Sample ID:	S5I3013-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.4	PASS
75	30 - 60% of 95	55	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.32	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.5	PASS
175	5 - 9% of 174	7.65	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 10% of 176	6.21	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15894.D	Injection Date:	09/30/25
Instrument ID:	VOA No. 10	Injection Time:	04:00
Sequence:	S5J0112	Lab Sample ID:	S5J0112-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	45.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.66	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	65.3	PASS
175	5 - 9% of 174	7.88	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 10% of 176	6.65	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15971.D	Injection Date:	10/01/25
Instrument ID:	VOA No. 10	Injection Time:	19:11
Sequence:	S5J0206	Lab Sample ID:	S5J0206-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.9	PASS
75	30 - 60% of 95	52.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.7	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	63	PASS
175	5 - 9% of 174	7.82	PASS
176	95 - 101% of 174	98.5	PASS
177	5 - 10% of 176	6.41	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1802
Instrument: VOA No. 10
Calibration: SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I1802-TUN1	V10C15373.D	09/16/25 16:39
Cal Standard	S5I1802-CAL1	V10C15374.D	09/16/25 17:08
Cal Standard	S5I1802-CAL2	V10C15375.D	09/16/25 17:37
Cal Standard	S5I1802-CAL3	V10C15376.D	09/16/25 18:05
Cal Standard	S5I1802-CAL4	V10C15377.D	09/16/25 18:34
Cal Standard	S5I1802-CAL5	V10C15378.D	09/16/25 19:02
Cal Standard	S5I1802-CAL6	V10C15379.D	09/16/25 19:31
Cal Standard	S5I1802-CAL7	V10C15380.D	09/16/25 20:00
Cal Standard	S5I1802-CAL8	V10C15381.D	09/16/25 20:28
Cal Standard	S5I1802-CAL9	V10C15382.D	09/16/25 20:57
Cal Standard	S5I1802-CALA	V10C15383.D	09/16/25 21:25
Secondary Cal Check	S5I1802-SCV1	V10C15387.D	09/16/25 23:19

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904
Instrument: VOA No. 8
Calibration: SI50030

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I1904-TUN1	V8-006836.D	09/17/25 17:13
Cal Standard	S5I1904-CAL1	V8-006837.D	09/17/25 17:42
Cal Standard	S5I1904-CAL2	V8-006838.D	09/17/25 18:11
Cal Standard	S5I1904-CAL3	V8-006839.D	09/17/25 18:41
Cal Standard	S5I1904-CAL4	V8-006840.D	09/17/25 19:10
Cal Standard	S5I1904-CAL5	V8-006841.D	09/17/25 19:40
Cal Standard	S5I1904-CAL6	V8-006842.D	09/17/25 20:09
Cal Standard	S5I1904-CAL7	V8-006843.D	09/17/25 20:38
Cal Standard	S5I1904-CAL8	V8-006844.D	09/17/25 21:08
Cal Standard	S5I1904-CAL9	V8-006845.D	09/17/25 21:37
Cal Standard	S5I1904-CALA	V8-006846.D	09/17/25 22:07
Secondary Cal Check	S5I1904-SCV1	V8-006868.D	09/18/25 11:48

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5I3013	Instrument:	VOA No. 8
		Calibration:	SI50030

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I3013-TUN1	V8-007155.D	09/29/25 13:00
Calibration Check	S5I3013-CCV1	V8-007155a.D	09/29/25 13:00
LCS	BI52027-BS1	V8-007157.D	09/29/25 13:59
LCS Dup	BI52027-BSD1	V8-007159.D	09/29/25 15:03
Blank	BI52027-BLK1	V8-007161.D	09/29/25 16:01
TB (20250925)	25I1726-02	V8-007162.D	09/29/25 16:31

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5J0112	Instrument:	VOA No. 10
		Calibration:	SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5J0112-TUN1	V10C15894.D	09/30/25 04:00
Calibration Check	S5J0112-CCV1	V10C15895.D	09/30/25 04:29
LCS	BI52044-BS1	V10C15896.D	09/30/25 04:57
LCS Dup	BI52044-BSD1	V10C15897.D	09/30/25 05:26
Blank	BI52044-BLK1	V10C15899.D	09/30/25 06:23
MW-9 20250925	25I1726-01	V10C15900.D	09/30/25 06:52
MW-9 20250925	BI52044-MS1	V10C15916.D	09/30/25 14:28
MW-9 20250925	BI52044-MSD1	V10C15917.D	09/30/25 14:56

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5J0206	Instrument:	VOA No. 10
		Calibration:	SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5J0206-TUN1	V10C15971.D	10/01/25 19:11
Calibration Check	S5J0206-CCV1	V10C15972.D	10/01/25 19:40
LCS	BJ50090-BS1	V10C15973.D	10/01/25 20:08
LCS Dup	BJ50090-BSD1	V10C15974.D	10/01/25 20:37
Blank	BJ50090-BLK1	V10C15976.D	10/01/25 21:34
MW-9 20250925	25I1726-01RE1	V10C15992.D	10/02/25 05:11

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1802 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1802-CAL1)			Lab File ID: V10C15374.D			Analyzed: 09/16/25 17:08			
ISTD: Fluorobenzene	124763	5.962	133461	5.955	93	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	167594	8.992	174027	8.991	96	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	214888	11.985	214175	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL2)			Lab File ID: V10C15375.D			Analyzed: 09/16/25 17:37			
ISTD: Fluorobenzene	128052	5.962	133461	5.955	96	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	170761	8.991	174027	8.991	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	206280	11.991	214175	11.985	96	50 - 200	0.0060	+/-0.50	
Cal Standard (S5I1802-CAL3)			Lab File ID: V10C15376.D			Analyzed: 09/16/25 18:05			
ISTD: Fluorobenzene	124745	5.955	133461	5.955	93	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	171668	8.991	174027	8.991	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216097	11.985	214175	11.985	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL4)			Lab File ID: V10C15377.D			Analyzed: 09/16/25 18:34			
ISTD: Fluorobenzene	129659	5.955	133461	5.955	97	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174569	8.991	174027	8.991	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	210796	11.985	214175	11.985	98	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL5)			Lab File ID: V10C15378.D			Analyzed: 09/16/25 19:02			
ISTD: Fluorobenzene	125211	5.962	133461	5.955	94	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	172860	8.991	174027	8.991	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	212076	11.985	214175	11.985	99	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL6)			Lab File ID: V10C15379.D			Analyzed: 09/16/25 19:31			
ISTD: Fluorobenzene	125693	5.961	133461	5.955	94	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	175953	8.991	174027	8.991	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	208265	11.985	214175	11.985	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL7)			Lab File ID: V10C15380.D			Analyzed: 09/16/25 20:00			
ISTD: Fluorobenzene	133461	5.955	133461	5.955	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174027	8.991	174027	8.991	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	214175	11.985	214175	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL8)			Lab File ID: V10C15381.D			Analyzed: 09/16/25 20:28			
ISTD: Fluorobenzene	129686	5.962	133461	5.955	97	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	176973	8.992	174027	8.991	102	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	221624	11.985	214175	11.985	103	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL9)			Lab File ID: V10C15382.D			Analyzed: 09/16/25 20:57			
ISTD: Fluorobenzene	130998	5.962	133461	5.955	98	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	183304	8.991	174027	8.991	105	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	233287	11.991	214175	11.985	109	50 - 200	0.0060	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1802 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1802-CALA)			Lab File ID: V10C15383.D			Analyzed: 09/16/25 21:25			
ISTD: Fluorobenzene	138534	5.961	133461	5.955	104	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	190410	8.997	174027	8.991	109	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	236826	11.991	214175	11.985	111	50 - 200	0.0060	+/-0.50	
Secondary Cal Check (S5I1802-SCV1)			Lab File ID: V10C15387.D			Analyzed: 09/16/25 23:19			
ISTD: Fluorobenzene	130958	5.961	133461	5.955	98	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	177304	8.991	174027	8.991	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	226848	11.985	214175	11.985	106	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1904-CAL1)			Lab File ID: V8-006837.D			Analyzed: 09/17/25 17:42			
ISTD: Fluorobenzene	98103	5.733	108917	5.733	90	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	157499	8.756	193132	8.756	82	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	270253	11.743	390315	11.743	69	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL2)			Lab File ID: V8-006838.D			Analyzed: 09/17/25 18:11			
ISTD: Fluorobenzene	97102	5.732	108917	5.733	89	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	159180	8.756	193132	8.756	82	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	272749	11.743	390315	11.743	70	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL3)			Lab File ID: V8-006839.D			Analyzed: 09/17/25 18:41			
ISTD: Fluorobenzene	99177	5.732	108917	5.733	91	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	159402	8.756	193132	8.756	83	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	273001	11.743	390315	11.743	70	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL4)			Lab File ID: V8-006840.D			Analyzed: 09/17/25 19:10			
ISTD: Fluorobenzene	98073	5.733	108917	5.733	90	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155666	8.756	193132	8.756	81	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	266867	11.743	390315	11.743	68	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL5)			Lab File ID: V8-006841.D			Analyzed: 09/17/25 19:40			
ISTD: Fluorobenzene	98670	5.733	108917	5.733	91	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	161719	8.756	193132	8.756	84	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	288590	11.743	390315	11.743	74	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL6)			Lab File ID: V8-006842.D			Analyzed: 09/17/25 20:09			
ISTD: Fluorobenzene	99998	5.733	108917	5.733	92	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	172083	8.756	193132	8.756	89	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	307934	11.743	390315	11.743	79	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL7)			Lab File ID: V8-006843.D			Analyzed: 09/17/25 20:38			
ISTD: Fluorobenzene	108917	5.733	108917	5.733	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	193132	8.756	193132	8.756	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	390315	11.743	390315	11.743	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL8)			Lab File ID: V8-006844.D			Analyzed: 09/17/25 21:08			
ISTD: Fluorobenzene	115586	5.733	108917	5.733	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	223990	8.756	193132	8.756	116	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	436849	11.743	390315	11.743	112	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL9)			Lab File ID: V8-006845.D			Analyzed: 09/17/25 21:37			
ISTD: Fluorobenzene	130196	5.733	108917	5.733	120	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	286313	8.756	193132	8.756	148	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	492263	11.743	390315	11.743	126	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1904-CALA)			Lab File ID: V8-006846.D			Analyzed: 09/17/25 22:07			
ISTD: Fluorobenzene	144567	5.732	108917	5.733	133	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	387129	8.756	193132	8.756	200	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	567666	11.743	390315	11.743	145	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (S5I1904-SCV1)			Lab File ID: V8-006868.D			Analyzed: 09/18/25 11:48			
ISTD: Fluorobenzene	108571	5.733	108917	5.733	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	177569	8.756	193132	8.756	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	394991	11.743	390315	11.743	101	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I3013 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5I3013-CCV1)			Lab File ID: V8-007155a.D			Analyzed: 09/29/25 13:00			
ISTD: Fluorobenzene	102089	5.727				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	169540	8.75				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	340168	11.737				50 - 200		+/-0.50	
LCS (BI52027-BS1)			Lab File ID: V8-007157.D			Analyzed: 09/29/25 13:59			
ISTD: Fluorobenzene	104551	5.733	102089	5.727	102	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	156499	8.75	169540	8.75	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	338579	11.737	340168	11.737	100	50 - 200	0.0000	+/-0.50	
LCS Dup (BI52027-BSD1)			Lab File ID: V8-007159.D			Analyzed: 09/29/25 15:03			
ISTD: Fluorobenzene	103561	5.733	102089	5.727	101	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	156150	8.756	169540	8.75	92	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	338762	11.737	340168	11.737	100	50 - 200	0.0000	+/-0.50	
Blank (BI52027-BLK1)			Lab File ID: V8-007161.D			Analyzed: 09/29/25 16:01			
ISTD: Fluorobenzene	91450	5.733	102089	5.727	90	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	135365	8.756	169540	8.75	80	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	233080	11.737	340168	11.737	69	50 - 200	0.0000	+/-0.50	
TB (20250925) (25I1726-02)			Lab File ID: V8-007162.D			Analyzed: 09/29/25 16:31			
ISTD: Fluorobenzene	88429	5.733	102089	5.727	87	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	129733	8.756	169540	8.75	77	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	225731	11.737	340168	11.737	66	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0112 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0112-CCV1)			Lab File ID: V10C15895.D			Analyzed: 09/30/25 04:29			
ISTD: Fluorobenzene	99774	5.962				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	146745	8.991				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	193907	11.985				50 - 200		+/-0.50	
LCS (BI52044-BS1)			Lab File ID: V10C15896.D			Analyzed: 09/30/25 04:57			
ISTD: Fluorobenzene	105431	5.962	99774	5.962	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155776	8.992	146745	8.991	106	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	202908	11.991	193907	11.985	105	50 - 200	0.0060	+/-0.50	
LCS Dup (BI52044-BSD1)			Lab File ID: V10C15897.D			Analyzed: 09/30/25 05:26			
ISTD: Fluorobenzene	102682	5.961	99774	5.962	103	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	150520	8.991	146745	8.991	103	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	191942	11.991	193907	11.985	99	50 - 200	0.0060	+/-0.50	
Blank (BI52044-BLK1)			Lab File ID: V10C15899.D			Analyzed: 09/30/25 06:23			
ISTD: Fluorobenzene	97943	5.961	99774	5.962	98	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	142933	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	173794	11.991	193907	11.985	90	50 - 200	0.0060	+/-0.50	
MW-9 20250925 (25I1726-01)			Lab File ID: V10C15900.D			Analyzed: 09/30/25 06:52			
ISTD: Fluorobenzene	99634	5.962	99774	5.962	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	141677	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	168647	11.991	193907	11.985	87	50 - 200	0.0060	+/-0.50	
Matrix Spike (BI52044-MS1)			Lab File ID: V10C15916.D			Analyzed: 09/30/25 14:28			
ISTD: Fluorobenzene	97319	5.961	99774	5.962	98	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	142566	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	190872	11.991	193907	11.985	98	50 - 200	0.0060	+/-0.50	
Matrix Spike Dup (BI52044-MSD1)			Lab File ID: V10C15917.D			Analyzed: 09/30/25 14:56			
ISTD: Fluorobenzene	103392	5.961	99774	5.962	104	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	152089	8.991	146745	8.991	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	201286	11.985	193907	11.985	104	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0206 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0206-CCV1)			Lab File ID: V10C15972.D			Analyzed: 10/01/25 19:40			
ISTD: Fluorobenzene	102738	5.961				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	150550	8.991				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	193228	11.985				50 - 200		+/-0.50	
LCS (BJ50090-BS1)			Lab File ID: V10C15973.D			Analyzed: 10/01/25 20:08			
ISTD: Fluorobenzene	104955	5.955	102738	5.961	102	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	157108	8.991	150550	8.991	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	206445	11.985	193228	11.985	107	50 - 200	0.0000	+/-0.50	
LCS Dup (BJ50090-BSD1)			Lab File ID: V10C15974.D			Analyzed: 10/01/25 20:37			
ISTD: Fluorobenzene	104710	5.955	102738	5.961	102	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	151809	8.991	150550	8.991	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	192166	11.985	193228	11.985	99	50 - 200	0.0000	+/-0.50	
Blank (BJ50090-BLK1)			Lab File ID: V10C15976.D			Analyzed: 10/01/25 21:34			
ISTD: Fluorobenzene	101343	5.961	102738	5.961	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	148103	8.991	150550	8.991	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	184183	11.985	193228	11.985	95	50 - 200	0.0000	+/-0.50	
MW-9 20250925 (25I1726-01RE1)			Lab File ID: V10C15992.D			Analyzed: 10/02/25 05:11			
ISTD: Fluorobenzene	101794	5.961	102738	5.961	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	152831	8.991	150550	8.991	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	200431	11.985	193228	11.985	104	50 - 200	0.0000	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-9 20250925	09/25/25 09:55	09/25/25 21:15	09/29/25 07:26	3.90	14.00	09/30/25 06:52	4.87	14.00	
MW-9 20250925	09/25/25 09:55	09/25/25 21:15	10/01/25 07:00	5.88	14.00	10/02/25 05:11	6.80	14.00	
TB (20250925)	09/25/25 09:45	09/25/25 21:15	09/29/25 07:00	3.89	14.00	09/29/25 16:31	4.28	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 8

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 8

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

APPENDIX B

YORK LABORATORY TECHNICAL REPORT

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Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 10/13/2025
Client Project ID: 230051-170 Freemont St. Brooklyn
York Project (SDG) No.: 25I1726

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 10/13/2025
Client Project ID: 230051-170 Freemont St. Brooklyn
York Project (SDG) No.: 25I1726

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 25, 2025 and listed below. The project was identified as your project: **230051-170 Freemont St. Brooklyn**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25I1726-01	MW-9 20250925	Ground Water	09/25/2025	09/25/2025
25I1726-02	TB (20250925)	Water	09/25/2025	09/25/2025

General Notes for York Project (SDG) No.: 25I1726

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 10/13/2025

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA			

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	**cis-1,2-Dichloroethylene**	**246**	B	ug/L	7.35	12.5	25	EPA 8260D	10/01/2025 07:00	10/02/2025 05:11	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: MW-9 20250925 **York Sample ID:** 25I1726-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Ground Water	September 25, 2025 9:55 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.608	1.00	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	**Tetrachloroethylene**	**0.370**	QL-02, J	ug/L	0.239	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	**trans-1,2-Dichloroethylene**	**12.0**		ug/L	0.279	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	**Trichloroethylene**	**0.710**		ug/L	0.249	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	**Vinyl Chloride**	**0.780**		ug/L	0.469	0.500	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/29/2025 07:26	09/30/2025 06:52	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-34-3	1,1-Dichloroethane	ND	QL-02	ug/L	0.272	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-64-1	**Acetone**	**3.01**	CCVE, B	ug/L	1.34	2.00	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			

Sample Information

Client Sample ID: TB (20250925) **York Sample ID:** 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
71-43-2	Benzene	ND	QL-02	ug/L	0.279	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-83-9	Bromomethane	ND		ug/L	0.500	2.00	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
67-66-3	Chloroform	ND	QL-02	ug/L	0.243	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.451	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: TB (20250925)

York Sample ID: 25I1726-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25I1726	230051-170 Freemont St. Brooklyn	Water	September 25, 2025 9:45 am	09/25/2025

Volatile Organics, 8260 - Comprehensive (LL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
156-60-5	trans-1,2-Dichloroethylene	ND	QL-02	ug/L	0.279	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.283	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,P/			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	09/29/2025 07:00	09/29/2025 16:31	PMB
							Certifications:	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*119 %*	S-08, S-HI	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*		*79-122*

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25I1726

Client : Hydro Tech Environmental

Client Project ID : 230051-170 Freemont St. Brooklyn

Prepared for : Paul Matli

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 09/25/2025 9:15 PM

2 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{3.7}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
MW-9 20250925	25I1726-01	Water	09/25/2025 9:55 AM	09/25/2025 9:15 PM
TB (20250925)	25I1726-02	Water	09/25/2025 9:45 AM	09/25/2025 9:15 PM

WorkOrder Comments

York Analytical Work Order Narrative

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
VOA	EPA 5030B	EPA 8260D

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-9 20250925	EPA 8260D	25I1726-01	Water	tert-Butyl alcohol (TBA)	CCVE
MW-9 20250925	EPA 8260D	25I1726-01	Water	Tetrachloroethylene	QL-02
MW-9 20250925	EPA 8260D	25I1726-01	Water	Tetrachloroethylene	J
	EPA 8260D	25I1726-01RE1	Water	cis-1,2-Dichloroethylene	B
TB (20250925)	EPA 8260D	25I1726-02	Water	1,1-Dichloroethane	QL-02
TB (20250925)	EPA 8260D	25I1726-02	Water	Acetone	CCVE
TB (20250925)	EPA 8260D	25I1726-02	Water	Acetone	B
TB (20250925)	EPA 8260D	25I1726-02	Water	Benzene	QL-02
TB (20250925)	EPA 8260D	25I1726-02	Water	Chloroform	QL-02
TB (20250925)	EPA 8260D	25I1726-02	Water	Dichlorodifluoromethane	ICVE
TB (20250925)	EPA 8260D	25I1726-02	Water	SURR: Toluene-d8	S-HI
TB (20250925)	EPA 8260D	25I1726-02	Water	SURR: Toluene-d8	S-08
TB (20250925)	EPA 8260D	25I1726-02	Water	tert-Butyl alcohol (TBA)	ICVE
TB (20250925)	EPA 8260D	25I1726-02	Water	trans-1,2-Dichloroethylene	QL-02
	EPA 8260D	BI52027-BLK1	Water	1,2,3-Trichlorobenzene	J
	EPA 8260D	BI52027-BLK1	Water	1,2,4-Trichlorobenzene	J
	EPA 8260D	BI52027-BLK1	Water	Acetone	J
	EPA 8260D	BI52027-BLK1	Water	Ethyl Benzene	J
	EPA 8260D	BI52027-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52027-BS1	Water	1,2,4-Trichlorobenzene	B
	EPA 8260D	BI52027-BS1	Water	Acetone	B
	EPA 8260D	BI52027-BS1	Water	Ethyl Benzene	B
	EPA 8260D	BI52027-BS1	Water	o-Xylene	B
	EPA 8260D	BI52027-BS1	Water	p- & m- Xylenes	B
	EPA 8260D	BI52027-BSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52027-BSD1	Water	1,2,4-Trichlorobenzene	B
	EPA 8260D	BI52027-BSD1	Water	Acetone	B
	EPA 8260D	BI52027-BSD1	Water	Ethyl Benzene	B
	EPA 8260D	BI52027-BSD1	Water	o-Xylene	B
	EPA 8260D	BI52027-BSD1	Water	p- & m- Xylenes	B
	EPA 8260D	BI52044-BLK1	Water	1,2,3-Trichlorobenzene	J
	EPA 8260D	BI52044-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52044-BS1	Water	Methylene chloride	B
	EPA 8260D	BI52044-BSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52044-BSD1	Water	Methylene chloride	B
	EPA 8260D	BI52044-MS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52044-MS1	Water	Methylene chloride	B
	EPA 8260D	BI52044-MSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BI52044-MSD1	Water	Methylene chloride	B
	EPA 8260D	BJ50090-BLK1	Water	1,2,3-Trichlorobenzene	J
	EPA 8260D	BJ50090-BLK1	Water	Methylene chloride	J
	EPA 8260D	BJ50090-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BJ50090-BS1	Water	cis-1,2-Dichloroethylene	B
	EPA 8260D	BJ50090-BS1	Water	Methylene chloride	B

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8260D	BJ50090-BSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BJ50090-BSD1	Water	cis-1,2-Dichloroethylene	B
	EPA 8260D	BJ50090-BSD1	Water	Methylene chloride	B
	EPA 8260D	S5I1802-SCV1	Water	Dichlorodifluoromethane	ICVE

Qualifier Definitions :

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
S-08	The recovery of this surrogate was outside of QC limits.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI50025

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI50025	S5I1802	S5I1802	Secondary Cal Check	S5I1802-SCV1	VOA No. 10	V10C15387.D
SI50025	S5J0112	S5J0112	Calibration Check	S5J0112-CCV1	VOA No. 10	V10C15895.D
SI50025	BI52044	S5J0112	LCS	BI52044-BS1	VOA No. 10	V10C15896.D
SI50025	BI52044	S5J0112	LCS Dup	BI52044-BSD1	VOA No. 10	V10C15897.D
SI50025	BI52044	S5J0112	Blank	BI52044-BLK1	VOA No. 10	V10C15899.D
SI50025	BI52044	S5J0112	MW-9 20250925	25I1726-01	VOA No. 10	V10C15900.D
SI50025	BI52044	S5J0112	MW-9 20250925MS1	BI52044-MS1	VOA No. 10	V10C15916.D
SI50025	BI52044	S5J0112	MW-9 20250925MSD1	BI52044-MSD1	VOA No. 10	V10C15917.D
SI50025	S5J0206	S5J0206	Calibration Check	S5J0206-CCV1	VOA No. 10	V10C15972.D
SI50025	BJ50090	S5J0206	LCS	BJ50090-BS1	VOA No. 10	V10C15973.D
SI50025	BJ50090	S5J0206	LCS Dup	BJ50090-BSD1	VOA No. 10	V10C15974.D
SI50025	BJ50090	S5J0206	Blank	BJ50090-BLK1	VOA No. 10	V10C15976.D
SI50025	BJ50090	S5J0206	MW-9 20250925	25I1726-01RE1	VOA No. 10	V10C15992.D

Initial calibration for EPA 8260D met method guidelines.

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI50025	S5I1802-SCV1	Dichlorodifluoromethane	10.0	6.04	**60.4**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5J0112-CCV1	Calibration Check	V10C15895.D
BI52044-BS1	LCS	V10C15896.D
BI52044-BSD1	LCS Dup	V10C15897.D
BI52044-BLK1	Blank	V10C15899.D
25I1726-01	MW-9 20250925	V10C15900.D
BI52044-MS1	Matrix Spike	V10C15916.D
BI52044-MSD1	Matrix Spike Dup	V10C15917.D
S5J0206-CCV1	Calibration Check	V10C15972.D
BJ50090-BS1	LCS	V10C15973.D
BJ50090-BSD1	LCS Dup	V10C15974.D
BJ50090-BLK1	Blank	V10C15976.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI50025	S5J0112	S5J0112-CCV1	V10C15895.D	09/30/25 04:29
SI50025	S5J0206	S5J0206-CCV1	V10C15972.D	10/01/25 19:40

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SI50025	S5J0112-CCV1	2-Butanone	ug/L	12.2	10.0	**122**	80 120	V10C15895.D
SI50025	S5J0112-CCV1	Acetone	ug/L	14.2	10.0	**142**	80 120	V10C15895.D
SI50025	S5J0112-CCV1	Methylene chloride	ug/L	14.3	10.0	**143**	80 120	V10C15895.D
SI50025	S5J0112-CCV1	tert-Butyl alcohol (TBA)	ug/L	31.0	50.0	**62**	80 120	V10C15895.D
SI50025	S5J0112-CCV1	Tetrachloroethylene	ug/L	14.6	10.0	**146**	80 120	V10C15895.D
SI50025	S5J0206-CCV1	Chloromethane	ug/L	7.18	10.0	**71.8**	80 120	V10C15972.D
SI50025	S5J0206-CCV1	Dichlorodifluoromethane	ug/L	5.04	10.0	**50.4**	80 120	V10C15972.D
SI50025	S5J0206-CCV1	tert-Butyl alcohol (TBA)	ug/L	34.4	50.0	**68.9**	80 120	V10C15972.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI50025	S5J0112	BI52044-BS1	LCS		V10C15896.D
SI50025	S5J0112	BI52044-BSD1	LCS Dup		V10C15897.D
SI50025	S5J0112	BI52044-BLK1	Blank		V10C15899.D
SI50025	S5J0112	25I1726-01	MW-9 20250925		V10C15900.D
SI50025	S5J0112	BI52044-MS1	Matrix Spike	MW-9 20250925	V10C15916.D
SI50025	S5J0112	BI52044-MSD1	Matrix Spike Dup	MW-9 20250925	V10C15917.D
SI50025	S5J0206	BJ50090-BS1	LCS		V10C15973.D
SI50025	S5J0206	BJ50090-BSD1	LCS Dup		V10C15974.D
SI50025	S5J0206	BJ50090-BLK1	Blank		V10C15976.D

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EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
VOA	BI52044	S5J0112	VOA No. 10	BI52044-BLK1	V10C15899.D
VOA	BJ50090	S5J0206	VOA No. 10	BJ50090-BLK1	V10C15976.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5J0206	Blank	BJ50090-BLK1	Water	1,2,3-Trichlorobenzene	0.290	0.500	ug/L
S5J0112	Blank	BI52044-BLK1	Water	1,2,3-Trichlorobenzene	0.260	0.500	ug/L
S5J0206	Blank	BJ50090-BLK1	Water	cis-1,2-Dichloroethylene	0.510	0.500	ug/L
S5J0206	Blank	BJ50090-BLK1	Water	Methylene chloride	0.760	2.00	ug/L
S5J0112	Blank	BI52044-BLK1	Water	Methylene chloride	3.93	2.00	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BI52044	25I1726-01	MW-9 20250925	V10C15900.D
BJ50090	25I1726-01RE1	MW-9 20250925	V10C15992.D
BI52044	BI52044-BS1	LCS	V10C15896.D
BI52044	BI52044-BSD1	LCS Dup	V10C15897.D
BI52044	BI52044-MS1	Matrix Spike	V10C15916.D
BI52044	BI52044-MSD1	Matrix Spike Dup	V10C15917.D
BJ50090	BJ50090-BS1	LCS	V10C15973.D
BJ50090	BJ50090-BSD1	LCS Dup	V10C15974.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SI50025	5J0112	BI52044-BS1	LCS	V10C15896.D
SI50025	5J0112	BI52044-BSD1	LCS Dup	V10C15897.D
SI50025	5J0206	BJ50090-BS1	LCS	V10C15973.D
SI50025	5J0206	BJ50090-BSD1	LCS Dup	V10C15974.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5J0112	LCS	BI52044-BS1	Acrolein		**183**		10 - 153	
S5J0112	LCS	BI52044-BS1	Methyl acetate		**139**		70 - 130	
S5J0112	LCS	BI52044-BS1	Tetrachloroethylene		**74.2**		82 - 130	
S5J0112	LCS Dup	BI52044-BSD1	Acrolein	183	**158**	14.2	10 - 153	30
S5J0112	LCS Dup	BI52044-BSD1	Chloroethane	128	**142**	10.4	65 - 136	20
S5J0112	LCS Dup	BI52044-BSD1	Chloromethane	83.3	**102**	20.5	43 - 155	20
S5J0112	LCS Dup	BI52044-BSD1	Dichlorodifluoromethane	75.5	**116**	42.3	44 - 144	20
S5J0112	LCS Dup	BI52044-BSD1	Methyl acetate	139	**77.2**	57	70 - 130	20
S5J0112	LCS Dup	BI52044-BSD1	tert-Butyl alcohol (TBA)	88.9	**51.3**	53.6	25 - 162	30
S5J0112	LCS Dup	BI52044-BSD1	Tetrachloroethylene	74.2	**81.2**	9.01	82 - 130	20
S5J0206	LCS	BJ50090-BS1	Acrolein		**159**		10 - 153	
S5J0206	LCS	BJ50090-BS1	Chloroethane		**144**		65 - 136	
S5J0206	LCS Dup	BJ50090-BSD1	Chloroethane	144	**139**	3.18	65 - 136	20
S5J0206	LCS Dup	BJ50090-BSD1	Methyl tert-butyl ether (MTBE)	111	**88.6**	22.6	76 - 130	20
S5J0206	LCS Dup	BJ50090-BSD1	tert-Butyl alcohol (TBA)	99.7	**50**	66.3	25 - 162	30

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The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI52044	25I1726-01	MW-9 20250925	
BI52044	BI52044-BLK1	Blank	
BI52044	BI52044-MS1	Matrix Spike	MW-9 20250925
BI52044	BI52044-MSD1	Matrix Spike Dup	MW-9 20250925
BJ50090	BJ50090-BLK1	Blank	

EPA 8260D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SI50025**	BI52044	S5J0112	MW-9 20250925MS1	25I1726-01	MW-9 20250925	BI52044-MS1
VOA	**SI50025**	BI52044	S5J0112	MW-9 20250925MSD1	25I1726-01	MW-9 20250925	BI52044-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5J0112	MW-9 20250925	BI52044-MS1	1,1,1-Trichloroethane	ug/L		131		70 - 130	
S5J0112	MW-9 20250925	BI52044-MS1	1,2-Dibromoethane	ug/L		128		75 - 125	
S5J0112	MW-9 20250925	BI52044-MS1	2-Butanone	ug/L		798		40 - 160	
S5J0112	MW-9 20250925	BI52044-MS1	Acrolein	ug/L		218		10 - 195	
S5J0112	MW-9 20250925	BI52044-MS1	Bromochloromethane	ug/L		122		75 - 121	
S5J0112	MW-9 20250925	BI52044-MS1	Chloroethane	ug/L		154		51 - 145	
S5J0112	MW-9 20250925	BI52044-MS1	Chloroform	ug/L		127		80 - 124	
S5J0112	MW-9 20250925	BI52044-MS1	cis-1,2-Dichloroethylene	ug/L		170		76 - 125	
S5J0112	MW-9 20250925	BI52044-MS1	Dibromomethane	ug/L		124		76 - 120	
S5J0112	MW-9 20250925	BI52044-MS1	Methyl acetate	ug/L		160		70 - 130	
S5J0112	MW-9 20250925	BI52044-MSD1	2-Butanone	ug/L	798	766	4.09	40 - 160	20
S5J0112	MW-9 20250925	BI52044-MSD1	Acrolein	ug/L	218	214	2.17	10 - 195	30
S5J0112	MW-9 20250925	BI52044-MSD1	Chloroethane	ug/L	154	149	3.43	51 - 145	20
S5J0112	MW-9 20250925	BI52044-MSD1	Methyl acetate	ug/L	160	159	0.752	70 - 130	20

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5J0112	MW-9 20250925MSD1	25I1726-01	BI52044-MSD1	Bromomethane	21.3	20	
S5J0112	MW-9 20250925MSD1	25I1726-01	BI52044-MSD1	tert-Butyl alcohol (TBA)	40.7	30	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260D	BJ50090	MW-9 20250925	25I1726-01RE1	25

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI50030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI50030	S5I1904	S5I1904	Secondary Cal Check	S5I1904-SCV1	VOA No. 8	V8-006868.D
SI50030	S5I3013	S5I3013	Calibration Check	S5I3013-CCV1	VOA No. 8	V8-007155a.D
SI50030	BI52027	S5I3013	LCS	BI52027-BS1	VOA No. 8	V8-007157.D
SI50030	BI52027	S5I3013	LCS Dup	BI52027-BSD1	VOA No. 8	V8-007159.D
SI50030	BI52027	S5I3013	Blank	BI52027-BLK1	VOA No. 8	V8-007161.D
SI50030	BI52027	S5I3013	TB (20250925)	25I1726-02	VOA No. 8	V8-007162.D

Initial calibration for EPA 8260D met method guidelines.

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EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI50030	S5I1904-SCV1	Dichlorodifluoromethane	10.0	4.97	**49.7**	70 - 130
SI50030	S5I1904-SCV1	Methyl acetate	10.0	13.2	**132**	70 - 130
SI50030	S5I1904-SCV1	tert-Butyl alcohol (TBA)	50.0	24.6	**49.2**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5I3013-CCV1	Calibration Check	V8-007155a.D
BI52027-BS1	LCS	V8-007157.D
BI52027-BSD1	LCS Dup	V8-007159.D
BI52027-BLK1	Blank	V8-007161.D
25I1726-02	TB (20250925)	V8-007162.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI50030	S5I3013	S5I3013-CCV1	V8-007155a.D	09/29/25 13:00

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SI50030	S5I3013-CCV1	Acetone	ug/L	13.6	10.0	**136**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	Bromoform	ug/L	12.4	10.0	**124**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	Methylcyclohexane	ug/L	13.0	10.0	**130**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	n-Butylbenzene	ug/L	12.7	10.0	**127**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	p- & m- Xylenes	ug/L	25.0	20.0	**125**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	p-Isopropyltoluene	ug/L	12.4	10.0	**124**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	sec-Butylbenzene	ug/L	12.5	10.0	**125**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	Styrene	ug/L	12.3	10.0	**123**	80 120	V8-007155a.D
SI50030	S5I3013-CCV1	trans-1,3-Dichloropropylene	ug/L	12.6	10.0	**126**	80 120	V8-007155a.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI50030	S5I3013	BI52027-BS1	LCS		V8-007157.D
SI50030	S5I3013	BI52027-BSD1	LCS Dup		V8-007159.D
SI50030	S5I3013	BI52027-BLK1	Blank		V8-007161.D
SI50030	S5I3013	25I1726-02	TB (20250925)		V8-007162.D

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EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
VOA	BI52027	S5I3013	VOA No. 8	BI52027-BLK1	V8-007161.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5I3013	Blank	BI52027-BLK1	Water	1,2,3-Trichlorobenzene	0.280	0.500	ug/L
S5I3013	Blank	BI52027-BLK1	Water	1,2,4-Trichlorobenzene	0.200	0.500	ug/L
S5I3013	Blank	BI52027-BLK1	Water	Acetone	1.42	2.00	ug/L
S5I3013	Blank	BI52027-BLK1	Water	Ethyl Benzene	0.310	0.500	ug/L
S5I3013	Blank	BI52027-BLK1	Water	o-Xylene	0.530	0.500	ug/L
S5I3013	Blank	BI52027-BLK1	Water	p- & m- Xylenes	1.46	1.00	ug/L
S5I3013	Blank	BI52027-BLK1	Water	Xylenes, Total	1.99	1.50	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BI52027	25I1726-02	TB (20250925)	V8-007162.D
BI52027	BI52027-BS1	LCS	V8-007157.D
BI52027	BI52027-BSD1	LCS Dup	V8-007159.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SI50030	5I3013	BI52027-BS1	LCS	V8-007157.D
SI50030	5I3013	BI52027-BSD1	LCS Dup	V8-007159.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5I3013	LCS	BI52027-BS1	1,1-Dichloroethane		**81.1**		82 - 129	
S5I3013	LCS	BI52027-BS1	Acrolein		**185**		10 - 153	
S5I3013	LCS	BI52027-BS1	Benzene		**84**		85 - 126	
S5I3013	LCS	BI52027-BS1	Chloroform		**80.4**		82 - 128	
S5I3013	LCS	BI52027-BS1	Methyl acetate		**146**		51 - 139	
S5I3013	LCS	BI52027-BS1	trans-1,2-Dichloroethylene		**77.8**		80 - 132	
S5I3013	LCS Dup	BI52027-BSD1	Acrolein	185	**192**	3.55	10 - 153	30
S5I3013	LCS Dup	BI52027-BSD1	Methyl acetate	146	**146**	0.0683	51 - 139	30
S5I3013	LCS Dup	BI52027-BSD1	trans-1,2-Dichloroethylene	77.8	**79.9**	2.66	80 - 132	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BI52027	25I1726-02	TB (20250925)	
BI52027	BI52027-BLK1	Blank	

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EPA 8260D

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8260D	BJ50090	MW-9 20250925	25I1726-01RE1	25

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SI50030	TB (20250925)	25I1726-02	SURR: Toluene-d8	**119**	81 - 117

York Analytical Laboratories, Inc.
Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$Cx = \frac{(Ax)(Cis)(DF)}{(Ais)(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³)= Compound concentration in ug/m³

$$Cx\ (ug/m^3) = \frac{(ppbv \times Molecular\ wt.)}{(24.45)}$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%\ solids)}$$

Medium Level Soils

$$Cx = \frac{(Ax)(IS)(VT)(1000)(DF)}{(Ais)(RRF)(VA)(V)(\%\ solids)}$$

4. Semi-Volatiles (waters and soils)

$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$Cx = \frac{(Ax)(VE)(DF)}{(CF)(Volume\ injected,\ uL)(V)(\%\ solids)}$$

WHERE:
Cx = concentration of analyte as ug/L or ug/kg
Ax = Area of the characteristic ion for the compound to be measured, counts.
Ais = Area of the characteristic ion for the specific internal standard, counts.
IS = Concentration of the internal standard spiking mixture, ng
RRF = Mean relative response factor from the initial calibration.
DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1
V = Volume for liquids in mL, weight for soils/solids in grams.
VA = volume of MeOH aliquot for medium level soils
VE = final volume of concentrated extract
VT = volume of MeOH for volatiles medium level soils
CF = calibration factor for external calibration used in GC pest/pcb
Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BI52027 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-02	TB (20250925)	09/29/25
BI52027-BLK1	Blank	09/29/25
BI52027-BS1	LCS	09/29/25
BI52027-BSD1	LCS Dup	09/29/25

Batch ID: BI52044 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01	MW-9 20250925	09/29/25
BI52044-BLK1	Blank	09/29/25
BI52044-BS1	LCS	09/29/25
BI52044-BSD1	LCS Dup	09/29/25
BI52044-MS1	Matrix Spike	09/29/25
BI52044-MSD1	Matrix Spike Dup	09/29/25

Batch ID: BJ50090 **Preparation Method:** EPA 5030B **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25I1726-01RE1	MW-9 20250925	10/01/25
BJ50090-BLK1	Blank	10/01/25
BJ50090-BS1	LCS	10/01/25
BJ50090-BSD1	LCS Dup	10/01/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

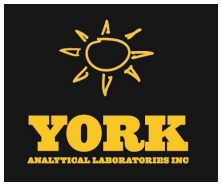
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
Blank (BI52027-BLK1)											
Prepared & Analyzed: 09/29/2025											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.280	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.200	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.42	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	0.310	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
Blank (BI52027-BLK1)								Prepared & Analyzed: 09/29/2025			
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	0.530	0.500	"								
p- & m- Xylenes	1.46	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	1.99	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.6*		*"*	*10.0*		*116*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BI52027-BS1)								Prepared & Analyzed: 09/29/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	8.29		"	10.0		82.9	78-136				
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.46		"	10.0		84.6	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	8.11		"	10.0		81.1	82-129	Low Bias			
1,1-Dichloroethylene	8.60		"	10.0		86.0	68-138				
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	76-136				
1,2,3-Trichloropropane	9.50		"	10.0		95.0	77-128				
1,2,4-Trichlorobenzene	9.20		"	10.0		92.0	76-137				
1,2,4-Trimethylbenzene	9.82		"	10.0		98.2	82-132				
1,2-Dibromo-3-chloropropane	9.25		"	10.0		92.5	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123				
1,2-Dichloroethane	8.38		"	10.0		83.8	73-132				
1,2-Dichloropropane	9.60		"	10.0		96.0	78-126				
1,3,5-Trimethylbenzene	9.64		"	10.0		96.4	80-131				
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122				
1,4-Dichlorobenzene	9.61		"	10.0		96.1	85-124				
2-Butanone	8.62		"	10.0		86.2	49-152				
2-Hexanone	11.1		"	10.0		111	51-146				
4-Methyl-2-pentanone	11.5		"	10.0		115	57-145				
Acetone	10.4		"	10.0		104	14-150				
Acrolein	18.5		"	10.0		185	10-153	High Bias			
Acrylonitrile	9.32		"	10.0		93.2	51-150				
Benzene	8.40		"	10.0		84.0	85-126	Low Bias			
Bromochloromethane	8.42		"	10.0		84.2	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	11.6		"	10.0		116	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS (BI52027-BS1)								Prepared & Analyzed: 09/29/2025			
Bromomethane	8.56		ug/L	10.0		85.6	43-168				
Carbon disulfide	8.20		"	10.0		82.0	68-146				
Carbon tetrachloride	8.04		"	10.0		80.4	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	8.04		"	10.0		80.4	82-128	Low Bias			
Chloromethane	7.32		"	10.0		73.2	43-155				
cis-1,2-Dichloroethylene	8.53		"	10.0		85.3	83-129				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131				
Cyclohexane	6.68		"	10.0		66.8	63-149				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	7.01		"	10.0		70.1	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	8.87		"	10.0		88.7	67-146				
Isopropylbenzene	8.93		"	10.0		89.3	76-140				
Methyl acetate	14.6		"	10.0		146	51-139	High Bias			
Methyl tert-butyl ether (MTBE)	8.04		"	10.0		80.4	76-135				
Methylcyclohexane	7.74		"	10.0		77.4	72-143				
Methylene chloride	10.3		"	10.0		103	55-137				
n-Butylbenzene	9.61		"	10.0		96.1	79-132				
n-Propylbenzene	8.99		"	10.0		89.9	78-133				
o-Xylene	11.3		"	10.0		113	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Isopropyltoluene	9.44		"	10.0		94.4	81-136				
sec-Butylbenzene	9.33		"	10.0		93.3	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	48.0		"	50.0		95.9	25-162				
tert-Butylbenzene	9.07		"	10.0		90.7	77-138				
Tetrachloroethylene	8.40		"	10.0		84.0	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	7.78		"	10.0		77.8	80-132	Low Bias			
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131				
trans-1,4-dichloro-2-butene	9.55		"	10.0		95.5	63-141				
Trichloroethylene	9.42		"	10.0		94.2	82-128				
Trichlorofluoromethane	8.32		"	10.0		83.2	67-139				
Vinyl Chloride	7.46		"	10.0		74.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.3*		*"*	*10.0*		*113*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.14*		*"*	*10.0*		*91.4*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS Dup (BI52027-BSD1)							Prepared & Analyzed: 09/29/2025				
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		2.50	30	
1,1,1-Trichloroethane	8.44		"	10.0		84.4	78-136		1.79	30	
1,1,2,2-Tetrachloroethane	9.31		"	10.0		93.1	76-129		2.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	54-165		1.31	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		1.20	30	
1,1-Dichloroethane	8.38		"	10.0		83.8	82-129		3.27	30	
1,1-Dichloroethylene	8.56		"	10.0		85.6	68-138		0.466	30	
1,2,3-Trichlorobenzene	9.27		"	10.0		92.7	76-136		1.52	30	
1,2,3-Trichloropropane	9.68		"	10.0		96.8	77-128		1.88	30	
1,2,4-Trichlorobenzene	9.38		"	10.0		93.8	76-137		1.94	30	
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132		1.11	30	
1,2-Dibromo-3-chloropropane	9.45		"	10.0		94.5	45-147		2.14	30	
1,2-Dibromoethane	11.3		"	10.0		113	83-124		0.980	30	
1,2-Dichlorobenzene	9.50		"	10.0		95.0	79-123		1.06	30	
1,2-Dichloroethane	8.71		"	10.0		87.1	73-132		3.86	30	
1,2-Dichloropropane	9.97		"	10.0		99.7	78-126		3.78	30	
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	80-131		2.26	30	
1,3-Dichlorobenzene	9.34		"	10.0		93.4	86-122		0.968	30	
1,4-Dichlorobenzene	9.67		"	10.0		96.7	85-124		0.622	30	
2-Butanone	8.72		"	10.0		87.2	49-152		1.15	30	
2-Hexanone	11.2		"	10.0		112	51-146		1.26	30	
4-Methyl-2-pentanone	11.7		"	10.0		117	57-145		1.03	30	
Acetone	9.99		"	10.0		99.9	14-150		4.41	30	
Acrolein	19.2		"	10.0		192	10-153	High Bias	3.55	30	
Acrylonitrile	9.40		"	10.0		94.0	51-150		0.855	30	
Benzene	8.58		"	10.0		85.8	85-126		2.12	30	
Bromochloromethane	8.75		"	10.0		87.5	77-128		3.84	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.76	30	
Bromoform	11.8		"	10.0		118	78-133		2.05	30	
Bromomethane	8.90		"	10.0		89.0	43-168		3.89	30	
Carbon disulfide	8.15		"	10.0		81.5	68-146		0.612	30	
Carbon tetrachloride	8.27		"	10.0		82.7	77-141		2.82	30	
Chlorobenzene	10.6		"	10.0		106	88-120		1.72	30	
Chloroethane	10.6		"	10.0		106	65-136		0.845	30	
Chloroform	8.27		"	10.0		82.7	82-128		2.82	30	
Chloromethane	7.27		"	10.0		72.7	43-155		0.685	30	
cis-1,2-Dichloroethylene	8.75		"	10.0		87.5	83-129		2.55	30	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131		2.00	30	
Cyclohexane	6.80		"	10.0		68.0	63-149		1.78	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		0.639	30	
Dibromomethane	10.5		"	10.0		105	72-134		0.0952	30	
Dichlorodifluoromethane	6.98		"	10.0		69.8	44-144		0.429	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		1.85	30	
Hexachlorobutadiene	9.22		"	10.0		92.2	67-146		3.87	30	
Isopropylbenzene	8.94		"	10.0		89.4	76-140		0.112	30	
Methyl acetate	14.6		"	10.0		146	51-139	High Bias	0.0683	30	
Methyl tert-butyl ether (MTBE)	8.20		"	10.0		82.0	76-135		1.97	30	
Methylcyclohexane	7.94		"	10.0		79.4	72-143		2.55	30	
Methylene chloride	11.5		"	10.0		115	55-137		11.3	30	
n-Butylbenzene	9.73		"	10.0		97.3	79-132		1.24	30	
n-Propylbenzene	9.11		"	10.0		91.1	78-133		1.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

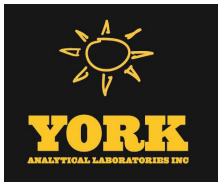
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52027 - EPA 5030B											
LCS Dup (BI52027-BSD1)								Prepared & Analyzed: 09/29/2025			
o-Xylene	11.5		ug/L	10.0		115	78-130		1.57	30	
p- & m- Xylenes	23.3		"	20.0		117	77-133		2.30	30	
p-Isopropyltoluene	9.55		"	10.0		95.5	81-136		1.16	30	
sec-Butylbenzene	9.41		"	10.0		94.1	79-137		0.854	30	
Styrene	10.9		"	10.0		109	67-132		1.39	30	
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.3	25-162		2.47	30	
tert-Butylbenzene	9.14		"	10.0		91.4	77-138		0.769	30	
Tetrachloroethylene	8.44		"	10.0		84.4	82-131		0.475	30	
Toluene	10.6		"	10.0		106	80-127		2.19	30	
trans-1,2-Dichloroethylene	7.99		"	10.0		79.9	80-132	Low Bias	2.66	30	
trans-1,3-Dichloropropylene	11.5		"	10.0		115	78-131		2.65	30	
trans-1,4-dichloro-2-butene	9.49		"	10.0		94.9	63-141		0.630	30	
Trichloroethylene	9.72		"	10.0		97.2	82-128		3.13	30	
Trichlorofluoromethane	8.28		"	10.0		82.8	67-139		0.482	30	
Vinyl Chloride	7.48		"	10.0		74.8	58-145		0.268	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.88*		*"*	*10.0*		*98.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*11.5*		*"*	*10.0*		*115*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.11*		*"*	*10.0*		*91.1*	*79-122*				
Batch BI52044 - EPA 5030B											
Blank (BI52044-BLK1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.260	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Blank (BI52044-BLK1)											
Prepared: 09/29/2025 Analyzed: 09/30/2025											
Bromomethane	ND	2.00	ug/L								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	3.93	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS (BI52044-BS1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-130				
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64		"	10.0		96.4	70-130				
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123				
1,1-Dichloroethane	9.55		"	10.0		95.5	82-129				
1,1-Dichloroethylene	9.98		"	10.0		99.8	70-130				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-130				
1,2,3-Trichloropropane	9.56		"	10.0		95.6	77-128				
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-130				
1,2,4-Trimethylbenzene	9.63		"	10.0		96.3	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	9.73		"	10.0		97.3	83-124				
1,2-Dichlorobenzene	9.21		"	10.0		92.1	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-130				
1,2-Dichloropropane	9.00		"	10.0		90.0	78-126				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122				
1,4-Dichlorobenzene	9.12		"	10.0		91.2	85-124				
2-Butanone	11.3		"	10.0		113	49-152				
2-Hexanone	9.35		"	10.0		93.5	51-146				
4-Methyl-2-pentanone	9.35		"	10.0		93.5	57-145				
Acetone	10.3		"	10.0		103	40-150				
Acrolein	18.3		"	10.0		183	10-153	High Bias			
Acrylonitrile	9.67		"	10.0		96.7	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	9.66		"	10.0		96.6	77-128				
Bromodichloromethane	9.28		"	10.0		92.8	79-128				
Bromoform	9.75		"	10.0		97.5	78-130				
Bromomethane	11.2		"	10.0		112	43-160				
Carbon disulfide	8.84		"	10.0		88.4	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-130				
Chlorobenzene	9.54		"	10.0		95.4	88-120				
Chloroethane	12.8		"	10.0		128	65-136				
Chloroform	9.87		"	10.0		98.7	82-128				
Chloromethane	8.33		"	10.0		83.3	43-155				
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	83-129				
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-130				
Cyclohexane	8.72		"	10.0		87.2	70-130				
Dibromochloromethane	9.68		"	10.0		96.8	80-130				
Dibromomethane	9.47		"	10.0		94.7	72-134				
Dichlorodifluoromethane	7.55		"	10.0		75.5	44-144				
Ethyl Benzene	9.72		"	10.0		97.2	80-130				
Hexachlorobutadiene	8.57		"	10.0		85.7	67-146				
Isopropylbenzene	9.26		"	10.0		92.6	76-130				
Methyl acetate	13.9		"	10.0		139	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-130				
Methylcyclohexane	8.63		"	10.0		86.3	72-130				
Methylene chloride	11.7		"	10.0		117	70-130				
n-Butylbenzene	9.35		"	10.0		93.5	79-132				
n-Propylbenzene	9.21		"	10.0		92.1	78-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

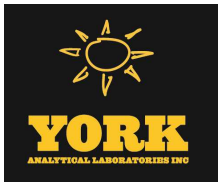
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS (BI52044-BS1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
o-Xylene	10.0		ug/L	10.0		100	78-130				
p- & m- Xylenes	20.0		"	20.0		100	77-130				
p-Isopropyltoluene	9.35		"	10.0		93.5	81-136				
sec-Butylbenzene	9.33		"	10.0		93.3	79-137				
Styrene	9.61		"	10.0		96.1	70-130				
tert-Butyl alcohol (TBA)	44.5		"	50.0		88.9	25-162				
tert-Butylbenzene	9.30		"	10.0		93.0	77-138				
Tetrachloroethylene	7.42		"	10.0		74.2	82-130	Low Bias			
Toluene	9.62		"	10.0		96.2	80-127				
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	80-130				
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	78-130				
trans-1,4-dichloro-2-butene	9.18		"	10.0		91.8	63-141				
Trichloroethylene	8.91		"	10.0		89.1	82-128				
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139				
Vinyl Chloride	8.68		"	10.0		86.8	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				
LCS Dup (BI52044-BSD1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		7.44	30	
1,1,1-Trichloroethane	11.1		"	10.0		111	78-130		7.55	20	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		5.57	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130		11.3	20	
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123		2.41	20	
1,1-Dichloroethane	10.2		"	10.0		102	82-129		6.97	20	
1,1-Dichloroethylene	11.0		"	10.0		110	70-130		10.0	20	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-130		1.16	20	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.09	30	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-130		4.32	20	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		9.78	20	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		0.472	20	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		4.13	20	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		8.12	20	
1,2-Dichloroethane	10.6		"	10.0		106	73-130		4.66	20	
1,2-Dichloropropane	9.76		"	10.0		97.6	78-126		8.10	20	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		8.58	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		9.95	20	
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124		9.30	20	
2-Butanone	10.8		"	10.0		108	49-152		4.44	20	
2-Hexanone	8.73		"	10.0		87.3	51-146		6.86	20	
4-Methyl-2-pentanone	9.13		"	10.0		91.3	57-145		2.38	20	
Acetone	10.9		"	10.0		109	40-150		5.47	20	
Acrolein	15.8		"	10.0		158	10-153	High Bias	14.2	30	
Acrylonitrile	9.60		"	10.0		96.0	51-150		0.727	30	
Benzene	11.0		"	10.0		110	85-126		8.75	20	
Bromochloromethane	10.2		"	10.0		102	77-128		5.73	20	
Bromodichloromethane	10.0		"	10.0		100	79-128		7.57	20	
Bromoform	10.1		"	10.0		101	78-130		3.23	20	
Bromomethane	12.3		"	10.0		123	43-160		9.03	20	
Carbon disulfide	9.94		"	10.0		99.4	68-146		11.7	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
LCS Dup (BI52044-BSD1)								Prepared: 09/29/2025 Analyzed: 09/30/2025			
Carbon tetrachloride	11.1		ug/L	10.0		111	77-130		8.52	20	
Chlorobenzene	10.4		"	10.0		104	88-120		8.14	20	
Chloroethane	14.2		"	10.0		142	65-136	High Bias	10.4	20	
Chloroform	10.6		"	10.0		106	82-128		7.41	20	
Chloromethane	10.2		"	10.0		102	43-155		20.5	20	Non-dir.
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		7.04	20	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-130		6.02	20	
Cyclohexane	9.60		"	10.0		96.0	70-130		9.61	20	
Dibromochloromethane	10.2		"	10.0		102	80-130		5.33	20	
Dibromomethane	9.88		"	10.0		98.8	72-134		4.24	30	
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		42.3	20	Non-dir.
Ethyl Benzene	10.6		"	10.0		106	80-130		8.28	20	
Hexachlorobutadiene	9.82		"	10.0		98.2	67-146		13.6	30	
Isopropylbenzene	10.3		"	10.0		103	76-130		11.0	20	
Methyl acetate	7.72		"	10.0		77.2	70-130		57.0	20	Non-dir.
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-130		3.76	20	
Methylcyclohexane	9.56		"	10.0		95.6	72-130		10.2	20	
Methylene chloride	11.7		"	10.0		117	70-130		0.257	20	
n-Butylbenzene	10.4		"	10.0		104	79-132		10.4	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		10.1	30	
o-Xylene	10.7		"	10.0		107	78-130		6.28	20	
p- & m- Xylenes	21.3		"	20.0		106	77-130		6.06	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		11.0	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		10.3	30	
Styrene	10.3		"	10.0		103	70-130		7.12	20	
tert-Butyl alcohol (TBA)	25.7		"	50.0		51.3	25-162		53.6	30	Non-dir.
tert-Butylbenzene	10.2		"	10.0		102	77-138		9.23	30	
Tetrachloroethylene	8.12		"	10.0		81.2	82-130	Low Bias	9.01	20	
Toluene	10.5		"	10.0		105	80-127		8.46	20	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-130		8.65	20	
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-130		3.15	20	
trans-1,4-dichloro-2-butene	9.57		"	10.0		95.7	63-141		4.16	30	
Trichloroethylene	9.73		"	10.0		97.3	82-128		8.80	20	
Trichlorofluoromethane	11.3		"	10.0		113	67-139		13.4	20	
Vinyl Chloride	10.4		"	10.0		104	70-130		18.3	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Matrix Spike (BI52044-MS1)	*Source sample: 25I1726-01 (MW-9 20250925)							Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0	0.00	121	45-161				
1,1,1-Trichloroethane	13.1		"	10.0	0.00	131	70-130	High Bias			
1,1,2,2-Tetrachloroethane	12.1		"	10.0	0.00	121	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.53		"	10.0	0.00	85.3	70-130				
1,1,2-Trichloroethane	12.5		"	10.0	0.00	125	70-130				
1,1-Dichloroethane	12.1		"	10.0	0.00	121	70-130				
1,1-Dichloroethylene	11.3		"	10.0	0.00	113	70-130				
1,2,3-Trichlorobenzene	8.68		"	10.0	0.00	86.8	70-130				
1,2,3-Trichloropropane	12.0		"	10.0	0.00	120	74-127				
1,2,4-Trichlorobenzene	7.50		"	10.0	0.00	75.0	70-130				
1,2,4-Trimethylbenzene	9.66		"	10.0	0.00	96.6	72-129				
1,2-Dibromo-3-chloropropane	12.3		"	10.0	0.00	123	40-151				
1,2-Dibromoethane	12.8		"	10.0	0.00	128	75-125	High Bias			
1,2-Dichlorobenzene	9.77		"	10.0	0.00	97.7	70-122				
1,2-Dichloroethane	12.8		"	10.0	0.00	128	70-130				
1,2-Dichloropropane	11.7		"	10.0	0.00	117	77-121				
1,3,5-Trimethylbenzene	9.71		"	10.0	0.00	97.1	69-126				
1,3-Dichlorobenzene	8.92		"	10.0	0.00	89.2	74-119				
1,4-Dichlorobenzene	9.01		"	10.0	0.00	90.1	70-124				
2-Butanone	79.8		"	10.0	0.00	798	40-160	High Bias			
2-Hexanone	11.4		"	10.0	0.00	114	53-133				
4-Methyl-2-pentanone	11.9		"	10.0	0.00	119	40-150				
Acetone	12.9		"	10.0	0.430	125	40-149				
Acrolein	21.8		"	10.0	0.00	218	10-195	High Bias			
Acrylonitrile	11.9		"	10.0	0.00	119	37-165				
Benzene	12.7		"	10.0	0.00	127	70-130				
Bromochloromethane	12.2		"	10.0	0.00	122	75-121	High Bias			
Bromodichloromethane	11.9		"	10.0	0.00	119	70-129				
Bromoform	12.5		"	10.0	0.00	125	70-130				
Bromomethane	11.3		"	10.0	0.00	113	40-158				
Carbon disulfide	8.51		"	10.0	0.00	85.1	40-138				
Carbon tetrachloride	12.2		"	10.0	0.00	122	71-130				
Chlorobenzene	11.4		"	10.0	0.00	114	81-117				
Chloroethane	15.4		"	10.0	0.00	154	51-145	High Bias			
Chloroform	12.7		"	10.0	0.00	127	80-124	High Bias			
Chloromethane	9.80		"	10.0	0.00	98.0	40-160				
cis-1,2-Dichloroethylene	346		"	10.0	329	170	76-125	High Bias			
cis-1,3-Dichloropropylene	11.5		"	10.0	0.00	115	70-130				
Cyclohexane	9.14		"	10.0	0.00	91.4	70-130				
Dibromochloromethane	12.4		"	10.0	0.00	124	71-129				
Dibromomethane	12.4		"	10.0	0.00	124	76-120	High Bias			
Dichlorodifluoromethane	6.78		"	10.0	0.00	67.8	40-147				
Ethyl Benzene	11.1		"	10.0	0.00	111	72-128				
Hexachlorobutadiene	6.74		"	10.0	0.00	67.4	34-166				
Isopropylbenzene	9.89		"	10.0	0.00	98.9	70-130				
Methyl acetate	16.0		"	10.0	0.00	160	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	11.9		"	10.0	0.00	119	75-128				
Methylcyclohexane	7.67		"	10.0	0.00	76.7	70-130				
Methylene chloride	11.2		"	10.0	0.00	112	70-128				
n-Butylbenzene	7.60		"	10.0	0.00	76.0	61-138				
n-Propylbenzene	8.94		"	10.0	0.00	89.4	66-134				

Volatile Organic Compounds by GC/MS - Quality Control Data

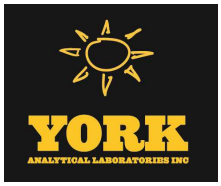
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Matrix Spike (BI52044-MS1)	*Source sample: 25I1726-01 (MW-9 20250925)							Prepared: 09/29/2025 Analyzed: 09/30/2025			
o-Xylene	11.6		ug/L	10.0	0.00	116	70-126				
p- & m- Xylenes	21.6		"	20.0	0.00	108	70-130				
p-Isopropyltoluene	8.48		"	10.0	0.00	84.8	64-137				
sec-Butylbenzene	8.83		"	10.0	0.00	88.3	53-155				
Styrene	11.0		"	10.0	0.00	110	70-125				
tert-Butyl alcohol (TBA)	37.5		"	50.0	0.00	75.0	10-130				
tert-Butylbenzene	9.84		"	10.0	0.00	98.4	65-139				
Tetrachloroethylene	7.64		"	10.0	0.370	72.7	70-130				
Toluene	11.7		"	10.0	0.00	117	76-123				
trans-1,2-Dichloroethylene	22.5		"	10.0	12.0	104	79-130				
trans-1,3-Dichloropropylene	11.4		"	10.0	0.00	114	70-130				
trans-1,4-dichloro-2-butene	11.0		"	10.0	0.00	110	25-155				
Trichloroethylene	10.8		"	10.0	0.710	101	70-130				
Trichlorofluoromethane	10.6		"	10.0	0.00	106	61-142				
Vinyl Chloride	10.2		"	10.0	0.780	93.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
Matrix Spike Dup (BI52044-MSD1)	*Source sample: 25I1726-01 (MW-9 20250925)							Prepared: 09/29/2025 Analyzed: 09/30/2025			
1,1,1,2-Tetrachloroethane	11.7		ug/L	10.0	0.00	117	45-161		3.78	30	
1,1,1-Trichloroethane	12.7		"	10.0	0.00	127	70-130		3.33	20	
1,1,2,2-Tetrachloroethane	11.6		"	10.0	0.00	116	74-121		3.54	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0	0.00	85.7	70-130		0.468	20	
1,1,2-Trichloroethane	12.0		"	10.0	0.00	120	70-130		4.17	20	
1,1-Dichloroethane	11.7		"	10.0	0.00	117	70-130		3.35	20	
1,1-Dichloroethylene	10.7		"	10.0	0.00	107	70-130		5.08	20	
1,2,3-Trichlorobenzene	9.59		"	10.0	0.00	95.9	70-130		9.96	20	
1,2,3-Trichloropropane	11.6		"	10.0	0.00	116	74-127		3.14	30	
1,2,4-Trichlorobenzene	8.23		"	10.0	0.00	82.3	70-130		9.28	20	
1,2,4-Trimethylbenzene	9.44		"	10.0	0.00	94.4	72-129		2.30	20	
1,2-Dibromo-3-chloropropane	12.3		"	10.0	0.00	123	40-151		0.163	20	
1,2-Dibromoethane	12.3		"	10.0	0.00	123	75-125		4.31	20	
1,2-Dichlorobenzene	9.56		"	10.0	0.00	95.6	70-122		2.17	20	
1,2-Dichloroethane	12.4		"	10.0	0.00	124	70-130		3.56	20	
1,2-Dichloropropane	11.2		"	10.0	0.00	112	77-121		4.56	20	
1,3,5-Trimethylbenzene	9.54		"	10.0	0.00	95.4	69-126		1.77	30	
1,3-Dichlorobenzene	8.80		"	10.0	0.00	88.0	74-119		1.35	20	
1,4-Dichlorobenzene	8.80		"	10.0	0.00	88.0	70-124		2.36	20	
2-Butanone	76.6		"	10.0	0.00	766	40-160	High Bias	4.09	20	
2-Hexanone	11.3		"	10.0	0.00	113	53-133		0.969	20	
4-Methyl-2-pentanone	11.5		"	10.0	0.00	115	40-150		3.51	20	
Acetone	11.2		"	10.0	0.430	107	40-149		14.6	20	
Acrolein	21.4		"	10.0	0.00	214	10-195	High Bias	2.17	30	
Acrylonitrile	10.6		"	10.0	0.00	106	37-165		10.9	30	
Benzene	12.2		"	10.0	0.00	122	70-130		3.53	20	
Bromochloromethane	11.6		"	10.0	0.00	116	75-121		4.37	20	
Bromodichloromethane	11.6		"	10.0	0.00	116	70-129		2.97	20	
Bromoform	12.2		"	10.0	0.00	122	70-130		1.78	20	
Bromomethane	14.0		"	10.0	0.00	140	40-158		21.3	20	Non-dir.
Carbon disulfide	8.21		"	10.0	0.00	82.1	40-138		3.59	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI52044 - EPA 5030B											
Matrix Spike Dup (BI52044-MSD1)	*Source sample: 25I1726-01 (MW-9 20250925)								Prepared: 09/29/2025 Analyzed: 09/30/2025		
Carbon tetrachloride	11.9		ug/L	10.0	0.00	119	71-130		2.57	20	
Chlorobenzene	10.8		"	10.0	0.00	108	81-117		4.77	20	
Chloroethane	14.9		"	10.0	0.00	149	51-145	High Bias	3.43	20	
Chloroform	12.2		"	10.0	0.00	122	80-124		3.78	20	
Chloromethane	9.47		"	10.0	0.00	94.7	40-160		3.43	20	
cis-1,2-Dichloroethylene	337		"	10.0	329	79.2	76-125		2.66	20	
cis-1,3-Dichloropropylene	11.1		"	10.0	0.00	111	70-130		4.07	20	
Cyclohexane	8.84		"	10.0	0.00	88.4	70-130		3.34	20	
Dibromochloromethane	12.1		"	10.0	0.00	121	71-129		2.77	20	
Dibromomethane	12.0		"	10.0	0.00	120	76-120		3.70	30	
Dichlorodifluoromethane	6.65		"	10.0	0.00	66.5	40-147		1.94	20	
Ethyl Benzene	10.6		"	10.0	0.00	106	72-128		4.80	20	
Hexachlorobutadiene	7.07		"	10.0	0.00	70.7	34-166		4.78	30	
Isopropylbenzene	9.58		"	10.0	0.00	95.8	70-130		3.18	20	
Methyl acetate	15.9		"	10.0	0.00	159	70-130	High Bias	0.752	20	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0	0.00	128	75-128		7.06	20	
Methylcyclohexane	7.61		"	10.0	0.00	76.1	70-130		0.785	20	
Methylene chloride	10.8		"	10.0	0.00	108	70-128		3.46	20	
n-Butylbenzene	7.82		"	10.0	0.00	78.2	61-138		2.85	30	
n-Propylbenzene	8.69		"	10.0	0.00	86.9	66-134		2.84	30	
o-Xylene	11.1		"	10.0	0.00	111	70-126		4.93	20	
p- & m- Xylenes	20.6		"	20.0	0.00	103	70-130		4.51	20	
p-Isopropyltoluene	8.38		"	10.0	0.00	83.8	64-137		1.19	30	
sec-Butylbenzene	8.67		"	10.0	0.00	86.7	53-155		1.83	30	
Styrene	10.6		"	10.0	0.00	106	70-125		4.44	20	
tert-Butyl alcohol (TBA)	56.6		"	50.0	0.00	113	10-130		40.7	30	Non-dir.
tert-Butylbenzene	9.51		"	10.0	0.00	95.1	65-139		3.41	30	
Tetrachloroethylene	7.50		"	10.0	0.370	71.3	70-130		1.85	20	
Toluene	11.0		"	10.0	0.00	110	76-123		5.54	20	
trans-1,2-Dichloroethylene	21.5		"	10.0	12.0	94.8	79-130		4.41	20	
trans-1,3-Dichloropropylene	11.1		"	10.0	0.00	111	70-130		2.48	20	
trans-1,4-dichloro-2-butene	11.0		"	10.0	0.00	110	25-155		0.545	30	
Trichloroethylene	10.2		"	10.0	0.710	95.0	70-130		5.89	20	
Trichlorofluoromethane	10.3		"	10.0	0.00	103	61-142		2.49	20	
Vinyl Chloride	9.80		"	10.0	0.780	90.2	70-130		3.71	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
Blank (BJ50090-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.290	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	2.00	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	0.510	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.760	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								

Prepared & Analyzed: 10/01/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
Blank (BJ50090-BLK1)								Prepared & Analyzed: 10/01/2025			
o-Xylene	ND	0.500	ug/L								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
trans-1,4-dichloro-2-butene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BJ50090-BS1)								Prepared & Analyzed: 10/01/2025			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,3-Trichlorobenzene	11.8		"	10.0		118	76-130				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-130				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147				
1,2-Dibromoethane	10.8		"	10.0		108	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-130				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124				
2-Butanone	12.2		"	10.0		122	49-152				
2-Hexanone	9.44		"	10.0		94.4	51-146				
4-Methyl-2-pentanone	9.80		"	10.0		98.0	57-145				
Acetone	10.5		"	10.0		105	40-150				
Acrolein	15.9		"	10.0		159	10-153	High Bias			
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	11.6		"	10.0		116	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	10.8		"	10.0		108	78-130				
Bromomethane	15.1		"	10.0		151	43-160				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS (BJ50090-BS1)								Prepared & Analyzed: 10/01/2025			
Carbon disulfide	9.80		ug/L	10.0		98.0	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-130				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	14.4		"	10.0		144	65-136	High Bias			
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	9.99		"	10.0		99.9	43-155				
cis-1,2-Dichloroethylene	12.4		"	10.0		124	83-129				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-130				
Cyclohexane	9.06		"	10.0		90.6	70-130				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.6		"	10.0		106	72-134				
Dichlorodifluoromethane	9.71		"	10.0		97.1	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-130				
Hexachlorobutadiene	9.43		"	10.0		94.3	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-130				
Methyl acetate	8.25		"	10.0		82.5	70-130				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-130				
Methylcyclohexane	8.59		"	10.0		85.9	72-130				
Methylene chloride	10.8		"	10.0		108	70-130				
n-Butylbenzene	9.98		"	10.0		99.8	79-132				
n-Propylbenzene	9.90		"	10.0		99.0	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.7		"	20.0		108	77-130				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.92		"	10.0		99.2	79-137				
Styrene	10.7		"	10.0		107	70-130				
tert-Butyl alcohol (TBA)	49.8		"	50.0		99.7	25-162				
tert-Butylbenzene	9.93		"	10.0		99.3	77-138				
Tetrachloroethylene	8.34		"	10.0		83.4	82-130				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-130				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-130				
trans-1,4-dichloro-2-butene	9.97		"	10.0		99.7	63-141				
Trichloroethylene	9.99		"	10.0		99.9	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	9.89		"	10.0		98.9	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS Dup (BJ50090-BSD1)					Prepared & Analyzed: 10/01/2025						
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.0956	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-130		0.974	20	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		4.55	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-130		1.72	20	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		6.24	20	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		2.44	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		1.41	20	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-130		5.82	20	
1,2,3-Trichloropropane	9.95		"	10.0		99.5	77-128		2.38	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-130		5.03	20	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		1.69	20	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		4.30	20	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		5.43	20	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		0.197	20	
1,2-Dichloroethane	10.7		"	10.0		107	73-130		6.78	20	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		0.296	20	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		2.44	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		1.19	20	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		1.09	20	
2-Butanone	10.6		"	10.0		106	49-152		14.8	20	
2-Hexanone	8.53		"	10.0		85.3	51-146		10.1	20	
4-Methyl-2-pentanone	8.70		"	10.0		87.0	57-145		11.9	20	
Acetone	11.4		"	10.0		114	40-150		7.93	20	
Acrolein	15.3		"	10.0		153	10-153		4.23	30	
Acrylonitrile	9.83		"	10.0		98.3	51-150		5.73	30	
Benzene	11.4		"	10.0		114	85-126		1.75	20	
Bromochloromethane	10.2		"	10.0		102	77-128		7.27	20	
Bromodichloromethane	10.3		"	10.0		103	79-128		1.06	20	
Bromoform	10.2		"	10.0		102	78-130		6.11	20	
Bromomethane	14.1		"	10.0		141	43-160		7.40	20	
Carbon disulfide	9.73		"	10.0		97.3	68-146		0.717	20	
Carbon tetrachloride	11.0		"	10.0		110	77-130		2.07	20	
Chlorobenzene	10.6		"	10.0		106	88-120		1.03	20	
Chloroethane	13.9		"	10.0		139	65-136	High Bias	3.18	20	
Chloroform	11.0		"	10.0		110	82-128		2.79	20	
Chloromethane	10.1		"	10.0		101	43-155		1.39	20	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	83-129		8.15	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-130		3.64	20	
Cyclohexane	8.86		"	10.0		88.6	70-130		2.23	20	
Dibromochloromethane	10.3		"	10.0		103	80-130		6.12	20	
Dibromomethane	10.0		"	10.0		100	72-134		5.91	30	
Dichlorodifluoromethane	9.40		"	10.0		94.0	44-144		3.24	20	
Ethyl Benzene	10.8		"	10.0		108	80-130		0.186	20	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		6.56	30	
Isopropylbenzene	10.4		"	10.0		104	76-130		3.33	20	
Methyl acetate	7.26		"	10.0		72.6	70-130		12.8	20	
Methyl tert-butyl ether (MTBE)	8.86		"	10.0		88.6	76-130		22.6	20	Non-dir.
Methylcyclohexane	8.64		"	10.0		86.4	72-130		0.580	20	
Methylene chloride	10.3		"	10.0		103	70-130		4.73	20	
n-Butylbenzene	10.1		"	10.0		101	79-132		0.997	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		2.69	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

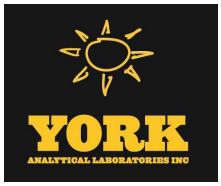
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ50090 - EPA 5030B											
LCS Dup (BJ50090-BSD1)								Prepared & Analyzed: 10/01/2025			
o-Xylene	10.9		ug/L	10.0		109	78-130		0.912	20	
p- & m- Xylenes	21.6		"	20.0		108	77-130		0.324	20	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		2.64	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		2.00	30	
Styrene	10.6		"	10.0		106	70-130		1.04	20	
tert-Butyl alcohol (TBA)	25.0		"	50.0		50.0	25-162		66.3	30	Non-dir.
tert-Butylbenzene	10.2		"	10.0		102	77-138		2.68	30	
Tetrachloroethylene	8.37		"	10.0		83.7	82-130		0.359	20	
Toluene	10.8		"	10.0		108	80-127		0.464	20	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-130		0.738	20	
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-130		9.12	20	
trans-1,4-dichloro-2-butene	9.26		"	10.0		92.6	63-141		7.38	30	
Trichloroethylene	10.2		"	10.0		102	82-128		2.57	20	
Trichlorofluoromethane	10.4		"	10.0		104	67-139		1.25	20	
Vinyl Chloride	9.71		"	10.0		97.1	70-130		1.84	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL1)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	0.00		ug/L	0.100							
1,1,1-Trichloroethane	0.00		"	0.100							
1,1,2,2-Tetrachloroethane	0.00		"	0.100							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00		"	0.100							
1,1,2-Trichloroethane	0.00		"	0.100							
1,1-Dichloroethane	0.00		"	0.100							
1,1-Dichloroethylene	0.00		"	0.100							
1,2,3-Trichlorobenzene	0.00		"	0.100							
1,2,3-Trichloropropane	0.00		"	0.100							
1,2,4-Trichlorobenzene	0.00		"	0.100							
1,2,4-Trimethylbenzene	0.00		"	0.100							
1,2-Dibromo-3-chloropropane	0.00		"	0.100							
1,2-Dibromoethane	0.00		"	0.100							
1,2-Dichlorobenzene	0.00		"	0.100							
1,2-Dichloroethane	0.00		"	0.100							
1,2-Dichloropropane	0.00		"	0.100							
1,3,5-Trimethylbenzene	0.00		"	0.100							
1,3-Dichlorobenzene	0.00		"	0.100							
1,4-Dichlorobenzene	0.00		"	0.100							
2-Butanone	0.00		"	0.100							
2-Hexanone	0.00		"	0.100							
4-Methyl-2-pentanone	0.00		"	0.100							
Acetone	0.700		"	0.100		700					
Acrolein	0.650		"	0.400		162					
Acrylonitrile	0.560		"	0.500		112					
Benzene	0.00		"	0.100							
Bromochloromethane	0.00		"	0.100							
Bromodichloromethane	0.00		"	0.100							
Bromoform	0.00		"	0.100							

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

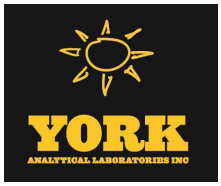
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL1)								Prepared & Analyzed: 09/16/2025			
Bromomethane	0.00		ug/L	0.100							
Carbon disulfide	0.00		"	0.100							
Carbon tetrachloride	0.00		"	0.100							
Chlorobenzene	0.00		"	0.100							
Chloroethane	0.00		"	0.100							
Chloroform	0.00		"	0.100							
Chloromethane	0.00		"	0.100							
cis-1,2-Dichloroethylene	0.00		"	0.100							
cis-1,3-Dichloropropylene	0.00		"	0.100							
Cyclohexane	0.00		"	0.100							
Dibromochloromethane	0.00		"	0.100							
Dibromomethane	0.00		"	0.100							
Dichlorodifluoromethane	0.00		"	0.100							
Ethyl Benzene	0.00		"	0.100							
Hexachlorobutadiene	0.00		"	0.100							
Isopropylbenzene	0.00		"	0.100							
Methyl acetate	0.230		"	0.100		230					
Methyl tert-butyl ether (MTBE)	0.00		"	0.100							
Methylcyclohexane	0.00		"	0.100							
Methylene chloride	2.41		"	0.100		NR					
n-Butylbenzene	0.00		"	0.100							
n-Propylbenzene	0.00		"	0.100							
o-Xylene	0.00		"	0.100							
p- & m- Xylenes	0.250		"	0.200		125					
p-Isopropyltoluene	0.00		"	0.100							
sec-Butylbenzene	0.00		"	0.100							
Styrene	0.00		"	0.100							
tert-Butyl alcohol (TBA)	0.680		"	0.500		136					
tert-Butylbenzene	0.00		"	0.100							
Tetrachloroethylene	0.00		"	0.100							
Toluene	0.00		"	0.100							
trans-1,2-Dichloroethylene	0.00		"	0.100							
trans-1,3-Dichloropropylene	0.00		"	0.100							
trans-1,4-dichloro-2-butene	0.00		"	0.100							
Trichloroethylene	0.00		"	0.100							
Trichlorofluoromethane	0.00		"	0.100							
Vinyl Chloride	0.00		"	0.100							
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*					
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*					
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL2)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	0.250		ug/L	0.250		100					
1,1,1-Trichloroethane	0.270		"	0.250		108					
1,1,2,2-Tetrachloroethane	0.240		"	0.250		96.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.300		"	0.250		120					
1,1,2-Trichloroethane	0.250		"	0.250		100					
1,1-Dichloroethane	0.270		"	0.250		108					
1,1-Dichloroethylene	0.270		"	0.250		108					
1,2,3-Trichlorobenzene	0.260		"	0.250		104					
1,2,3-Trichloropropane	0.230		"	0.250		92.0					
1,2,4-Trichlorobenzene	0.260		"	0.250		104					
1,2,4-Trimethylbenzene	0.240		"	0.250		96.0					
1,2-Dibromo-3-chloropropane	0.00		"	0.250							
1,2-Dibromoethane	0.250		"	0.250		100					
1,2-Dichlorobenzene	0.270		"	0.250		108					
1,2-Dichloroethane	0.310		"	0.250		124					
1,2-Dichloropropane	0.270		"	0.250		108					
1,3,5-Trimethylbenzene	0.240		"	0.250		96.0					
1,3-Dichlorobenzene	0.260		"	0.250		104					
1,4-Dichlorobenzene	0.260		"	0.250		104					
2-Butanone	0.00		"	0.250							
2-Hexanone	0.230		"	0.250		92.0					
4-Methyl-2-pentanone	0.250		"	0.250		100					
Acetone	0.640		"	0.250		256					
Acrolein	1.21		"	1.00		121					
Acrylonitrile	1.42		"	1.25		114					
Benzene	0.270		"	0.250		108					
Bromochloromethane	0.290		"	0.250		116					
Bromodichloromethane	0.250		"	0.250		100					
Bromoform	0.200		"	0.250		80.0					
Bromomethane	0.190		"	0.250		76.0					
Carbon disulfide	0.300		"	0.250		120					
Carbon tetrachloride	0.260		"	0.250		104					
Chlorobenzene	0.260		"	0.250		104					
Chloroethane	0.300		"	0.250		120					
Chloroform	0.290		"	0.250		116					
Chloromethane	0.310		"	0.250		124					
cis-1,2-Dichloroethylene	0.270		"	0.250		108					
cis-1,3-Dichloropropylene	0.220		"	0.250		88.0					
Cyclohexane	0.260		"	0.250		104					
Dibromochloromethane	0.240		"	0.250		96.0					
Dibromomethane	0.270		"	0.250		108					
Dichlorodifluoromethane	0.320		"	0.250		128					
Ethyl Benzene	0.270		"	0.250		108					
Hexachlorobutadiene	0.260		"	0.250		104					
Isopropylbenzene	0.230		"	0.250		92.0					
Methyl acetate	0.340		"	0.250		136					
Methyl tert-butyl ether (MTBE)	0.310		"	0.250		124					
Methylcyclohexane	0.260		"	0.250		104					
Methylene chloride	1.80		"	0.250		720					
n-Butylbenzene	0.230		"	0.250		92.0					
n-Propylbenzene	0.250		"	0.250		100					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL2)								Prepared & Analyzed: 09/16/2025			
o-Xylene	0.250		ug/L	0.250		100					
p- & m- Xylenes	0.520		"	0.500		104					
p-Isopropyltoluene	0.230		"	0.250		92.0					
sec-Butylbenzene	0.230		"	0.250		92.0					
Styrene	0.220		"	0.250		88.0					
tert-Butyl alcohol (TBA)	1.29		"	1.25		103					
tert-Butylbenzene	0.230		"	0.250		92.0					
Tetrachloroethylene	0.240		"	0.250		96.0					
Toluene	0.280		"	0.250		112					
trans-1,2-Dichloroethylene	0.280		"	0.250		112					
trans-1,3-Dichloropropylene	0.230		"	0.250		92.0					
trans-1,4-dichloro-2-butene	0.240		"	0.250		96.0					
Trichloroethylene	0.280		"	0.250		112					
Trichlorofluoromethane	0.260		"	0.250		104					
Vinyl Chloride	0.280		"	0.250		112					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*					
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*					
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*					
QBQV1080825 (S5I1802-CAL3)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	0.500		ug/L	0.500		100					
1,1,1-Trichloroethane	0.520		"	0.500		104					
1,1,2,2-Tetrachloroethane	0.560		"	0.500		112					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.570		"	0.500		114					
1,1,2-Trichloroethane	0.560		"	0.500		112					
1,1-Dichloroethane	0.550		"	0.500		110					
1,1-Dichloroethylene	0.540		"	0.500		108					
1,2,3-Trichlorobenzene	0.530		"	0.500		106					
1,2,3-Trichloropropane	0.580		"	0.500		116					
1,2,4-Trichlorobenzene	0.530		"	0.500		106					
1,2,4-Trimethylbenzene	0.490		"	0.500		98.0					
1,2-Dibromo-3-chloropropane	0.390		"	0.500		78.0					
1,2-Dibromoethane	0.550		"	0.500		110					
1,2-Dichlorobenzene	0.550		"	0.500		110					
1,2-Dichloroethane	0.630		"	0.500		126					
1,2-Dichloropropane	0.530		"	0.500		106					
1,3,5-Trimethylbenzene	0.510		"	0.500		102					
1,3-Dichlorobenzene	0.540		"	0.500		108					
1,4-Dichlorobenzene	0.530		"	0.500		106					
2-Butanone	0.450		"	0.500		90.0					
2-Hexanone	0.540		"	0.500		108					
4-Methyl-2-pentanone	0.560		"	0.500		112					
Acetone	1.01		"	0.500		202					
Acrolein	2.54		"	2.00		127					
Acrylonitrile	3.12		"	2.50		125					
Benzene	0.560		"	0.500		112					
Bromochloromethane	0.600		"	0.500		120					
Bromodichloromethane	0.500		"	0.500		100					
Bromoform	0.480		"	0.500		96.0					
Bromomethane	0.380		"	0.500		76.0					
Carbon disulfide	0.570		"	0.500		114					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL3)											
Carbon tetrachloride	0.500		ug/L	0.500		100					
Chlorobenzene	0.530		"	0.500		106					
Chloroethane	0.580		"	0.500		116					
Chloroform	0.570		"	0.500		114					
Chloromethane	0.610		"	0.500		122					
cis-1,2-Dichloroethylene	0.550		"	0.500		110					
cis-1,3-Dichloropropylene	0.480		"	0.500		96.0					
Cyclohexane	0.530		"	0.500		106					
Dibromochloromethane	0.490		"	0.500		98.0					
Dibromomethane	0.550		"	0.500		110					
Dichlorodifluoromethane	0.640		"	0.500		128					
Ethyl Benzene	0.520		"	0.500		104					
Hexachlorobutadiene	0.560		"	0.500		112					
Isopropylbenzene	0.470		"	0.500		94.0					
Methyl acetate	0.750		"	0.500		150					
Methyl tert-butyl ether (MTBE)	0.700		"	0.500		140					
Methylcyclohexane	0.520		"	0.500		104					
Methylene chloride	2.07		"	0.500		414					
n-Butylbenzene	0.500		"	0.500		100					
n-Propylbenzene	0.490		"	0.500		98.0					
o-Xylene	0.510		"	0.500		102					
p- & m- Xylenes	1.07		"	1.00		107					
p-Isopropyltoluene	0.470		"	0.500		94.0					
sec-Butylbenzene	0.480		"	0.500		96.0					
Styrene	0.470		"	0.500		94.0					
tert-Butyl alcohol (TBA)	3.39		"	2.50		136					
tert-Butylbenzene	0.470		"	0.500		94.0					
Tetrachloroethylene	0.470		"	0.500		94.0					
Toluene	0.530		"	0.500		106					
trans-1,2-Dichloroethylene	0.540		"	0.500		108					
trans-1,3-Dichloropropylene	0.490		"	0.500		98.0					
trans-1,4-dichloro-2-butene	0.560		"	0.500		112					
Trichloroethylene	0.510		"	0.500		102					
Trichlorofluoromethane	0.550		"	0.500		110					
Vinyl Chloride	0.550		"	0.500		110					
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*					
Surrogate: SURR: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*					
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*					

Prepared & Analyzed: 09/16/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL4)											Prepared & Analyzed: 09/16/2025
1,1,1,2-Tetrachloroethane	0.840		ug/L	1.00		84.0					
1,1,1-Trichloroethane	0.920		"	1.00		92.0					
1,1,2,2-Tetrachloroethane	0.940		"	1.00		94.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.00		"	1.00		100					
1,1,2-Trichloroethane	0.910		"	1.00		91.0					
1,1-Dichloroethane	0.930		"	1.00		93.0					
1,1-Dichloroethylene	0.920		"	1.00		92.0					
1,2,3-Trichlorobenzene	0.890		"	1.00		89.0					
1,2,3-Trichloropropane	0.890		"	1.00		89.0					
1,2,4-Trichlorobenzene	0.870		"	1.00		87.0					
1,2,4-Trimethylbenzene	0.870		"	1.00		87.0					
1,2-Dibromo-3-chloropropane	0.920		"	1.00		92.0					
1,2-Dibromoethane	0.910		"	1.00		91.0					
1,2-Dichlorobenzene	0.930		"	1.00		93.0					
1,2-Dichloroethane	0.940		"	1.00		94.0					
1,2-Dichloropropane	0.920		"	1.00		92.0					
1,3,5-Trimethylbenzene	0.890		"	1.00		89.0					
1,3-Dichlorobenzene	0.910		"	1.00		91.0					
1,4-Dichlorobenzene	0.890		"	1.00		89.0					
2-Butanone	0.790		"	1.00		79.0					
2-Hexanone	0.910		"	1.00		91.0					
4-Methyl-2-pentanone	0.870		"	1.00		87.0					
Acetone	1.39		"	1.00		139					
Acrolein	3.93		"	4.00		98.2					
Acrylonitrile	5.00		"	5.00		100					
Benzene	0.930		"	1.00		93.0					
Bromochloromethane	0.940		"	1.00		94.0					
Bromodichloromethane	0.880		"	1.00		88.0					
Bromoform	0.760		"	1.00		76.0					
Bromomethane	0.650		"	1.00		65.0					
Carbon disulfide	0.950		"	1.00		95.0					
Carbon tetrachloride	0.870		"	1.00		87.0					
Chlorobenzene	0.900		"	1.00		90.0					
Chloroethane	1.00		"	1.00		100					
Chloroform	0.940		"	1.00		94.0					
Chloromethane	0.990		"	1.00		99.0					
cis-1,2-Dichloroethylene	0.920		"	1.00		92.0					
cis-1,3-Dichloropropylene	0.830		"	1.00		83.0					
Cyclohexane	0.930		"	1.00		93.0					
Dibromochloromethane	0.830		"	1.00		83.0					
Dibromomethane	0.940		"	1.00		94.0					
Dichlorodifluoromethane	1.01		"	1.00		101					
Ethyl Benzene	0.880		"	1.00		88.0					
Hexachlorobutadiene	0.860		"	1.00		86.0					
Isopropylbenzene	0.860		"	1.00		86.0					
Methyl acetate	1.08		"	1.00		108					
Methyl tert-butyl ether (MTBE)	1.08		"	1.00		108					
Methylcyclohexane	0.900		"	1.00		90.0					
Methylene chloride	2.35		"	1.00		235					
n-Butylbenzene	0.880		"	1.00		88.0					
n-Propylbenzene	0.880		"	1.00		88.0					

Volatile Organic Compounds by GC/MS - Quality Control Data

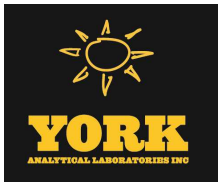
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL4)								Prepared & Analyzed: 09/16/2025			
o-Xylene	0.860		ug/L	1.00		86.0					
p- & m- Xylenes	1.75		"	2.00		87.5					
p-Isopropyltoluene	0.860		"	1.00		86.0					
sec-Butylbenzene	0.870		"	1.00		87.0					
Styrene	0.830		"	1.00		83.0					
tert-Butyl alcohol (TBA)	4.55		"	5.00		91.0					
tert-Butylbenzene	0.850		"	1.00		85.0					
Tetrachloroethylene	0.830		"	1.00		83.0					
Toluene	0.910		"	1.00		91.0					
trans-1,2-Dichloroethylene	0.950		"	1.00		95.0					
trans-1,3-Dichloropropylene	0.830		"	1.00		83.0					
trans-1,4-dichloro-2-butene	0.910		"	1.00		91.0					
Trichloroethylene	0.900		"	1.00		90.0					
Trichlorofluoromethane	0.960		"	1.00		96.0					
Vinyl Chloride	0.950		"	1.00		95.0					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*					
Surrogate: SURR: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*					
Surrogate: SURR: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*					
QBQV1080825 (S5I1802-CAL5)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	1.82		ug/L	2.00		91.0					
1,1,1-Trichloroethane	1.91		"	2.00		95.5					
1,1,2,2-Tetrachloroethane	2.00		"	2.00		100					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.06		"	2.00		103					
1,1,2-Trichloroethane	1.99		"	2.00		99.5					
1,1-Dichloroethane	1.98		"	2.00		99.0					
1,1-Dichloroethylene	1.95		"	2.00		97.5					
1,2,3-Trichlorobenzene	1.81		"	2.00		90.5					
1,2,3-Trichloropropane	1.90		"	2.00		95.0					
1,2,4-Trichlorobenzene	1.90		"	2.00		95.0					
1,2,4-Trimethylbenzene	1.90		"	2.00		95.0					
1,2-Dibromo-3-chloropropane	2.01		"	2.00		100					
1,2-Dibromoethane	1.96		"	2.00		98.0					
1,2-Dichlorobenzene	1.96		"	2.00		98.0					
1,2-Dichloroethane	2.14		"	2.00		107					
1,2-Dichloropropane	1.87		"	2.00		93.5					
1,3,5-Trimethylbenzene	1.90		"	2.00		95.0					
1,3-Dichlorobenzene	1.94		"	2.00		97.0					
1,4-Dichlorobenzene	1.90		"	2.00		95.0					
2-Butanone	1.89		"	2.00		94.5					
2-Hexanone	1.90		"	2.00		95.0					
4-Methyl-2-pentanone	1.90		"	2.00		95.0					
Acetone	2.45		"	2.00		122					
Acrolein	8.16		"	8.00		102					
Acrylonitrile	10.7		"	10.0		107					
Benzene	2.00		"	2.00		100					
Bromochloromethane	2.04		"	2.00		102					
Bromodichloromethane	1.86		"	2.00		93.0					
Bromoform	1.82		"	2.00		91.0					
Bromomethane	1.49		"	2.00		74.5					
Carbon disulfide	2.02		"	2.00		101					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL5)											Prepared & Analyzed: 09/16/2025
Carbon tetrachloride	1.88		ug/L	2.00		94.0					
Chlorobenzene	1.92		"	2.00		96.0					
Chloroethane	2.03		"	2.00		102					
Chloroform	2.01		"	2.00		100					
Chloromethane	2.08		"	2.00		104					
cis-1,2-Dichloroethylene	1.96		"	2.00		98.0					
cis-1,3-Dichloropropylene	1.76		"	2.00		88.0					
Cyclohexane	1.91		"	2.00		95.5					
Dibromochloromethane	1.85		"	2.00		92.5					
Dibromomethane	1.99		"	2.00		99.5					
Dichlorodifluoromethane	2.08		"	2.00		104					
Ethyl Benzene	1.85		"	2.00		92.5					
Hexachlorobutadiene	1.93		"	2.00		96.5					
Isopropylbenzene	1.84		"	2.00		92.0					
Methyl acetate	2.31		"	2.00		116					
Methyl tert-butyl ether (MTBE)	2.37		"	2.00		118					
Methylcyclohexane	1.85		"	2.00		92.5					
Methylene chloride	3.35		"	2.00		168					
n-Butylbenzene	1.92		"	2.00		96.0					
n-Propylbenzene	1.86		"	2.00		93.0					
o-Xylene	1.86		"	2.00		93.0					
p- & m- Xylenes	3.79		"	4.00		94.8					
p-Isopropyltoluene	1.85		"	2.00		92.5					
sec-Butylbenzene	1.87		"	2.00		93.5					
Styrene	1.83		"	2.00		91.5					
tert-Butyl alcohol (TBA)	11.8		"	10.0		118					
tert-Butylbenzene	1.84		"	2.00		92.0					
Tetrachloroethylene	1.74		"	2.00		87.0					
Toluene	1.87		"	2.00		93.5					
trans-1,2-Dichloroethylene	1.99		"	2.00		99.5					
trans-1,3-Dichloropropylene	1.83		"	2.00		91.5					
trans-1,4-dichloro-2-butene	1.97		"	2.00		98.5					
Trichloroethylene	1.85		"	2.00		92.5					
Trichlorofluoromethane	1.95		"	2.00		97.5					
Vinyl Chloride	1.97		"	2.00		98.5					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*					
Surrogate: SURR: Toluene-d8	*9.46*		*"*	*10.0*		*94.6*					
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL6)											
1,1,1,2-Tetrachloroethane	3.66		ug/L	4.00		91.5					
1,1,1-Trichloroethane	4.03		"	4.00		101					
1,1,2,2-Tetrachloroethane	3.92		"	4.00		98.0					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.09		"	4.00		102					
1,1,2-Trichloroethane	3.87		"	4.00		96.8					
1,1-Dichloroethane	4.02		"	4.00		100					
1,1-Dichloroethylene	4.05		"	4.00		101					
1,2,3-Trichlorobenzene	3.50		"	4.00		87.5					
1,2,3-Trichloropropane	4.10		"	4.00		102					
1,2,4-Trichlorobenzene	3.64		"	4.00		91.0					
1,2,4-Trimethylbenzene	3.88		"	4.00		97.0					
1,2-Dibromo-3-chloropropane	4.03		"	4.00		101					
1,2-Dibromoethane	3.81		"	4.00		95.2					
1,2-Dichlorobenzene	3.84		"	4.00		96.0					
1,2-Dichloroethane	4.15		"	4.00		104					
1,2-Dichloropropane	3.77		"	4.00		94.2					
1,3,5-Trimethylbenzene	3.88		"	4.00		97.0					
1,3-Dichlorobenzene	3.90		"	4.00		97.5					
1,4-Dichlorobenzene	3.87		"	4.00		96.8					
2-Butanone	3.91		"	4.00		97.8					
2-Hexanone	3.70		"	4.00		92.5					
4-Methyl-2-pentanone	3.61		"	4.00		90.2					
Acetone	4.34		"	4.00		108					
Acrolein	16.3		"	16.0		102					
Acrylonitrile	20.2		"	20.0		101					
Benzene	4.05		"	4.00		101					
Bromochloromethane	4.01		"	4.00		100					
Bromodichloromethane	3.70		"	4.00		92.5					
Bromoform	3.73		"	4.00		93.2					
Bromomethane	3.20		"	4.00		80.0					
Carbon disulfide	4.05		"	4.00		101					
Carbon tetrachloride	3.99		"	4.00		99.8					
Chlorobenzene	3.74		"	4.00		93.5					
Chloroethane	4.00		"	4.00		100					
Chloroform	4.06		"	4.00		102					
Chloromethane	4.23		"	4.00		106					
cis-1,2-Dichloroethylene	4.01		"	4.00		100					
cis-1,3-Dichloropropylene	3.70		"	4.00		92.5					
Cyclohexane	4.08		"	4.00		102					
Dibromochloromethane	3.72		"	4.00		93.0					
Dibromomethane	3.81		"	4.00		95.2					
Dichlorodifluoromethane	4.31		"	4.00		108					
Ethyl Benzene	3.70		"	4.00		92.5					
Hexachlorobutadiene	3.83		"	4.00		95.8					
Isopropylbenzene	3.85		"	4.00		96.2					
Methyl acetate	4.33		"	4.00		108					
Methyl tert-butyl ether (MTBE)	4.50		"	4.00		112					
Methylcyclohexane	3.84		"	4.00		96.0					
Methylene chloride	5.14		"	4.00		128					
n-Butylbenzene	3.87		"	4.00		96.8					
n-Propylbenzene	3.90		"	4.00		97.5					

Prepared & Analyzed: 09/16/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1080825 (S5I1802-CAL6)								Prepared & Analyzed: 09/16/2025			
o-Xylene	3.72		ug/L	4.00		93.0					
p- & m- Xylenes	7.50		"	8.00		93.8					
p-Isopropyltoluene	3.87		"	4.00		96.8					
sec-Butylbenzene	3.90		"	4.00		97.5					
Styrene	3.67		"	4.00		91.8					
tert-Butyl alcohol (TBA)	21.0		"	20.0		105					
tert-Butylbenzene	3.83		"	4.00		95.8					
Tetrachloroethylene	3.55		"	4.00		88.8					
Toluene	3.77		"	4.00		94.2					
trans-1,2-Dichloroethylene	4.06		"	4.00		102					
trans-1,3-Dichloropropylene	3.66		"	4.00		91.5					
trans-1,4-dichloro-2-butene	3.76		"	4.00		94.0					
Trichloroethylene	3.74		"	4.00		93.5					
Trichlorofluoromethane	4.08		"	4.00		102					
Vinyl Chloride	4.11		"	4.00		103					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*					
Surrogate: SURR: Toluene-d8	*9.46*		*"*	*10.0*		*94.6*					
Surrogate: SURR: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*					
RESTEK (S5I1802-CAL7)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100					
1,1,1-Trichloroethane	10.0		"	10.0		100					
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100					
1,1,2-Trichloroethane	10.0		"	10.0		100					
1,1-Dichloroethane	10.0		"	10.0		100					
1,1-Dichloroethylene	10.0		"	10.0		100					
1,2,3-Trichlorobenzene	10.0		"	10.0		100					
1,2,3-Trichloropropane	10.0		"	10.0		100					
1,2,4-Trichlorobenzene	10.0		"	10.0		100					
1,2,4-Trimethylbenzene	10.0		"	10.0		100					
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100					
1,2-Dibromoethane	10.0		"	10.0		100					
1,2-Dichlorobenzene	10.0		"	10.0		100					
1,2-Dichloroethane	10.0		"	10.0		100					
1,2-Dichloropropane	10.0		"	10.0		100					
1,3,5-Trimethylbenzene	10.0		"	10.0		100					
1,3-Dichlorobenzene	10.0		"	10.0		100					
1,4-Dichlorobenzene	10.0		"	10.0		100					
2-Butanone	10.0		"	10.0		100					
2-Hexanone	10.0		"	10.0		100					
4-Methyl-2-pentanone	10.0		"	10.0		100					
Acetone	10.0		"	10.0		100					
Acrolein	40.0		"	40.0		100					
Acrylonitrile	50.0		"	50.0		100					
Benzene	10.0		"	10.0		100					
Bromochloromethane	10.0		"	10.0		100					
Bromodichloromethane	10.0		"	10.0		100					
Bromoform	10.0		"	10.0		100					
Bromomethane	10.0		"	10.0		100					
Carbon disulfide	10.0		"	10.0		100					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CAL7)											
Prepared & Analyzed: 09/16/2025											
Carbon tetrachloride	10.0		ug/L	10.0		100					
Chlorobenzene	10.0		"	10.0		100					
Chloroethane	10.0		"	10.0		100					
Chloroform	10.0		"	10.0		100					
Chloromethane	10.0		"	10.0		100					
cis-1,2-Dichloroethylene	10.0		"	10.0		100					
cis-1,3-Dichloropropylene	10.0		"	10.0		100					
Cyclohexane	10.0		"	10.0		100					
Dibromochloromethane	10.0		"	10.0		100					
Dibromomethane	10.0		"	10.0		100					
Dichlorodifluoromethane	10.0		"	10.0		100					
Ethyl Benzene	10.0		"	10.0		100					
Hexachlorobutadiene	10.0		"	10.0		100					
Isopropylbenzene	10.0		"	10.0		100					
Methyl acetate	10.0		"	10.0		100					
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100					
Methylcyclohexane	10.0		"	10.0		100					
Methylene chloride	10.0		"	10.0		100					
n-Butylbenzene	10.0		"	10.0		100					
n-Propylbenzene	10.0		"	10.0		100					
o-Xylene	10.0		"	10.0		100					
p- & m- Xylenes	20.0		"	20.0		100					
p-Isopropyltoluene	10.0		"	10.0		100					
sec-Butylbenzene	10.0		"	10.0		100					
Styrene	10.0		"	10.0		100					
tert-Butyl alcohol (TBA)	50.0		"	50.0		100					
tert-Butylbenzene	10.0		"	10.0		100					
Tetrachloroethylene	10.0		"	10.0		100					
Toluene	10.0		"	10.0		100					
trans-1,2-Dichloroethylene	10.0		"	10.0		100					
trans-1,3-Dichloropropylene	10.0		"	10.0		100					
trans-1,4-dichloro-2-butene	10.0		"	10.0		100					
Trichloroethylene	10.0		"	10.0		100					
Trichlorofluoromethane	10.0		"	10.0		100					
Vinyl Chloride	9.99		"	10.0		99.9					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CAL8)											
Prepared & Analyzed: 09/16/2025											
1,1,1,2-Tetrachloroethane	19.7		ug/L	20.0		98.6					
1,1,1-Trichloroethane	19.8		"	20.0		99.0					
1,1,2,2-Tetrachloroethane	20.0		"	20.0		100					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	19.4		"	20.0		96.9					
1,1,2-Trichloroethane	19.8		"	20.0		99.2					
1,1-Dichloroethane	20.0		"	20.0		99.8					
1,1-Dichloroethylene	19.3		"	20.0		96.4					
1,2,3-Trichlorobenzene	21.1		"	20.0		105					
1,2,3-Trichloropropane	19.5		"	20.0		97.4					
1,2,4-Trichlorobenzene	21.2		"	20.0		106					
1,2,4-Trimethylbenzene	19.6		"	20.0		97.8					
1,2-Dibromo-3-chloropropane	21.5		"	20.0		107					
1,2-Dibromoethane	20.0		"	20.0		100					
1,2-Dichlorobenzene	19.6		"	20.0		98.0					
1,2-Dichloroethane	20.4		"	20.0		102					
1,2-Dichloropropane	19.3		"	20.0		96.6					
1,3,5-Trimethylbenzene	19.4		"	20.0		96.8					
1,3-Dichlorobenzene	19.5		"	20.0		97.7					
1,4-Dichlorobenzene	19.5		"	20.0		97.6					
2-Butanone	20.6		"	20.0		103					
2-Hexanone	21.1		"	20.0		105					
4-Methyl-2-pentanone	20.8		"	20.0		104					
Acetone	19.8		"	20.0		98.9					
Acrolein	84.4		"	80.0		106					
Acrylonitrile	105		"	100		105					
Benzene	19.7		"	20.0		98.6					
Bromochloromethane	20.5		"	20.0		102					
Bromodichloromethane	19.6		"	20.0		98.1					
Bromoform	21.3		"	20.0		107					
Bromomethane	25.1		"	20.0		125					
Carbon disulfide	19.4		"	20.0		96.8					
Carbon tetrachloride	20.0		"	20.0		99.8					
Chlorobenzene	19.4		"	20.0		96.8					
Chloroethane	19.7		"	20.0		98.4					
Chloroform	20.1		"	20.0		101					
Chloromethane	19.7		"	20.0		98.4					
cis-1,2-Dichloroethylene	20.0		"	20.0		99.8					
cis-1,3-Dichloropropylene	19.7		"	20.0		98.6					
Cyclohexane	19.8		"	20.0		99.0					
Dibromochloromethane	20.6		"	20.0		103					
Dibromomethane	19.6		"	20.0		98.2					
Dichlorodifluoromethane	18.8		"	20.0		93.8					
Ethyl Benzene	19.3		"	20.0		96.4					
Hexachlorobutadiene	19.8		"	20.0		98.8					
Isopropylbenzene	19.3		"	20.0		96.3					
Methyl acetate	21.1		"	20.0		106					
Methyl tert-butyl ether (MTBE)	20.8		"	20.0		104					
Methylcyclohexane	19.6		"	20.0		97.8					
Methylene chloride	18.7		"	20.0		93.4					
n-Butylbenzene	20.0		"	20.0		100					
n-Propylbenzene	19.4		"	20.0		97.1					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CAL8)								Prepared & Analyzed: 09/16/2025			
o-Xylene	19.7		ug/L	20.0		98.4					
p- & m- Xylenes	38.7		"	40.0		96.8					
p-Isopropyltoluene	19.7		"	20.0		98.6					
sec-Butylbenzene	19.8		"	20.0		99.2					
Styrene	19.6		"	20.0		97.8					
tert-Butyl alcohol (TBA)	125		"	100		125					
tert-Butylbenzene	19.6		"	20.0		98.0					
Tetrachloroethylene	19.4		"	20.0		96.8					
Toluene	19.0		"	20.0		95.1					
trans-1,2-Dichloroethylene	19.7		"	20.0		98.4					
trans-1,3-Dichloropropylene	20.4		"	20.0		102					
trans-1,4-dichloro-2-butene	20.3		"	20.0		102					
Trichloroethylene	18.8		"	20.0		94.0					
Trichlorofluoromethane	19.5		"	20.0		97.6					
Vinyl Chloride	19.5		"	20.0		97.6					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*					
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*					
Surrogate: SURR: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*					
RESTEK (S5I1802-CAL9)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	40.7		ug/L	40.0		102					
1,1,1-Trichloroethane	40.7		"	40.0		102					
1,1,2,2-Tetrachloroethane	41.5		"	40.0		104					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39.1		"	40.0		97.8					
1,1,2-Trichloroethane	41.1		"	40.0		103					
1,1-Dichloroethane	40.8		"	40.0		102					
1,1-Dichloroethylene	38.8		"	40.0		97.1					
1,2,3-Trichlorobenzene	45.8		"	40.0		115					
1,2,3-Trichloropropane	40.9		"	40.0		102					
1,2,4-Trichlorobenzene	45.3		"	40.0		113					
1,2,4-Trimethylbenzene	40.0		"	40.0		99.9					
1,2-Dibromo-3-chloropropane	45.6		"	40.0		114					
1,2-Dibromoethane	41.6		"	40.0		104					
1,2-Dichlorobenzene	40.2		"	40.0		100					
1,2-Dichloroethane	43.5		"	40.0		109					
1,2-Dichloropropane	39.1		"	40.0		97.8					
1,3,5-Trimethylbenzene	38.8		"	40.0		96.9					
1,3-Dichlorobenzene	40.0		"	40.0		100					
1,4-Dichlorobenzene	40.0		"	40.0		100					
2-Butanone	44.7		"	40.0		112					
2-Hexanone	45.7		"	40.0		114					
4-Methyl-2-pentanone	45.0		"	40.0		113					
Acetone	36.4		"	40.0		90.9					
Acrolein	183		"	160		114					
Acrylonitrile	226		"	200		113					
Benzene	40.1		"	40.0		100					
Bromochloromethane	42.6		"	40.0		106					
Bromodichloromethane	40.4		"	40.0		101					
Bromoform	46.9		"	40.0		117					
Bromomethane	60.7		"	40.0		152					
Carbon disulfide	38.9		"	40.0		97.2					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CAL9)											Prepared & Analyzed: 09/16/2025
Carbon tetrachloride	41.1		ug/L	40.0		103					
Chlorobenzene	39.4		"	40.0		98.5					
Chloroethane	39.7		"	40.0		99.3					
Chloroform	41.4		"	40.0		103					
Chloromethane	40.3		"	40.0		101					
cis-1,2-Dichloroethylene	41.4		"	40.0		104					
cis-1,3-Dichloropropylene	40.6		"	40.0		101					
Cyclohexane	41.1		"	40.0		103					
Dibromochloromethane	43.7		"	40.0		109					
Dibromomethane	41.3		"	40.0		103					
Dichlorodifluoromethane	35.4		"	40.0		88.6					
Ethyl Benzene	39.4		"	40.0		98.4					
Hexachlorobutadiene	40.2		"	40.0		101					
Isopropylbenzene	38.8		"	40.0		97.1					
Methyl acetate	46.2		"	40.0		116					
Methyl tert-butyl ether (MTBE)	45.7		"	40.0		114					
Methylcyclohexane	39.5		"	40.0		98.7					
Methylene chloride	37.0		"	40.0		92.4					
n-Butylbenzene	40.9		"	40.0		102					
n-Propylbenzene	39.4		"	40.0		98.6					
o-Xylene	40.2		"	40.0		101					
p- & m- Xylenes	79.2		"	80.0		99.0					
p-Isopropyltoluene	40.6		"	40.0		101					
sec-Butylbenzene	40.6		"	40.0		102					
Styrene	40.2		"	40.0		100					
tert-Butyl alcohol (TBA)	299		"	200		149					
tert-Butylbenzene	40.3		"	40.0		101					
Tetrachloroethylene	41.3		"	40.0		103					
Toluene	38.2		"	40.0		95.6					
trans-1,2-Dichloroethylene	40.1		"	40.0		100					
trans-1,3-Dichloropropylene	42.6		"	40.0		107					
trans-1,4-dichloro-2-butene	44.0		"	40.0		110					
Trichloroethylene	37.5		"	40.0		93.8					
Trichlorofluoromethane	39.1		"	40.0		97.8					
Vinyl Chloride	39.3		"	40.0		98.4					
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*					
Surrogate: SURR: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*					
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CALA)											
Prepared & Analyzed: 09/16/2025											
1,1,1,2-Tetrachloroethane	83.2		ug/L	80.0		104					
1,1,1-Trichloroethane	83.9		"	80.0		105					
1,1,2,2-Tetrachloroethane	84.8		"	80.0		106					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	80.6		"	80.0		101					
1,1,2-Trichloroethane	81.5		"	80.0		102					
1,1-Dichloroethane	82.5		"	80.0		103					
1,1-Dichloroethylene	79.0		"	80.0		98.8					
1,2,3-Trichlorobenzene	103		"	80.0		128					
1,2,3-Trichloropropane	83.2		"	80.0		104					
1,2,4-Trichlorobenzene	96.8		"	80.0		121					
1,2,4-Trimethylbenzene	83.4		"	80.0		104					
1,2-Dibromo-3-chloropropane	94.6		"	80.0		118					
1,2-Dibromoethane	80.8		"	80.0		101					
1,2-Dichlorobenzene	82.1		"	80.0		103					
1,2-Dichloroethane	85.6		"	80.0		107					
1,2-Dichloropropane	79.1		"	80.0		98.9					
1,3,5-Trimethylbenzene	80.6		"	80.0		101					
1,3-Dichlorobenzene	83.0		"	80.0		104					
1,4-Dichlorobenzene	82.8		"	80.0		103					
2-Butanone	85.6		"	80.0		107					
2-Hexanone	90.8		"	80.0		114					
4-Methyl-2-pentanone	88.9		"	80.0		111					
Acetone	76.0		"	80.0		95.0					
Acrolein	369		"	320		115					
Acrylonitrile	446		"	400		112					
Benzene	80.0		"	80.0		100					
Bromochloromethane	78.6		"	80.0		98.3					
Bromodichloromethane	81.5		"	80.0		102					
Bromoform	95.7		"	80.0		120					
Bromomethane	143		"	80.0		179					
Carbon disulfide	79.1		"	80.0		98.8					
Carbon tetrachloride	85.6		"	80.0		107					
Chlorobenzene	79.7		"	80.0		99.6					
Chloroethane	79.2		"	80.0		99.0					
Chloroform	82.4		"	80.0		103					
Chloromethane	87.8		"	80.0		110					
cis-1,2-Dichloroethylene	83.3		"	80.0		104					
cis-1,3-Dichloropropylene	82.1		"	80.0		103					
Cyclohexane	85.0		"	80.0		106					
Dibromochloromethane	87.4		"	80.0		109					
Dibromomethane	81.8		"	80.0		102					
Dichlorodifluoromethane	72.4		"	80.0		90.5					
Ethyl Benzene	81.1		"	80.0		101					
Hexachlorobutadiene	91.0		"	80.0		114					
Isopropylbenzene	81.0		"	80.0		101					
Methyl acetate	88.9		"	80.0		111					
Methyl tert-butyl ether (MTBE)	72.1		"	80.0		90.1					
Methylcyclohexane	81.9		"	80.0		102					
Methylene chloride	72.3		"	80.0		90.4					
n-Butylbenzene	85.8		"	80.0		107					
n-Propylbenzene	81.6		"	80.0		102					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
RESTEK (S5I1802-CALA)								Prepared & Analyzed: 09/16/2025			
o-Xylene	81.9		ug/L	80.0		102					
p- & m- Xylenes	160		"	160		100					
p-Isopropyltoluene	84.5		"	80.0		106					
sec-Butylbenzene	83.9		"	80.0		105					
Styrene	81.6		"	80.0		102					
tert-Butyl alcohol (TBA)	743		"	400		186					
tert-Butylbenzene	83.5		"	80.0		104					
Tetrachloroethylene	80.8		"	80.0		101					
Toluene	77.6		"	80.0		97.0					
trans-1,2-Dichloroethylene	81.2		"	80.0		102					
trans-1,3-Dichloropropylene	85.6		"	80.0		107					
trans-1,4-dichloro-2-butene	92.3		"	80.0		115					
Trichloroethylene	77.7		"	80.0		97.1					
Trichlorofluoromethane	80.0		"	80.0		100					
Vinyl Chloride	80.9		"	80.0		101					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*					
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*					
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*					
QBQV1081125 (S5I1802-SCV1)								Prepared & Analyzed: 09/16/2025			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	70-130				
1,1,1-Trichloroethane	9.96		"	10.0		99.6	70-130				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	70-130				
1,1,2-Trichloroethane	10.3		"	10.0		103	70-130				
1,1-Dichloroethane	9.84		"	10.0		98.4	70-130				
1,1-Dichloroethylene	9.09		"	10.0		90.9	70-130				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	70-130				
1,2,3-Trichloropropane	10.0		"	10.0		100	70-130				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70-130				
1,2,4-Trimethylbenzene	9.92		"	10.0		99.2	70-130				
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	70-130				
1,2-Dibromoethane	10.3		"	10.0		103	70-130				
1,2-Dichlorobenzene	9.91		"	10.0		99.1	70-130				
1,2-Dichloroethane	9.82		"	10.0		98.2	70-130				
1,2-Dichloropropane	10.0		"	10.0		100	70-130				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	9.99		"	10.0		99.9	70-130				
1,4-Dichlorobenzene	10.1		"	10.0		101	70-130				
2-Butanone	10.5		"	10.0		105	70-130				
2-Hexanone	10.5		"	10.0		105	70-130				
4-Methyl-2-pentanone	10.6		"	10.0		106	70-130				
Acetone	10.8		"	10.0		108	70-130				
Acrolein	29.6		"	40.0		73.9	70-130				
Acrylonitrile	9.47		"	10.0		94.7	70-130				
Benzene	9.71		"	10.0		97.1	70-130				
Bromochloromethane	10.3		"	10.0		103	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	10.9		"	10.0		109	70-130				
Bromomethane	9.72		"	10.0		97.2	70-130				
Carbon disulfide	8.63		"	10.0		86.3	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1802 - BI51063											
QBQV1081125 (S5I1802-SCV1)								Prepared & Analyzed: 09/16/2025			
Carbon tetrachloride	9.79		ug/L	10.0		97.9	70-130				
Chlorobenzene	10.1		"	10.0		101	70-130				
Chloroethane	11.6		"	10.0		116	70-130				
Chloroform	9.94		"	10.0		99.4	70-130				
Chloromethane	8.21		"	10.0		82.1	70-130				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	9.39		"	10.0		93.9	70-130				
Dibromochloromethane	10.4		"	10.0		104	70-130				
Dibromomethane	10.4		"	10.0		104	70-130				
Dichlorodifluoromethane	6.04		"	10.0		60.4	70-130	Low Bias			
Ethyl Benzene	9.89		"	10.0		98.9	70-130				
Hexachlorobutadiene	10.5		"	10.0		105	70-130				
Isopropylbenzene	10.1		"	10.0		101	70-130				
Methyl acetate	9.88		"	10.0		98.8	70-130				
Methyl tert-butyl ether (MTBE)	9.94		"	10.0		99.4	70-130				
Methylcyclohexane	9.71		"	10.0		97.1	70-130				
Methylene chloride	10.8		"	10.0		108	70-130				
n-Butylbenzene	10.4		"	10.0		104	70-130				
n-Propylbenzene	10.1		"	10.0		101	70-130				
o-Xylene	10.4		"	10.0		104	70-130				
p- & m- Xylenes	20.2		"	20.0		101	70-130				
p-Isopropyltoluene	10.3		"	10.0		103	70-130				
sec-Butylbenzene	10.5		"	10.0		105	70-130				
Styrene	10.1		"	10.0		101	70-130				
tert-Butyl alcohol (TBA)	47.5		"	50.0		94.9	70-130				
tert-Butylbenzene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	11.7		"	10.0		117	70-130				
Toluene	9.78		"	10.0		97.8	70-130				
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
trans-1,4-dichloro-2-butene	9.53		"	10.0		95.3	70-130				
Trichloroethylene	9.55		"	10.0		95.5	70-130				
Trichlorofluoromethane	8.67		"	10.0		86.7	70-130				
Vinyl Chloride	8.06		"	10.0		80.6	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL1)											
1,1,1,2-Tetrachloroethane	0.190		ug/L	0.100		190					
1,1,1-Trichloroethane	0.00		"	0.100							
1,1,2,2-Tetrachloroethane	0.00		"	0.100							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00		"	0.100							
1,1,2-Trichloroethane	0.00		"	0.100							
1,1-Dichloroethane	0.210		"	0.100		210					
1,1-Dichloroethylene	0.00		"	0.100							
1,2,3-Trichlorobenzene	0.230		"	0.100		230					
1,2,3-Trichloropropane	0.00		"	0.100							
1,2,4-Trichlorobenzene	0.240		"	0.100		240					
1,2,4-Trimethylbenzene	0.00		"	0.100							
1,2-Dibromo-3-chloropropane	0.00		"	0.100							
1,2-Dibromoethane	0.00		"	0.100							
1,2-Dichlorobenzene	0.220		"	0.100		220					
1,2-Dichloroethane	0.210		"	0.100		210					
1,2-Dichloropropane	0.220		"	0.100		220					
1,3,5-Trimethylbenzene	0.00		"	0.100							
1,3-Dichlorobenzene	0.230		"	0.100		230					
1,4-Dichlorobenzene	0.230		"	0.100		230					
2-Butanone	0.00		"	0.100							
2-Hexanone	0.00		"	0.100							
4-Methyl-2-pentanone	0.00		"	0.100							
Acetone	0.520		"	0.100		520					
Acrolein	0.590		"	0.400		148					
Acrylonitrile	0.560		"	0.500		112					
Benzene	0.200		"	0.100		200					
Bromochloromethane	0.200		"	0.100		200					
Bromodichloromethane	0.200		"	0.100		200					
Bromoform	0.00		"	0.100							
Bromomethane	0.00		"	0.100							
Carbon disulfide	0.200		"	0.100		200					
Carbon tetrachloride	0.00		"	0.100							
Chlorobenzene	0.230		"	0.100		230					
Chloroethane	0.210		"	0.100		210					
Chloroform	0.220		"	0.100		220					
Chloromethane	0.190		"	0.100		190					
cis-1,2-Dichloroethylene	0.200		"	0.100		200					
cis-1,3-Dichloropropylene	0.00		"	0.100							
Cyclohexane	0.00		"	0.100							
Dibromochloromethane	0.00		"	0.100							
Dibromomethane	0.00		"	0.100							
Dichlorodifluoromethane	0.00		"	0.100							
Ethyl Benzene	0.200		"	0.100		200					
Hexachlorobutadiene	0.00		"	0.100							
Isopropylbenzene	0.210		"	0.100		210					
Methyl acetate	0.200		"	0.100		200					
Methyl tert-butyl ether (MTBE)	0.00		"	0.100							
Methylcyclohexane	0.00		"	0.100							
Methylene chloride	2.03		"	0.100		NR					
n-Butylbenzene	0.190		"	0.100		190					
n-Propylbenzene	0.210		"	0.100		210					

Prepared & Analyzed: 09/17/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL1)								Prepared & Analyzed: 09/17/2025			
o-Xylene	0.200		ug/L	0.100		200					
p- & m- Xylenes	0.400		"	0.200		200					
p-Isopropyltoluene	0.00		"	0.100							
sec-Butylbenzene	0.00		"	0.100							
Styrene	0.00		"	0.100							
tert-Butyl alcohol (TBA)	0.00		"	0.500							
tert-Butylbenzene	0.210		"	0.100		210					
Tetrachloroethylene	0.190		"	0.100		190					
Toluene	0.220		"	0.100		220					
trans-1,2-Dichloroethylene	0.200		"	0.100		200					
trans-1,3-Dichloropropylene	0.00		"	0.100							
trans-1,4-dichloro-2-butene	0.00		"	0.100							
Trichloroethylene	0.210		"	0.100		210					
Trichlorofluoromethane	0.00		"	0.100							
Vinyl Chloride	0.00		"	0.100							
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*					
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*					
Surrogate: SURR: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*					
QBQV1080825 (S5I1904-CAL2)								Prepared & Analyzed: 09/17/2025			
1,1,1,2-Tetrachloroethane	0.250		ug/L	0.250		100					
1,1,1-Trichloroethane	0.280		"	0.250		112					
1,1,2,2-Tetrachloroethane	0.340		"	0.250		136					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.340		"	0.250		136					
1,1,2-Trichloroethane	0.310		"	0.250		124					
1,1-Dichloroethane	0.300		"	0.250		120					
1,1-Dichloroethylene	0.320		"	0.250		128					
1,2,3-Trichlorobenzene	0.370		"	0.250		148					
1,2,3-Trichloropropane	0.320		"	0.250		128					
1,2,4-Trichlorobenzene	0.360		"	0.250		144					
1,2,4-Trimethylbenzene	0.270		"	0.250		108					
1,2-Dibromo-3-chloropropane	0.00		"	0.250							
1,2-Dibromoethane	0.300		"	0.250		120					
1,2-Dichlorobenzene	0.290		"	0.250		116					
1,2-Dichloroethane	0.310		"	0.250		124					
1,2-Dichloropropane	0.290		"	0.250		116					
1,3,5-Trimethylbenzene	0.270		"	0.250		108					
1,3-Dichlorobenzene	0.300		"	0.250		120					
1,4-Dichlorobenzene	0.320		"	0.250		128					
2-Butanone	0.00		"	0.250							
2-Hexanone	0.200		"	0.250		80.0					
4-Methyl-2-pentanone	0.240		"	0.250		96.0					
Acetone	0.640		"	0.250		256					
Acrolein	1.35		"	1.00		135					
Acrylonitrile	1.46		"	1.25		117					
Benzene	0.290		"	0.250		116					
Bromochloromethane	0.310		"	0.250		124					
Bromodichloromethane	0.300		"	0.250		120					
Bromoform	0.240		"	0.250		96.0					
Bromomethane	0.370		"	0.250		148					
Carbon disulfide	0.340		"	0.250		136					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL2)											Prepared & Analyzed: 09/17/2025
Carbon tetrachloride	0.260		ug/L	0.250		104					
Chlorobenzene	0.310		"	0.250		124					
Chloroethane	0.320		"	0.250		128					
Chloroform	0.280		"	0.250		112					
Chloromethane	0.380		"	0.250		152					
cis-1,2-Dichloroethylene	0.290		"	0.250		116					
cis-1,3-Dichloropropylene	0.250		"	0.250		100					
Cyclohexane	0.270		"	0.250		108					
Dibromochloromethane	0.260		"	0.250		104					
Dibromomethane	0.280		"	0.250		112					
Dichlorodifluoromethane	0.370		"	0.250		148					
Ethyl Benzene	0.290		"	0.250		116					
Hexachlorobutadiene	0.330		"	0.250		132					
Isopropylbenzene	0.290		"	0.250		116					
Methyl acetate	0.340		"	0.250		136					
Methyl tert-butyl ether (MTBE)	0.290		"	0.250		116					
Methylcyclohexane	0.280		"	0.250		112					
Methylene chloride	1.97		"	0.250		788					
n-Butylbenzene	0.260		"	0.250		104					
n-Propylbenzene	0.300		"	0.250		120					
o-Xylene	0.260		"	0.250		104					
p- & m- Xylenes	0.550		"	0.500		110					
p-Isopropyltoluene	0.250		"	0.250		100					
sec-Butylbenzene	0.270		"	0.250		108					
Styrene	0.240		"	0.250		96.0					
tert-Butyl alcohol (TBA)	0.910		"	1.25		72.8					
tert-Butylbenzene	0.290		"	0.250		116					
Tetrachloroethylene	0.280		"	0.250		112					
Toluene	0.310		"	0.250		124					
trans-1,2-Dichloroethylene	0.290		"	0.250		116					
trans-1,3-Dichloropropylene	0.250		"	0.250		100					
trans-1,4-dichloro-2-butene	0.310		"	0.250		124					
Trichloroethylene	0.300		"	0.250		120					
Trichlorofluoromethane	0.310		"	0.250		124					
Vinyl Chloride	0.310		"	0.250		124					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*					
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*					
Surrogate: SURR: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL3)											
1,1,1,2-Tetrachloroethane	0.530		ug/L	0.500		106					
1,1,1-Trichloroethane	0.520		"	0.500		104					
1,1,2,2-Tetrachloroethane	0.670		"	0.500		134					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.610		"	0.500		122					
1,1,2-Trichloroethane	0.560		"	0.500		112					
1,1-Dichloroethane	0.560		"	0.500		112					
1,1-Dichloroethylene	0.610		"	0.500		122					
1,2,3-Trichlorobenzene	0.590		"	0.500		118					
1,2,3-Trichloropropane	0.610		"	0.500		122					
1,2,4-Trichlorobenzene	0.570		"	0.500		114					
1,2,4-Trimethylbenzene	0.510		"	0.500		102					
1,2-Dibromo-3-chloropropane	0.560		"	0.500		112					
1,2-Dibromoethane	0.570		"	0.500		114					
1,2-Dichlorobenzene	0.580		"	0.500		116					
1,2-Dichloroethane	0.550		"	0.500		110					
1,2-Dichloropropane	0.530		"	0.500		106					
1,3,5-Trimethylbenzene	0.530		"	0.500		106					
1,3-Dichlorobenzene	0.550		"	0.500		110					
1,4-Dichlorobenzene	0.580		"	0.500		116					
2-Butanone	0.500		"	0.500		100					
2-Hexanone	0.540		"	0.500		108					
4-Methyl-2-pentanone	0.480		"	0.500		96.0					
Acetone	1.02		"	0.500		204					
Acrolein	2.17		"	2.00		108					
Acrylonitrile	2.71		"	2.50		108					
Benzene	0.530		"	0.500		106					
Bromochloromethane	0.580		"	0.500		116					
Bromodichloromethane	0.550		"	0.500		110					
Bromoform	0.460		"	0.500		92.0					
Bromomethane	0.690		"	0.500		138					
Carbon disulfide	0.600		"	0.500		120					
Carbon tetrachloride	0.510		"	0.500		102					
Chlorobenzene	0.570		"	0.500		114					
Chloroethane	0.770		"	0.500		154					
Chloroform	0.550		"	0.500		110					
Chloromethane	0.680		"	0.500		136					
cis-1,2-Dichloroethylene	0.510		"	0.500		102					
cis-1,3-Dichloropropylene	0.490		"	0.500		98.0					
Cyclohexane	0.580		"	0.500		116					
Dibromochloromethane	0.520		"	0.500		104					
Dibromomethane	0.580		"	0.500		116					
Dichlorodifluoromethane	0.670		"	0.500		134					
Ethyl Benzene	0.560		"	0.500		112					
Hexachlorobutadiene	0.610		"	0.500		122					
Isopropylbenzene	0.590		"	0.500		118					
Methyl acetate	0.770		"	0.500		154					
Methyl tert-butyl ether (MTBE)	0.560		"	0.500		112					
Methylcyclohexane	0.620		"	0.500		124					
Methylene chloride	2.18		"	0.500		436					
n-Butylbenzene	0.510		"	0.500		102					
n-Propylbenzene	0.600		"	0.500		120					

Prepared & Analyzed: 09/17/2025

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL3)											Prepared & Analyzed: 09/17/2025
o-Xylene	0.530		ug/L	0.500		106					
p- & m- Xylenes	1.07		"	1.00		107					
p-Isopropyltoluene	0.480		"	0.500		96.0					
sec-Butylbenzene	0.550		"	0.500		110					
Styrene	0.460		"	0.500		92.0					
tert-Butyl alcohol (TBA)	1.77		"	2.50		70.8					
tert-Butylbenzene	0.550		"	0.500		110					
Tetrachloroethylene	0.570		"	0.500		114					
Toluene	0.590		"	0.500		118					
trans-1,2-Dichloroethylene	0.550		"	0.500		110					
trans-1,3-Dichloropropylene	0.450		"	0.500		90.0					
trans-1,4-dichloro-2-butene	0.570		"	0.500		114					
Trichloroethylene	0.580		"	0.500		116					
Trichlorofluoromethane	0.630		"	0.500		126					
Vinyl Chloride	0.610		"	0.500		122					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*					
Surrogate: SURR: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*					
QBQV1080825 (S5I1904-CAL4)											Prepared & Analyzed: 09/17/2025
1,1,1,2-Tetrachloroethane	0.970		ug/L	1.00		97.0					
1,1,1-Trichloroethane	1.03		"	1.00		103					
1,1,2,2-Tetrachloroethane	1.21		"	1.00		121					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.15		"	1.00		115					
1,1,2-Trichloroethane	1.06		"	1.00		106					
1,1-Dichloroethane	1.06		"	1.00		106					
1,1-Dichloroethylene	1.17		"	1.00		117					
1,2,3-Trichlorobenzene	1.14		"	1.00		114					
1,2,3-Trichloropropane	1.10		"	1.00		110					
1,2,4-Trichlorobenzene	1.15		"	1.00		115					
1,2,4-Trimethylbenzene	1.01		"	1.00		101					
1,2-Dibromo-3-chloropropane	1.18		"	1.00		118					
1,2-Dibromoethane	1.11		"	1.00		111					
1,2-Dichlorobenzene	1.07		"	1.00		107					
1,2-Dichloroethane	1.00		"	1.00		100					
1,2-Dichloropropane	1.07		"	1.00		107					
1,3,5-Trimethylbenzene	1.06		"	1.00		106					
1,3-Dichlorobenzene	1.02		"	1.00		102					
1,4-Dichlorobenzene	1.04		"	1.00		104					
2-Butanone	1.02		"	1.00		102					
2-Hexanone	1.07		"	1.00		107					
4-Methyl-2-pentanone	1.01		"	1.00		101					
Acetone	1.57		"	1.00		157					
Acrolein	4.29		"	4.00		107					
Acrylonitrile	5.21		"	5.00		104					
Benzene	1.03		"	1.00		103					
Bromochloromethane	1.03		"	1.00		103					
Bromodichloromethane	1.05		"	1.00		105					
Bromoform	0.910		"	1.00		91.0					
Bromomethane	1.25		"	1.00		125					
Carbon disulfide	1.15		"	1.00		115					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL4)											Prepared & Analyzed: 09/17/2025
Carbon tetrachloride	1.02		ug/L	1.00		102					
Chlorobenzene	1.12		"	1.00		112					
Chloroethane	1.17		"	1.00		117					
Chloroform	1.00		"	1.00		100					
Chloromethane	1.16		"	1.00		116					
cis-1,2-Dichloroethylene	1.03		"	1.00		103					
cis-1,3-Dichloropropylene	0.960		"	1.00		96.0					
Cyclohexane	1.11		"	1.00		111					
Dibromochloromethane	0.960		"	1.00		96.0					
Dibromomethane	1.12		"	1.00		112					
Dichlorodifluoromethane	1.14		"	1.00		114					
Ethyl Benzene	1.07		"	1.00		107					
Hexachlorobutadiene	1.23		"	1.00		123					
Isopropylbenzene	1.16		"	1.00		116					
Methyl acetate	1.15		"	1.00		115					
Methyl tert-butyl ether (MTBE)	1.03		"	1.00		103					
Methylcyclohexane	1.24		"	1.00		124					
Methylene chloride	2.88		"	1.00		288					
n-Butylbenzene	1.03		"	1.00		103					
n-Propylbenzene	1.17		"	1.00		117					
o-Xylene	0.980		"	1.00		98.0					
p- & m- Xylenes	2.07		"	2.00		104					
p-Isopropyltoluene	0.990		"	1.00		99.0					
sec-Butylbenzene	1.12		"	1.00		112					
Styrene	0.910		"	1.00		91.0					
tert-Butyl alcohol (TBA)	2.85		"	5.00		57.0					
tert-Butylbenzene	1.11		"	1.00		111					
Tetrachloroethylene	1.10		"	1.00		110					
Toluene	1.13		"	1.00		113					
trans-1,2-Dichloroethylene	1.04		"	1.00		104					
trans-1,3-Dichloropropylene	0.900		"	1.00		90.0					
trans-1,4-dichloro-2-butene	1.08		"	1.00		108					
Trichloroethylene	1.16		"	1.00		116					
Trichlorofluoromethane	1.12		"	1.00		112					
Vinyl Chloride	1.15		"	1.00		115					
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*					
Surrogate: SURR: Toluene-d8	*10.9*		*"*	*10.0*		*109*					
Surrogate: SURR: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL5)											Prepared & Analyzed: 09/17/2025
1,1,1,2-Tetrachloroethane	1.98		ug/L	2.00		99.0					
1,1,1-Trichloroethane	2.06		"	2.00		103					
1,1,2,2-Tetrachloroethane	2.36		"	2.00		118					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.25		"	2.00		112					
1,1,2-Trichloroethane	2.12		"	2.00		106					
1,1-Dichloroethane	2.08		"	2.00		104					
1,1-Dichloroethylene	2.24		"	2.00		112					
1,2,3-Trichlorobenzene	2.33		"	2.00		116					
1,2,3-Trichloropropane	2.32		"	2.00		116					
1,2,4-Trichlorobenzene	2.20		"	2.00		110					
1,2,4-Trimethylbenzene	2.06		"	2.00		103					
1,2-Dibromo-3-chloropropane	2.09		"	2.00		104					
1,2-Dibromoethane	2.15		"	2.00		108					
1,2-Dichlorobenzene	2.02		"	2.00		101					
1,2-Dichloroethane	2.03		"	2.00		102					
1,2-Dichloropropane	2.09		"	2.00		104					
1,3,5-Trimethylbenzene	2.11		"	2.00		106					
1,3-Dichlorobenzene	1.99		"	2.00		99.5					
1,4-Dichlorobenzene	2.09		"	2.00		104					
2-Butanone	1.93		"	2.00		96.5					
2-Hexanone	2.02		"	2.00		101					
4-Methyl-2-pentanone	1.79		"	2.00		89.5					
Acetone	2.86		"	2.00		143					
Acrolein	7.96		"	8.00		99.5					
Acrylonitrile	10.6		"	10.0		106					
Benzene	2.05		"	2.00		102					
Bromochloromethane	2.12		"	2.00		106					
Bromodichloromethane	2.12		"	2.00		106					
Bromoform	1.84		"	2.00		92.0					
Bromomethane	2.30		"	2.00		115					
Carbon disulfide	2.27		"	2.00		114					
Carbon tetrachloride	2.03		"	2.00		102					
Chlorobenzene	2.17		"	2.00		108					
Chloroethane	2.41		"	2.00		120					
Chloroform	2.04		"	2.00		102					
Chloromethane	2.36		"	2.00		118					
cis-1,2-Dichloroethylene	1.99		"	2.00		99.5					
cis-1,3-Dichloropropylene	1.98		"	2.00		99.0					
Cyclohexane	2.18		"	2.00		109					
Dibromochloromethane	1.95		"	2.00		97.5					
Dibromomethane	2.15		"	2.00		108					
Dichlorodifluoromethane	2.29		"	2.00		114					
Ethyl Benzene	2.10		"	2.00		105					
Hexachlorobutadiene	2.52		"	2.00		126					
Isopropylbenzene	2.28		"	2.00		114					
Methyl acetate	2.28		"	2.00		114					
Methyl tert-butyl ether (MTBE)	2.05		"	2.00		102					
Methylcyclohexane	2.53		"	2.00		126					
Methylene chloride	3.53		"	2.00		176					
n-Butylbenzene	1.98		"	2.00		99.0					
n-Propylbenzene	2.27		"	2.00		114					

Volatile Organic Compounds by GC/MS - Quality Control Data

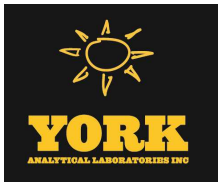
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL5)								Prepared & Analyzed: 09/17/2025			
o-Xylene	1.98		ug/L	2.00		99.0					
p- & m- Xylenes	4.06		"	4.00		102					
p-Isopropyltoluene	2.04		"	2.00		102					
sec-Butylbenzene	2.22		"	2.00		111					
Styrene	1.88		"	2.00		94.0					
tert-Butyl alcohol (TBA)	6.67		"	10.0		66.7					
tert-Butylbenzene	2.20		"	2.00		110					
Tetrachloroethylene	2.20		"	2.00		110					
Toluene	2.15		"	2.00		108					
trans-1,2-Dichloroethylene	2.10		"	2.00		105					
trans-1,3-Dichloropropylene	1.89		"	2.00		94.5					
trans-1,4-dichloro-2-butene	2.17		"	2.00		108					
Trichloroethylene	2.22		"	2.00		111					
Trichlorofluoromethane	2.26		"	2.00		113					
Vinyl Chloride	2.33		"	2.00		116					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*					
Surrogate: SURR: Toluene-d8	*10.7*		*"*	*10.0*		*107*					
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*					
QBQV1080825 (S5I1904-CAL6)								Prepared & Analyzed: 09/17/2025			
1,1,1,2-Tetrachloroethane	3.93		ug/L	4.00		98.2					
1,1,1-Trichloroethane	4.19		"	4.00		105					
1,1,2,2-Tetrachloroethane	4.51		"	4.00		113					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.48		"	4.00		112					
1,1,2-Trichloroethane	4.12		"	4.00		103					
1,1-Dichloroethane	4.15		"	4.00		104					
1,1-Dichloroethylene	4.48		"	4.00		112					
1,2,3-Trichlorobenzene	4.47		"	4.00		112					
1,2,3-Trichloropropane	4.57		"	4.00		114					
1,2,4-Trichlorobenzene	4.49		"	4.00		112					
1,2,4-Trimethylbenzene	4.16		"	4.00		104					
1,2-Dibromo-3-chloropropane	4.11		"	4.00		103					
1,2-Dibromoethane	4.05		"	4.00		101					
1,2-Dichlorobenzene	3.99		"	4.00		99.8					
1,2-Dichloroethane	4.01		"	4.00		100					
1,2-Dichloropropane	3.98		"	4.00		99.5					
1,3,5-Trimethylbenzene	4.21		"	4.00		105					
1,3-Dichlorobenzene	4.04		"	4.00		101					
1,4-Dichlorobenzene	4.18		"	4.00		104					
2-Butanone	4.29		"	4.00		107					
2-Hexanone	3.97		"	4.00		99.2					
4-Methyl-2-pentanone	3.91		"	4.00		97.8					
Acetone	5.04		"	4.00		126					
Acrolein	16.7		"	16.0		105					
Acrylonitrile	20.3		"	20.0		102					
Benzene	4.06		"	4.00		102					
Bromochloromethane	4.18		"	4.00		104					
Bromodichloromethane	4.13		"	4.00		103					
Bromoform	3.79		"	4.00		94.8					
Bromomethane	4.22		"	4.00		106					
Carbon disulfide	4.50		"	4.00		112					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1080825 (S5I1904-CAL6)											Prepared & Analyzed: 09/17/2025
Carbon tetrachloride	4.25		ug/L	4.00		106					
Chlorobenzene	4.14		"	4.00		104					
Chloroethane	4.40		"	4.00		110					
Chloroform	4.10		"	4.00		102					
Chloromethane	4.46		"	4.00		112					
cis-1,2-Dichloroethylene	4.03		"	4.00		101					
cis-1,3-Dichloropropylene	3.92		"	4.00		98.0					
Cyclohexane	4.37		"	4.00		109					
Dibromochloromethane	3.98		"	4.00		99.5					
Dibromomethane	4.17		"	4.00		104					
Dichlorodifluoromethane	4.39		"	4.00		110					
Ethyl Benzene	4.11		"	4.00		103					
Hexachlorobutadiene	4.45		"	4.00		111					
Isopropylbenzene	4.58		"	4.00		114					
Methyl acetate	4.47		"	4.00		112					
Methyl tert-butyl ether (MTBE)	4.05		"	4.00		101					
Methylcyclohexane	4.94		"	4.00		124					
Methylene chloride	5.59		"	4.00		140					
n-Butylbenzene	4.09		"	4.00		102					
n-Propylbenzene	4.51		"	4.00		113					
o-Xylene	3.93		"	4.00		98.2					
p- & m- Xylenes	8.01		"	8.00		100					
p-Isopropyltoluene	4.10		"	4.00		102					
sec-Butylbenzene	4.46		"	4.00		112					
Styrene	3.82		"	4.00		95.5					
tert-Butyl alcohol (TBA)	12.5		"	20.0		62.5					
tert-Butylbenzene	4.39		"	4.00		110					
Tetrachloroethylene	4.31		"	4.00		108					
Toluene	4.18		"	4.00		104					
trans-1,2-Dichloroethylene	4.19		"	4.00		105					
trans-1,3-Dichloropropylene	3.85		"	4.00		96.2					
trans-1,4-dichloro-2-butene	4.29		"	4.00		107					
Trichloroethylene	4.27		"	4.00		107					
Trichlorofluoromethane	4.37		"	4.00		109					
Vinyl Chloride	4.49		"	4.00		112					
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*					
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*					
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CAL7)											
Prepared & Analyzed: 09/17/2025											
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100					
1,1,1-Trichloroethane	10.0		"	10.0		100					
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100					
1,1,2-Trichloroethane	10.0		"	10.0		100					
1,1-Dichloroethane	10.0		"	10.0		100					
1,1-Dichloroethylene	10.0		"	10.0		100					
1,2,3-Trichlorobenzene	10.0		"	10.0		100					
1,2,3-Trichloropropane	10.0		"	10.0		100					
1,2,4-Trichlorobenzene	10.0		"	10.0		100					
1,2,4-Trimethylbenzene	10.0		"	10.0		100					
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100					
1,2-Dibromoethane	10.0		"	10.0		100					
1,2-Dichlorobenzene	10.0		"	10.0		100					
1,2-Dichloroethane	10.0		"	10.0		100					
1,2-Dichloropropane	10.0		"	10.0		100					
1,3,5-Trimethylbenzene	10.0		"	10.0		100					
1,3-Dichlorobenzene	10.0		"	10.0		100					
1,4-Dichlorobenzene	10.0		"	10.0		100					
2-Butanone	10.0		"	10.0		100					
2-Hexanone	10.0		"	10.0		100					
4-Methyl-2-pentanone	10.0		"	10.0		100					
Acetone	10.0		"	10.0		100					
Acrolein	40.0		"	40.0		100					
Acrylonitrile	50.0		"	50.0		100					
Benzene	10.0		"	10.0		100					
Bromochloromethane	10.0		"	10.0		100					
Bromodichloromethane	10.0		"	10.0		100					
Bromoform	10.0		"	10.0		100					
Bromomethane	9.98		"	10.0		99.8					
Carbon disulfide	10.0		"	10.0		100					
Carbon tetrachloride	10.0		"	10.0		100					
Chlorobenzene	10.0		"	10.0		100					
Chloroethane	10.0		"	10.0		100					
Chloroform	10.0		"	10.0		100					
Chloromethane	10.0		"	10.0		100					
cis-1,2-Dichloroethylene	10.0		"	10.0		100					
cis-1,3-Dichloropropylene	10.0		"	10.0		100					
Cyclohexane	10.0		"	10.0		100					
Dibromochloromethane	10.0		"	10.0		100					
Dibromomethane	10.0		"	10.0		100					
Dichlorodifluoromethane	10.0		"	10.0		100					
Ethyl Benzene	10.0		"	10.0		100					
Hexachlorobutadiene	10.0		"	10.0		100					
Isopropylbenzene	10.0		"	10.0		100					
Methyl acetate	10.0		"	10.0		100					
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100					
Methylcyclohexane	10.0		"	10.0		100					
Methylene chloride	10.0		"	10.0		100					
n-Butylbenzene	10.0		"	10.0		100					
n-Propylbenzene	10.0		"	10.0		100					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CAL7)								Prepared & Analyzed: 09/17/2025			
o-Xylene	10.0		ug/L	10.0		100					
p- & m- Xylenes	20.0		"	20.0		100					
p-Isopropyltoluene	10.0		"	10.0		100					
sec-Butylbenzene	10.0		"	10.0		100					
Styrene	10.0		"	10.0		100					
tert-Butyl alcohol (TBA)	50.0		"	50.0		100					
tert-Butylbenzene	10.0		"	10.0		100					
Tetrachloroethylene	10.0		"	10.0		100					
Toluene	10.0		"	10.0		100					
trans-1,2-Dichloroethylene	10.0		"	10.0		100					
trans-1,3-Dichloropropylene	10.0		"	10.0		100					
trans-1,4-dichloro-2-butene	10.0		"	10.0		100					
Trichloroethylene	10.0		"	10.0		100					
Trichlorofluoromethane	10.0		"	10.0		100					
Vinyl Chloride	9.99		"	10.0		99.9					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*					
RESTEK (S5I1904-CAL8)								Prepared & Analyzed: 09/17/2025			
1,1,1,2-Tetrachloroethane	20.2		ug/L	20.0		101					
1,1,1-Trichloroethane	21.2		"	20.0		106					
1,1,2,2-Tetrachloroethane	21.6		"	20.0		108					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20.7		"	20.0		103					
1,1,2-Trichloroethane	19.0		"	20.0		95.0					
1,1-Dichloroethane	20.7		"	20.0		103					
1,1-Dichloroethylene	20.6		"	20.0		103					
1,2,3-Trichlorobenzene	21.4		"	20.0		107					
1,2,3-Trichloropropane	21.4		"	20.0		107					
1,2,4-Trichlorobenzene	21.6		"	20.0		108					
1,2,4-Trimethylbenzene	22.3		"	20.0		111					
1,2-Dibromo-3-chloropropane	23.2		"	20.0		116					
1,2-Dibromoethane	19.0		"	20.0		95.2					
1,2-Dichlorobenzene	20.9		"	20.0		104					
1,2-Dichloroethane	20.4		"	20.0		102					
1,2-Dichloropropane	18.8		"	20.0		94.2					
1,3,5-Trimethylbenzene	22.0		"	20.0		110					
1,3-Dichlorobenzene	21.9		"	20.0		109					
1,4-Dichlorobenzene	22.0		"	20.0		110					
2-Butanone	20.8		"	20.0		104					
2-Hexanone	18.6		"	20.0		93.2					
4-Methyl-2-pentanone	18.6		"	20.0		93.1					
Acetone	17.2		"	20.0		86.0					
Acrolein	79.3		"	80.0		99.1					
Acrylonitrile	100		"	100		100					
Benzene	20.7		"	20.0		104					
Bromochloromethane	21.1		"	20.0		105					
Bromodichloromethane	19.4		"	20.0		96.8					
Bromoform	21.1		"	20.0		106					
Bromomethane	21.6		"	20.0		108					
Carbon disulfide	21.0		"	20.0		105					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CAL8)											
Prepared & Analyzed: 09/17/2025											
Carbon tetrachloride	21.1		ug/L	20.0		105					
Chlorobenzene	19.5		"	20.0		97.4					
Chloroethane	20.0		"	20.0		100					
Chloroform	21.0		"	20.0		105					
Chloromethane	19.5		"	20.0		97.4					
cis-1,2-Dichloroethylene	21.0		"	20.0		105					
cis-1,3-Dichloropropylene	19.4		"	20.0		97.2					
Cyclohexane	20.7		"	20.0		103					
Dibromochloromethane	19.3		"	20.0		96.4					
Dibromomethane	19.0		"	20.0		95.0					
Dichlorodifluoromethane	19.6		"	20.0		97.8					
Ethyl Benzene	20.5		"	20.0		103					
Hexachlorobutadiene	21.6		"	20.0		108					
Isopropylbenzene	22.9		"	20.0		115					
Methyl acetate	20.6		"	20.0		103					
Methyl tert-butyl ether (MTBE)	20.4		"	20.0		102					
Methylcyclohexane	19.5		"	20.0		97.6					
Methylene chloride	19.4		"	20.0		96.8					
n-Butylbenzene	21.6		"	20.0		108					
n-Propylbenzene	22.6		"	20.0		113					
o-Xylene	21.5		"	20.0		107					
p- & m- Xylenes	43.4		"	40.0		109					
p-Isopropyltoluene	22.4		"	20.0		112					
sec-Butylbenzene	22.7		"	20.0		114					
Styrene	22.0		"	20.0		110					
tert-Butyl alcohol (TBA)	56.8		"	100		56.8					
tert-Butylbenzene	23.0		"	20.0		115					
Tetrachloroethylene	20.4		"	20.0		102					
Toluene	19.7		"	20.0		98.6					
trans-1,2-Dichloroethylene	20.9		"	20.0		104					
trans-1,3-Dichloropropylene	20.0		"	20.0		100					
trans-1,4-dichloro-2-butene	21.9		"	20.0		110					
Trichloroethylene	19.2		"	20.0		96.0					
Trichlorofluoromethane	19.9		"	20.0		99.6					
Vinyl Chloride	19.6		"	20.0		98.0					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*					
Surrogate: SURR: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*					
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*					

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CAL9)											
1,1,1,2-Tetrachloroethane	39.8		ug/L	40.0		99.6					
1,1,1-Trichloroethane	42.0		"	40.0		105					
1,1,2,2-Tetrachloroethane	44.6		"	40.0		112					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.8		"	40.0		89.4					
1,1,2-Trichloroethane	35.8		"	40.0		89.4					
1,1-Dichloroethane	40.6		"	40.0		101					
1,1-Dichloroethylene	37.3		"	40.0		93.4					
1,2,3-Trichlorobenzene	48.2		"	40.0		120					
1,2,3-Trichloropropane	44.2		"	40.0		111					
1,2,4-Trichlorobenzene	47.9		"	40.0		120					
1,2,4-Trimethylbenzene	43.7		"	40.0		109					
1,2-Dibromo-3-chloropropane	46.8		"	40.0		117					
1,2-Dibromoethane	34.9		"	40.0		87.2					
1,2-Dichlorobenzene	41.9		"	40.0		105					
1,2-Dichloroethane	41.5		"	40.0		104					
1,2-Dichloropropane	36.1		"	40.0		90.2					
1,3,5-Trimethylbenzene	41.8		"	40.0		104					
1,3-Dichlorobenzene	45.2		"	40.0		113					
1,4-Dichlorobenzene	44.1		"	40.0		110					
2-Butanone	42.0		"	40.0		105					
2-Hexanone	34.5		"	40.0		86.3					
4-Methyl-2-pentanone	35.4		"	40.0		88.4					
Acetone	30.0		"	40.0		75.0					
Acrolein	160		"	160		99.8					
Acrylonitrile	214		"	200		107					
Benzene	41.8		"	40.0		105					
Bromochloromethane	42.9		"	40.0		107					
Bromodichloromethane	35.3		"	40.0		88.2					
Bromoform	41.2		"	40.0		103					
Bromomethane	44.5		"	40.0		111					
Carbon disulfide	38.1		"	40.0		95.2					
Carbon tetrachloride	41.5		"	40.0		104					
Chlorobenzene	36.5		"	40.0		91.3					
Chloroethane	36.6		"	40.0		91.4					
Chloroform	42.3		"	40.0		106					
Chloromethane	34.3		"	40.0		85.8					
cis-1,2-Dichloroethylene	42.0		"	40.0		105					
cis-1,3-Dichloropropylene	36.6		"	40.0		91.6					
Cyclohexane	36.7		"	40.0		91.7					
Dibromochloromethane	36.7		"	40.0		91.7					
Dibromomethane	36.4		"	40.0		91.0					
Dichlorodifluoromethane	29.2		"	40.0		73.0					
Ethyl Benzene	37.7		"	40.0		94.2					
Hexachlorobutadiene	44.2		"	40.0		111					
Isopropylbenzene	45.0		"	40.0		113					
Methyl acetate	40.5		"	40.0		101					
Methyl tert-butyl ether (MTBE)	42.0		"	40.0		105					
Methylcyclohexane	31.3		"	40.0		78.2					
Methylene chloride	34.8		"	40.0		87.1					
n-Butylbenzene	40.8		"	40.0		102					
n-Propylbenzene	43.0		"	40.0		108					

Prepared & Analyzed: 09/17/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

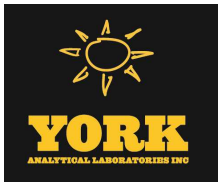
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CAL9)											Prepared & Analyzed: 09/17/2025
o-Xylene	38.8		ug/L	40.0		97.0					
p- & m- Xylenes	75.3		"	80.0		94.1					
p-Isopropyltoluene	44.5		"	40.0		111					
sec-Butylbenzene	43.2		"	40.0		108					
Styrene	39.5		"	40.0		98.8					
tert-Butyl alcohol (TBA)	117		"	200		58.4					
tert-Butylbenzene	44.7		"	40.0		112					
Tetrachloroethylene	36.7		"	40.0		91.6					
Toluene	36.1		"	40.0		90.3					
trans-1,2-Dichloroethylene	41.5		"	40.0		104					
trans-1,3-Dichloropropylene	38.3		"	40.0		95.8					
trans-1,4-dichloro-2-butene	45.5		"	40.0		114					
Trichloroethylene	35.1		"	40.0		87.7					
Trichlorofluoromethane	35.8		"	40.0		89.5					
Vinyl Chloride	34.7		"	40.0		86.7					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*					
Surrogate: SURR: Toluene-d8	*8.54*		*"*	*10.0*		*85.4*					
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*					
RESTEK (S5I1904-CALA)											Prepared & Analyzed: 09/17/2025
1,1,1,2-Tetrachloroethane	78.4		ug/L	80.0		97.9					
1,1,1-Trichloroethane	103		"	80.0		129					
1,1,2,2-Tetrachloroethane	93.2		"	80.0		117					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	84.2		"	80.0		105					
1,1,2-Trichloroethane	64.3		"	80.0		80.4					
1,1-Dichloroethane	99.3		"	80.0		124					
1,1-Dichloroethylene	81.7		"	80.0		102					
1,2,3-Trichlorobenzene	107		"	80.0		134					
1,2,3-Trichloropropane	89.8		"	80.0		112					
1,2,4-Trichlorobenzene	109		"	80.0		136					
1,2,4-Trimethylbenzene	93.6		"	80.0		117					
1,2-Dibromo-3-chloropropane	94.9		"	80.0		119					
1,2-Dibromoethane	63.3		"	80.0		79.1					
1,2-Dichlorobenzene	93.6		"	80.0		117					
1,2-Dichloroethane	93.7		"	80.0		117					
1,2-Dichloropropane	64.9		"	80.0		81.1					
1,3,5-Trimethylbenzene	89.2		"	80.0		112					
1,3-Dichlorobenzene	107		"	80.0		133					
1,4-Dichlorobenzene	97.6		"	80.0		122					
2-Butanone	102		"	80.0		127					
2-Hexanone	61.8		"	80.0		77.2					
4-Methyl-2-pentanone	63.6		"	80.0		79.6					
Acetone	61.7		"	80.0		77.1					
Acrolein	327		"	320		102					
Acrylonitrile	537		"	400		134					
Benzene	95.4		"	80.0		119					
Bromochloromethane	94.5		"	80.0		118					
Bromodichloromethane	65.9		"	80.0		82.3					
Bromoform	75.6		"	80.0		94.5					
Bromomethane	110		"	80.0		137					
Carbon disulfide	79.8		"	80.0		99.8					

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
RESTEK (S5I1904-CALA)											
Prepared & Analyzed: 09/17/2025											
Carbon tetrachloride	110		ug/L	80.0		137					
Chlorobenzene	65.2		"	80.0		81.6					
Chloroethane	77.3		"	80.0		96.6					
Chloroform	99.2		"	80.0		124					
Chloromethane	80.6		"	80.0		101					
cis-1,2-Dichloroethylene	102		"	80.0		127					
cis-1,3-Dichloropropylene	66.7		"	80.0		83.3					
Cyclohexane	96.4		"	80.0		120					
Dibromochloromethane	68.4		"	80.0		85.6					
Dibromomethane	65.8		"	80.0		82.3					
Dichlorodifluoromethane	69.7		"	80.0		87.1					
Ethyl Benzene	66.1		"	80.0		82.6					
Hexachlorobutadiene	111		"	80.0		139					
Isopropylbenzene	91.4		"	80.0		114					
Methyl acetate	83.6		"	80.0		105					
Methyl tert-butyl ether (MTBE)	105		"	80.0		131					
Methylcyclohexane	70.1		"	80.0		87.6					
Methylene chloride	69.2		"	80.0		86.5					
n-Butylbenzene	90.9		"	80.0		114					
n-Propylbenzene	84.7		"	80.0		106					
o-Xylene	69.9		"	80.0		87.4					
p- & m- Xylenes	114		"	160		71.0					
p-Isopropyltoluene	101		"	80.0		126					
sec-Butylbenzene	91.8		"	80.0		115					
Styrene	72.0		"	80.0		90.0					
tert-Butyl alcohol (TBA)	256		"	400		63.9					
tert-Butylbenzene	98.3		"	80.0		123					
Tetrachloroethylene	78.7		"	80.0		98.3					
Toluene	62.1		"	80.0		77.7					
trans-1,2-Dichloroethylene	106		"	80.0		133					
trans-1,3-Dichloropropylene	68.4		"	80.0		85.6					
trans-1,4-dichloro-2-butene	94.0		"	80.0		117					
Trichloroethylene	68.6		"	80.0		85.7					
Trichlorofluoromethane	80.8		"	80.0		101					
Vinyl Chloride	77.6		"	80.0		97.0					
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*					
Surrogate: SURR: Toluene-d8	*6.95*		*"*	*10.0*		*69.5*					
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1081125 (S5I1904-SCV1)								Prepared: 09/17/2025 Analyzed: 09/18/2025			
1,1,1,2-Tetrachloroethane	9.19		ug/L	10.0		91.9	70-130				
1,1,1-Trichloroethane	8.24		"	10.0		82.4	70-130				
1,1,2,2-Tetrachloroethane	7.63		"	10.0		76.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.22		"	10.0		82.2	70-130				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	70-130				
1,1-Dichloroethane	8.22		"	10.0		82.2	70-130				
1,1-Dichloroethylene	7.82		"	10.0		78.2	70-130				
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	70-130				
1,2,3-Trichloropropane	7.73		"	10.0		77.3	70-130				
1,2,4-Trichlorobenzene	7.75		"	10.0		77.5	70-130				
1,2,4-Trimethylbenzene	8.28		"	10.0		82.8	70-130				
1,2-Dibromo-3-chloropropane	7.14		"	10.0		71.4	70-130				
1,2-Dibromoethane	9.89		"	10.0		98.9	70-130				
1,2-Dichlorobenzene	8.35		"	10.0		83.5	70-130				
1,2-Dichloroethane	8.31		"	10.0		83.1	70-130				
1,2-Dichloropropane	9.20		"	10.0		92.0	70-130				
1,3,5-Trimethylbenzene	8.16		"	10.0		81.6	70-130				
1,3-Dichlorobenzene	8.03		"	10.0		80.3	70-130				
1,4-Dichlorobenzene	8.11		"	10.0		81.1	70-130				
2-Butanone	7.87		"	10.0		78.7	70-130				
2-Hexanone	9.24		"	10.0		92.4	70-130				
4-Methyl-2-pentanone	10.3		"	10.0		103	70-130				
Acetone	8.20		"	10.0		82.0	70-130				
Acrolein	7.96		"	10.0		79.6	70-130				
Acrylonitrile	8.28		"	10.0		82.8	70-130				
Benzene	8.45		"	10.0		84.5	70-130				
Bromochloromethane	8.55		"	10.0		85.5	70-130				
Bromodichloromethane	9.23		"	10.0		92.3	70-130				
Bromoform	9.10		"	10.0		91.0	70-130				
Bromomethane	8.02		"	10.0		80.2	70-130				
Carbon disulfide	7.38		"	10.0		73.8	70-130				
Carbon tetrachloride	8.11		"	10.0		81.1	70-130				
Chlorobenzene	9.42		"	10.0		94.2	70-130				
Chloroethane	9.46		"	10.0		94.6	70-130				
Chloroform	8.12		"	10.0		81.2	70-130				
Chloromethane	7.08		"	10.0		70.8	70-130				
cis-1,2-Dichloroethylene	8.60		"	10.0		86.0	70-130				
cis-1,3-Dichloropropylene	9.43		"	10.0		94.3	70-130				
Cyclohexane	7.36		"	10.0		73.6	70-130				
Dibromochloromethane	9.46		"	10.0		94.6	70-130				
Dibromomethane	9.14		"	10.0		91.4	70-130				
Dichlorodifluoromethane	4.97		"	10.0		49.7	70-130	Low Bias			
Ethyl Benzene	9.63		"	10.0		96.3	70-130				
Hexachlorobutadiene	7.61		"	10.0		76.1	70-130				
Isopropylbenzene	7.61		"	10.0		76.1	70-130				
Methyl acetate	13.2		"	10.0		132	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	7.90		"	10.0		79.0	70-130				
Methylcyclohexane	8.32		"	10.0		83.2	70-130				
Methylene chloride	9.29		"	10.0		92.9	70-130				
n-Butylbenzene	8.46		"	10.0		84.6	70-130				
n-Propylbenzene	7.71		"	10.0		77.1	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I1904 - BH51522											
QBQV1081125 (S5I1904-SCV1)								Prepared: 09/17/2025 Analyzed: 09/18/2025			
o-Xylene	9.87		ug/L	10.0		98.7	70-130				
p- & m- Xylenes	19.8		"	20.0		99.2	70-130				
p-Isopropyltoluene	8.12		"	10.0		81.2	70-130				
sec-Butylbenzene	7.77		"	10.0		77.7	70-130				
Styrene	9.62		"	10.0		96.2	70-130				
tert-Butyl alcohol (TBA)	24.6		"	50.0		49.2	70-130	Low Bias			
tert-Butylbenzene	7.61		"	10.0		76.1	70-130				
Tetrachloroethylene	7.54		"	10.0		75.4	70-130				
Toluene	9.56		"	10.0		95.6	70-130				
trans-1,2-Dichloroethylene	7.87		"	10.0		78.7	70-130				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	70-130				
trans-1,4-dichloro-2-butene	7.08		"	10.0		70.8	70-130				
Trichloroethylene	8.68		"	10.0		86.8	70-130				
Trichlorofluoromethane	8.20		"	10.0		82.0	70-130				
Vinyl Chloride	7.36		"	10.0		73.6	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.66*		*"*	*10.0*		*96.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*8.72*		*"*	*10.0*		*87.2*	*70-130*				
Batch S5I3013 - BI52027											
(S5I3013-CCV1)								Prepared & Analyzed: 09/29/2025			
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	80-120				
1,1,1-Trichloroethane	10.6		"	10.0		106	80-120				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	80-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	80-120				
1,1,2-Trichloroethane	11.4		"	10.0		114	80-120				
1,1-Dichloroethane	9.69		"	10.0		96.9	80-120				
1,1-Dichloroethylene	10.9		"	10.0		109	80-120				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	80-120				
1,2,3-Trichloropropane	10.8		"	10.0		108	80-120				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	80-120				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	80-120				
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	80-120				
1,2-Dibromoethane	11.6		"	10.0		116	80-120				
1,2-Dichlorobenzene	11.2		"	10.0		112	80-120				
1,2-Dichloroethane	9.79		"	10.0		97.9	80-120				
1,2-Dichloropropane	11.1		"	10.0		111	80-120				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	80-120				
1,3-Dichlorobenzene	11.4		"	10.0		114	80-120				
1,4-Dichlorobenzene	11.4		"	10.0		114	80-120				
2-Butanone	10.4		"	10.0		104	80-120				
2-Hexanone	11.8		"	10.0		118	80-120				
4-Methyl-2-pentanone	12.0		"	10.0		120	80-120				
Acetone	13.6		"	10.0		136	80-120	High Bias			
Acrolein	40.3		"	40.0		101	80-120				
Acrylonitrile	46.2		"	50.0		92.4	80-120				
Benzene	9.88		"	10.0		98.8	80-120				
Bromochloromethane	9.86		"	10.0		98.6	80-120				
Bromodichloromethane	11.3		"	10.0		113	80-120				
Bromoform	12.4		"	10.0		124	80-120	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5I3013 - BI52027											
(S5I3013-CCV1)							Prepared & Analyzed: 09/29/2025				
Bromomethane	9.10		ug/L	10.0		91.0	80-120				
Carbon disulfide	10.8		"	10.0		108	80-120				
Carbon tetrachloride	10.6		"	10.0		106	80-120				
Chlorobenzene	11.4		"	10.0		114	80-120				
Chloroethane	9.39		"	10.0		93.9	80-120				
Chloroform	9.79		"	10.0		97.9	80-120				
Chloromethane	8.82		"	10.0		88.2	80-120				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	80-120				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	80-120				
Cyclohexane	10.1		"	10.0		101	80-120				
Dibromochloromethane	11.7		"	10.0		117	80-120				
Dibromomethane	11.2		"	10.0		112	80-120				
Dichlorodifluoromethane	9.13		"	10.0		91.3	80-120				
Ethyl Benzene	11.9		"	10.0		119	80-120				
Hexachlorobutadiene	11.6		"	10.0		116	80-120				
Isopropylbenzene	11.3		"	10.0		113	80-120				
Methyl acetate	10.2		"	10.0		102	80-120				
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	80-120				
Methylcyclohexane	13.0		"	10.0		130	80-120	High Bias			
Methylene chloride	12.0		"	10.0		120	80-120				
n-Butylbenzene	12.7		"	10.0		127	80-120	High Bias			
n-Propylbenzene	11.7		"	10.0		117	80-120				
o-Xylene	12.0		"	10.0		120	80-120				
p- & m- Xylenes	25.0		"	20.0		125	80-120	High Bias			
p-Isopropyltoluene	12.4		"	10.0		124	80-120	High Bias			
sec-Butylbenzene	12.5		"	10.0		125	80-120	High Bias			
Styrene	12.3		"	10.0		123	80-120	High Bias			
tert-Butyl alcohol (TBA)	52.2		"	50.0		104	80-120				
tert-Butylbenzene	11.7		"	10.0		117	80-120				
Tetrachloroethylene	10.5		"	10.0		105	80-120				
Toluene	11.4		"	10.0		114	80-120				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	80-120				
trans-1,3-Dichloropropylene	12.6		"	10.0		126	80-120	High Bias			
trans-1,4-dichloro-2-butene	11.2		"	10.0		112	80-120				
Trichloroethylene	11.3		"	10.0		113	80-120				
Trichlorofluoromethane	10.2		"	10.0		102	80-120				
Vinyl Chloride	9.92		"	10.0		99.2	80-120				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*80-120*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*80-120*				
Surrogate: SURR: p-Bromofluorobenzene	*9.08*		*"*	*10.0*		*90.8*	*80-120*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25I1726-01	MW-9 20250925	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25I1726-02	TB (20250925)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Laboratory Chain-of-Custody Record

York Project (SDG) No.: 25I1726

Samples Received: 09/25/2025 21:15 **By:** Jorge A Cardona Varga **Logged In:** 09/25/2025 13:54 **By:** Carolina Fernandez

Sample Conditions:

- [ ] Custody Seals
- [x] Containers Intact
- [x] COC/Labels Agree
- [x] Preservation Confirmed
- [x] Cooler Temperature Confirmed
- [x] COC Complete
- [x] Chain of Custody Form Received
- [x] Appropriate Sample Volumes Received
- [x] Appropriate Sample Containers Submitted
- [x] Samples Submitted within Holding Times
- [ ] Corrective Action Form Required

Preparation Chain-of-Custody

Sample ID	Reason Prep	Prep Start Date	Prep End Date	Prep Analyst
25I1726-01	EPA 5030B	09/29/2025 7:26	09/29/2025 7:26	Stephanie C. Brathwaite
25I1726-01RE1	EPA 5030B	10/01/2025 7:00	10/01/2025 7:00	Stephanie C. Brathwaite
25I1726-02	EPA 5030B	09/29/2025 7:00	09/29/2025 7:00	Stephanie C. Brathwaite

Analysis Chain-of-Custody

Sample ID	Reason Analysis	Analysis Start Date	Analysis End Date	Analyst
25I1726-01	VOA, 8260 LOW MASTER	09/29/2025 7:26	09/30/2025 6:52	Palak M. Bhavsar
25I1726-01RE1	VOA, 8260 LOW MASTER	10/01/2025 7:00	10/02/2025 5:11	Palak M. Bhavsar
25I1726-02	VOA, 8260 LOW MASTER	09/29/2025 7:00	09/29/2025 16:31	Palak M. Bhavsar

Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

ALS Project Number: 25I1726

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To:	Invoice To:	YOUR Project Name / Number
Company: Hydrotech Environmental	Company:	230051 - 70 Freeman st Brooklyn
Address: 231 West 29th street New York, NY	Address: SAME	PO Number: 53198
Phone.: 6 31 24 7565	Phone.:	
Contact: Paul Rabi	Contact:	
E-mail:	E-mail:	
pmalta@hydrotechenvironmental.com		

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Samples Collected From: NY ✓ | CT | NJ | PA | Other: (please specify)

Analyses Requested

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	8260 CPA	Grab or Comp. G/C
MW-9 MS/MSD (20250925)	9/25/25	9:55 AM	GW	✓										2	
TB (20250925)	9/25/25	9:45 AM	DI											2	

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) ✓; PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in) NYSDEC GQS

Field Filtered

Lab Filtered

Comments:

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Marie Rose Faud.	9/25/2025 1:30 PM	ALS	9/25/25 12:25	ALS	9/25/25 14:40
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	9/25/25 14:40		9/25/25 18:45		9/25/25 18:45
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	9/25/25 21:15			For Jorge C.	09/25/25 21:15 / 3.7 Degrees C

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York Analytical Laboratories, Inc.
SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

DATA PACKAGE COVER PAGE

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726

Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn

Client Sample Id:	Lab Sample Id:
MW-9 20250925	25I1726-01
MW-9 20250925	25I1726-01RE1
TB (20250925)	25I1726-02

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the project narrative. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by

Signature: 
Name: Cassie L. Mosher

Date: 10/13/2025
Title: Laboratory Manager

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I3013
Instrument: VOA No. 8
Calibration: SI50030

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5I3013-CCV1)				Lab File ID: V8-007155a.D		Analyzed: 09/29/25 13:00		
SURR: 1,2-Dichloroethane-d4	10.0	97.3	80 - 120	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	102	80 - 120	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	90.8	80 - 120	10.015	10.0216	-0.0066	+/-0.50	
LCS (BI52027-BS1)				Lab File ID: V8-007157.D		Analyzed: 09/29/25 13:59		
SURR: 1,2-Dichloroethane-d4	10.0	97.5	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	113	81 - 117	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.4	79 - 122	10.022	10.0216	0.0004	+/-0.50	
LCS Dup (BI52027-BSD1)				Lab File ID: V8-007159.D		Analyzed: 09/29/25 15:03		
SURR: 1,2-Dichloroethane-d4	10.0	98.8	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	115	81 - 117	7.253	7.2596	-0.0066	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	91.1	79 - 122	10.021	10.0216	-0.0006	+/-0.50	
Blank (BI52027-BLK1)				Lab File ID: V8-007161.D		Analyzed: 09/29/25 16:01		
SURR: 1,2-Dichloroethane-d4	10.0	99.9	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	116	81 - 117	7.26	7.2596	0.0004	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.021	10.0216	-0.0006	+/-0.50	
TB (20250925) (25I1726-02)				Lab File ID: V8-007162.D		Analyzed: 09/29/25 16:31		
SURR: 1,2-Dichloroethane-d4	10.0	101	69 - 130	5.434	5.4345	-0.0005	+/-0.50	
SURR: Toluene-d8	10.0	119	81 - 117	7.26	7.2596	0.0004	+/-0.50	*
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	10.022	10.0216	0.0004	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0112
Instrument: VOA No. 10
Calibration: SI50025

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0112-CCV1)				Lab File ID: V10C15895.D		Analyzed: 09/30/25 04:29		
SURR: 1,2-Dichloroethane-d4	10.0	102	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	80 - 120	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.9	80 - 120	10.266	10.2625	0.0035	+/-0.50	
LCS (BI52044-BS1)				Lab File ID: V10C15896.D		Analyzed: 09/30/25 04:57		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.1	81 - 117	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	97.8	79 - 122	10.26	10.2625	-0.0025	+/-0.50	
LCS Dup (BI52044-BSD1)				Lab File ID: V10C15897.D		Analyzed: 09/30/25 05:26		
SURR: 1,2-Dichloroethane-d4	10.0	99.3	70 - 130	5.693	5.687	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	98.0	81 - 117	7.485	7.4803	0.0047	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	99.9	79 - 122	10.265	10.2625	0.0025	+/-0.50	
Blank (BI52044-BLK1)				Lab File ID: V10C15899.D		Analyzed: 09/30/25 06:23		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.1	81 - 117	7.486	7.4803	0.0057	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
MW-9 20250925 (25I1726-01)				Lab File ID: V10C15900.D		Analyzed: 09/30/25 06:52		
SURR: 1,2-Dichloroethane-d4	10.0	99.2	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.2	81 - 117	7.48	7.4803	-0.0003	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	10.26	10.2625	-0.0025	+/-0.50	
Matrix Spike (BI52044-MS1)				Lab File ID: V10C15916.D		Analyzed: 09/30/25 14:28		
SURR: 1,2-Dichloroethane-d4	10.0	104	70 - 130	5.693	5.687	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	98.3	81 - 117	7.485	7.4803	0.0047	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.1	79 - 122	10.265	10.2625	0.0025	+/-0.50	
Matrix Spike Dup (BI52044-MSD1)				Lab File ID: V10C15917.D		Analyzed: 09/30/25 14:56		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.1	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	97.8	79 - 122	10.259	10.2625	-0.0035	+/-0.50	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0206
Instrument: VOA No. 10
Calibration: SI50025

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0206-CCV1)				Lab File ID: V10C15972.D		Analyzed: 10/01/25 19:40		
SURR: 1,2-Dichloroethane-d4	10.0	98.5	80 - 120	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.8	80 - 120	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	80 - 120	10.259	10.2625	-0.0035	+/-0.50	
LCS (BJ50090-BS1)				Lab File ID: V10C15973.D		Analyzed: 10/01/25 20:08		
SURR: 1,2-Dichloroethane-d4	10.0	102	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	97.7	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.3	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
LCS Dup (BJ50090-BSD1)				Lab File ID: V10C15974.D		Analyzed: 10/01/25 20:37		
SURR: 1,2-Dichloroethane-d4	10.0	96.2	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	99.1	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	10.259	10.2625	-0.0035	+/-0.50	
Blank (BJ50090-BLK1)				Lab File ID: V10C15976.D		Analyzed: 10/01/25 21:34		
SURR: 1,2-Dichloroethane-d4	10.0	101	70 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	100	79 - 122	10.265	10.2625	0.0025	+/-0.50	
MW-9 20250925 (25I1726-01RE1)				Lab File ID: V10C15992.D		Analyzed: 10/02/25 05:11		
SURR: 1,2-Dichloroethane-d4	10.0	105	69 - 130	5.687	5.687	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	98.4	81 - 117	7.479	7.4803	-0.0013	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	98.7	79 - 122	10.265	10.2625	0.0025	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	12.1	121	45 - 161
1,1,1-Trichloroethane	10.0	0.00	13.1	131 *	70 - 130
1,1,2,2-Tetrachloroethane	10.0	0.00	12.1	121	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	8.53	85.3	70 - 130
1,1,2-Trichloroethane	10.0	0.00	12.5	125	70 - 130
1,1-Dichloroethane	10.0	0.00	12.1	121	70 - 130
1,1-Dichloroethylene	10.0	0.00	11.3	113	70 - 130
1,2,3-Trichlorobenzene	10.0	0.00	8.68	86.8	70 - 130
1,2,3-Trichloropropane	10.0	0.00	12.0	120	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	7.50	75.0	70 - 130
1,2,4-Trimethylbenzene	10.0	0.00	9.66	96.6	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	12.3	123	40 - 151
1,2-Dibromoethane	10.0	0.00	12.8	128 *	75 - 125
1,2-Dichlorobenzene	10.0	0.00	9.77	97.7	70 - 122
1,2-Dichloroethane	10.0	0.00	12.8	128	70 - 130
1,2-Dichloropropane	10.0	0.00	11.7	117	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	9.71	97.1	69 - 126
1,3-Dichlorobenzene	10.0	0.00	8.92	89.2	74 - 119
1,4-Dichlorobenzene	10.0	0.00	9.01	90.1	70 - 124
2-Butanone	10.0	0.00	79.8	798 *	40 - 160
2-Hexanone	10.0	0.00	11.4	114	53 - 133
4-Methyl-2-pentanone	10.0	0.00	11.9	119	40 - 150
Acetone	10.0	0.430	12.9	125	40 - 149
Acrolein	10.0	0.00	21.8	218 *	10 - 195
Acrylonitrile	10.0	0.00	11.9	119	37 - 165
Benzene	10.0	0.00	12.7	127	70 - 130
Bromochloromethane	10.0	0.00	12.2	122 *	75 - 121
Bromodichloromethane	10.0	0.00	11.9	119	70 - 129
Bromoform	10.0	0.00	12.5	125	70 - 130
Bromomethane	10.0	0.00	11.3	113	40 - 158
Carbon disulfide	10.0	0.00	8.51	85.1	40 - 138

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon tetrachloride	10.0	0.00	12.2	122	71 - 130
Chlorobenzene	10.0	0.00	11.4	114	81 - 117
Chloroethane	10.0	0.00	15.4	154 *	51 - 145
Chloroform	10.0	0.00	12.7	127 *	80 - 124
Chloromethane	10.0	0.00	9.80	98.0	40 - 160
cis-1,2-Dichloroethylene	10.0	329	346	170 *	76 - 125
cis-1,3-Dichloropropylene	10.0	0.00	11.5	115	70 - 130
Cyclohexane	10.0	0.00	9.14	91.4	70 - 130
Dibromochloromethane	10.0	0.00	12.4	124	71 - 129
Dibromomethane	10.0	0.00	12.4	124 *	76 - 120
Dichlorodifluoromethane	10.0	0.00	6.78	67.8	40 - 147
Ethyl Benzene	10.0	0.00	11.1	111	72 - 128
Hexachlorobutadiene	10.0	0.00	6.74	67.4	34 - 166
Isopropylbenzene	10.0	0.00	9.89	98.9	70 - 130
Methyl acetate	10.0	0.00	16.0	160 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.9	119	75 - 128
Methylcyclohexane	10.0	0.00	7.67	76.7	70 - 130
Methylene chloride	10.0	0.00	11.2	112	70 - 128
n-Butylbenzene	10.0	0.00	7.60	76.0	61 - 138
n-Propylbenzene	10.0	0.00	8.94	89.4	66 - 134
o-Xylene	10.0	0.00	11.6	116	70 - 126
p- & m- Xylenes	20.0	0.00	21.6	108	70 - 130
p-Isopropyltoluene	10.0	0.00	8.48	84.8	64 - 137
sec-Butylbenzene	10.0	0.00	8.83	88.3	53 - 155
Styrene	10.0	0.00	11.0	110	70 - 125
tert-Butyl alcohol (TBA)	50.0	0.00	37.5	75.0	10 - 130
tert-Butylbenzene	10.0	0.00	9.84	98.4	65 - 139
Tetrachloroethylene	10.0	0.370	7.64	72.7	70 - 130
Toluene	10.0	0.00	11.7	117	76 - 123
trans-1,2-Dichloroethylene	10.0	12.0	22.5	104	79 - 130
trans-1,3-Dichloropropylene	10.0	0.00	11.4	114	70 - 130
trans-1,4-dichloro-2-butene	10.0	0.00	11.0	110	25 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-MS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	0.710	10.8	101	70 - 130
Trichlorofluoromethane	10.0	0.00	10.6	106	61 - 142
Vinyl Chloride	10.0	0.780	10.2	93.9	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.7	117	3.78	30	45 - 161
1,1,1-Trichloroethane	10.0	12.7	127	3.33	20	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.6	116	3.54	20	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.57	85.7	0.468	20	70 - 130
1,1,2-Trichloroethane	10.0	12.0	120	4.17	20	70 - 130
1,1-Dichloroethane	10.0	11.7	117	3.35	20	70 - 130
1,1-Dichloroethylene	10.0	10.7	107	5.08	20	70 - 130
1,2,3-Trichlorobenzene	10.0	9.59	95.9	9.96	20	70 - 130
1,2,3-Trichloropropane	10.0	11.6	116	3.14	30	74 - 127
1,2,4-Trichlorobenzene	10.0	8.23	82.3	9.28	20	70 - 130
1,2,4-Trimethylbenzene	10.0	9.44	94.4	2.30	20	72 - 129
1,2-Dibromo-3-chloropropane	10.0	12.3	123	0.163	20	40 - 151
1,2-Dibromoethane	10.0	12.3	123	4.31	20	75 - 125
1,2-Dichlorobenzene	10.0	9.56	95.6	2.17	20	70 - 122
1,2-Dichloroethane	10.0	12.4	124	3.56	20	70 - 130
1,2-Dichloropropane	10.0	11.2	112	4.56	20	77 - 121
1,3,5-Trimethylbenzene	10.0	9.54	95.4	1.77	30	69 - 126
1,3-Dichlorobenzene	10.0	8.80	88.0	1.35	20	74 - 119
1,4-Dichlorobenzene	10.0	8.80	88.0	2.36	20	70 - 124
2-Butanone	10.0	76.6	766 *	4.09	20	40 - 160
2-Hexanone	10.0	11.3	113	0.969	20	53 - 133
4-Methyl-2-pentanone	10.0	11.5	115	3.51	20	40 - 150
Acetone	10.0	11.2	107	14.6	20	40 - 149
Acrolein	10.0	21.4	214 *	2.17	30	10 - 195
Acrylonitrile	10.0	10.6	106	10.9	30	37 - 165
Benzene	10.0	12.2	122	3.53	20	70 - 130
Bromochloromethane	10.0	11.6	116	4.37	20	75 - 121
Bromodichloromethane	10.0	11.6	116	2.97	20	70 - 129
Bromoform	10.0	12.2	122	1.78	20	70 - 130
Bromomethane	10.0	14.0	140	21.3 *	20	40 - 158
Carbon disulfide	10.0	8.21	82.1	3.59	20	40 - 138
Carbon tetrachloride	10.0	11.9	119	2.57	20	71 - 130

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chlorobenzene	10.0	10.8	108	4.77	20	81 - 117
Chloroethane	10.0	14.9	149 *	3.43	20	51 - 145
Chloroform	10.0	12.2	122	3.78	20	80 - 124
Chloromethane	10.0	9.47	94.7	3.43	20	40 - 160
cis-1,2-Dichloroethylene	10.0	337	79.2	2.66	20	76 - 125
cis-1,3-Dichloropropylene	10.0	11.1	111	4.07	20	70 - 130
Cyclohexane	10.0	8.84	88.4	3.34	20	70 - 130
Dibromochloromethane	10.0	12.1	121	2.77	20	71 - 129
Dibromomethane	10.0	12.0	120	3.70	30	76 - 120
Dichlorodifluoromethane	10.0	6.65	66.5	1.94	20	40 - 147
Ethyl Benzene	10.0	10.6	106	4.80	20	72 - 128
Hexachlorobutadiene	10.0	7.07	70.7	4.78	30	34 - 166
Isopropylbenzene	10.0	9.58	95.8	3.18	20	70 - 130
Methyl acetate	10.0	15.9	159 *	0.752	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	12.8	128	7.06	20	75 - 128
Methylcyclohexane	10.0	7.61	76.1	0.785	20	70 - 130
Methylene chloride	10.0	10.8	108	3.46	20	70 - 128
n-Butylbenzene	10.0	7.82	78.2	2.85	30	61 - 138
n-Propylbenzene	10.0	8.69	86.9	2.84	30	66 - 134
o-Xylene	10.0	11.1	111	4.93	20	70 - 126
p- & m- Xylenes	20.0	20.6	103	4.51	20	70 - 130
p-Isopropyltoluene	10.0	8.38	83.8	1.19	30	64 - 137
sec-Butylbenzene	10.0	8.67	86.7	1.83	30	53 - 155
Styrene	10.0	10.6	106	4.44	20	70 - 125
tert-Butyl alcohol (TBA)	50.0	56.6	113	40.7 *	30	10 - 130
tert-Butylbenzene	10.0	9.51	95.1	3.41	30	65 - 139
Tetrachloroethylene	10.0	7.50	71.3	1.85	20	70 - 130
Toluene	10.0	11.0	110	5.54	20	76 - 123
trans-1,2-Dichloroethylene	10.0	21.5	94.8	4.41	20	79 - 130
trans-1,3-Dichloropropylene	10.0	11.1	111	2.48	20	70 - 130
trans-1,4-dichloro-2-butene	10.0	11.0	110	0.545	30	25 - 155
Trichloroethylene	10.0	10.2	95.0	5.89	20	70 - 130
Trichlorofluoromethane	10.0	10.3	103	2.49	20	61 - 142

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-MSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Source Sample Name: MW-9 20250925

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl Chloride	10.0	9.80	90.2	3.71	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52027
Laboratory ID: BI52027-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102	82 - 126
1,1,1-Trichloroethane	10.0	8.29	82.9	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.09	90.9	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.46	84.6	54 - 165
1,1,2-Trichloroethane	10.0	10.7	107	82 - 123
1,1-Dichloroethane	10.0	8.11	81.1 *	82 - 129
1,1-Dichloroethylene	10.0	8.60	86.0	68 - 138
1,2,3-Trichlorobenzene	10.0	9.13	91.3	76 - 136
1,2,3-Trichloropropane	10.0	9.50	95.0	77 - 128
1,2,4-Trichlorobenzene	10.0	9.20	92.0	76 - 137
1,2,4-Trimethylbenzene	10.0	9.82	98.2	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.25	92.5	45 - 147
1,2-Dibromoethane	10.0	11.2	112	83 - 124
1,2-Dichlorobenzene	10.0	9.40	94.0	79 - 123
1,2-Dichloroethane	10.0	8.38	83.8	73 - 132
1,2-Dichloropropane	10.0	9.60	96.0	78 - 126
1,3,5-Trimethylbenzene	10.0	9.64	96.4	80 - 131
1,3-Dichlorobenzene	10.0	9.25	92.5	86 - 122
1,4-Dichlorobenzene	10.0	9.61	96.1	85 - 124
2-Butanone	10.0	8.62	86.2	49 - 152
2-Hexanone	10.0	11.1	111	51 - 146
4-Methyl-2-pentanone	10.0	11.5	115	57 - 145
Acetone	10.0	10.4	104	14 - 150
Acrolein	10.0	18.5	185 *	10 - 153
Acrylonitrile	10.0	9.32	93.2	51 - 150
Benzene	10.0	8.40	84.0 *	85 - 126
Bromochloromethane	10.0	8.42	84.2	77 - 128
Bromodichloromethane	10.0	10.0	100	79 - 128
Bromoform	10.0	11.6	116	78 - 133
Bromomethane	10.0	8.56	85.6	43 - 168

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52027
Laboratory ID: BI52027-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	8.20	82.0	68 - 146
Carbon tetrachloride	10.0	8.04	80.4	77 - 141
Chlorobenzene	10.0	10.4	104	88 - 120
Chloroethane	10.0	10.7	107	65 - 136
Chloroform	10.0	8.04	80.4 *	82 - 128
Chloromethane	10.0	7.32	73.2	43 - 155
cis-1,2-Dichloroethylene	10.0	8.53	85.3	83 - 129
cis-1,3-Dichloropropylene	10.0	10.9	109	80 - 131
Cyclohexane	10.0	6.68	66.8	63 - 149
Dibromochloromethane	10.0	10.9	109	80 - 130
Dibromomethane	10.0	10.5	105	72 - 134
Dichlorodifluoromethane	10.0	7.01	70.1	44 - 144
Ethyl Benzene	10.0	10.7	107	80 - 131
Hexachlorobutadiene	10.0	8.87	88.7	67 - 146
Isopropylbenzene	10.0	8.93	89.3	76 - 140
Methyl acetate	10.0	14.6	146 *	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.04	80.4	76 - 135
Methylcyclohexane	10.0	7.74	77.4	72 - 143
Methylene chloride	10.0	10.3	103	55 - 137
n-Butylbenzene	10.0	9.61	96.1	79 - 132
n-Propylbenzene	10.0	8.99	89.9	78 - 133
o-Xylene	10.0	11.3	113	78 - 130
p- & m- Xylenes	20.0	22.8	114	77 - 133
p-Isopropyltoluene	10.0	9.44	94.4	81 - 136
sec-Butylbenzene	10.0	9.33	93.3	79 - 137
Styrene	10.0	10.7	107	67 - 132
tert-Butyl alcohol (TBA)	50.0	48.0	95.9	25 - 162
tert-Butylbenzene	10.0	9.07	90.7	77 - 138
Tetrachloroethylene	10.0	8.40	84.0	82 - 131
Toluene	10.0	10.4	104	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	7.78	77.8 *	80 - 132
trans-1,3-Dichloropropylene	10.0	11.2	112	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.55	95.5	63 - 141
Trichloroethylene	10.0	9.42	94.2	82 - 128
Trichlorofluoromethane	10.0	8.32	83.2	67 - 139
Vinyl Chloride	10.0	7.46	74.6	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52027
Laboratory ID: BI52027-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	2.50	30	82 - 126
1,1,1-Trichloroethane	10.0	8.44	84.4	1.79	30	78 - 136
1,1,2,2-Tetrachloroethane	10.0	9.31	93.1	2.39	30	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.35	83.5	1.31	30	54 - 165
1,1,2-Trichloroethane	10.0	10.9	109	1.20	30	82 - 123
1,1-Dichloroethane	10.0	8.38	83.8	3.27	30	82 - 129
1,1-Dichloroethylene	10.0	8.56	85.6	0.466	30	68 - 138
1,2,3-Trichlorobenzene	10.0	9.27	92.7	1.52	30	76 - 136
1,2,3-Trichloropropane	10.0	9.68	96.8	1.88	30	77 - 128
1,2,4-Trichlorobenzene	10.0	9.38	93.8	1.94	30	76 - 137
1,2,4-Trimethylbenzene	10.0	9.93	99.3	1.11	30	82 - 132
1,2-Dibromo-3-chloropropane	10.0	9.45	94.5	2.14	30	45 - 147
1,2-Dibromoethane	10.0	11.3	113	0.980	30	83 - 124
1,2-Dichlorobenzene	10.0	9.50	95.0	1.06	30	79 - 123
1,2-Dichloroethane	10.0	8.71	87.1	3.86	30	73 - 132
1,2-Dichloropropane	10.0	9.97	99.7	3.78	30	78 - 126
1,3,5-Trimethylbenzene	10.0	9.86	98.6	2.26	30	80 - 131
1,3-Dichlorobenzene	10.0	9.34	93.4	0.968	30	86 - 122
1,4-Dichlorobenzene	10.0	9.67	96.7	0.622	30	85 - 124
2-Butanone	10.0	8.72	87.2	1.15	30	49 - 152
2-Hexanone	10.0	11.2	112	1.26	30	51 - 146
4-Methyl-2-pentanone	10.0	11.7	117	1.03	30	57 - 145
Acetone	10.0	9.99	99.9	4.41	30	14 - 150
Acrolein	10.0	19.2	192 *	3.55	30	10 - 153
Acrylonitrile	10.0	9.40	94.0	0.855	30	51 - 150
Benzene	10.0	8.58	85.8	2.12	30	85 - 126
Bromochloromethane	10.0	8.75	87.5	3.84	30	77 - 128
Bromodichloromethane	10.0	10.3	103	2.76	30	79 - 128
Bromoform	10.0	11.8	118	2.05	30	78 - 133
Bromomethane	10.0	8.90	89.0	3.89	30	43 - 168

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52027
Laboratory ID: BI52027-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	8.15	81.5	0.612	30	68 - 146
Carbon tetrachloride	10.0	8.27	82.7	2.82	30	77 - 141
Chlorobenzene	10.0	10.6	106	1.72	30	88 - 120
Chloroethane	10.0	10.6	106	0.845	30	65 - 136
Chloroform	10.0	8.27	82.7	2.82	30	82 - 128
Chloromethane	10.0	7.27	72.7	0.685	30	43 - 155
cis-1,2-Dichloroethylene	10.0	8.75	87.5	2.55	30	83 - 129
cis-1,3-Dichloropropylene	10.0	11.1	111	2.00	30	80 - 131
Cyclohexane	10.0	6.80	68.0	1.78	30	63 - 149
Dibromochloromethane	10.0	11.0	110	0.639	30	80 - 130
Dibromomethane	10.0	10.5	105	0.0952	30	72 - 134
Dichlorodifluoromethane	10.0	6.98	69.8	0.429	30	44 - 144
Ethyl Benzene	10.0	10.9	109	1.85	30	80 - 131
Hexachlorobutadiene	10.0	9.22	92.2	3.87	30	67 - 146
Isopropylbenzene	10.0	8.94	89.4	0.112	30	76 - 140
Methyl acetate	10.0	14.6	146 *	0.0683	30	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.20	82.0	1.97	30	76 - 135
Methylcyclohexane	10.0	7.94	79.4	2.55	30	72 - 143
Methylene chloride	10.0	11.5	115	11.3	30	55 - 137
n-Butylbenzene	10.0	9.73	97.3	1.24	30	79 - 132
n-Propylbenzene	10.0	9.11	91.1	1.33	30	78 - 133
o-Xylene	10.0	11.5	115	1.57	30	78 - 130
p- & m- Xylenes	20.0	23.3	117	2.30	30	77 - 133
p-Isopropyltoluene	10.0	9.55	95.5	1.16	30	81 - 136
sec-Butylbenzene	10.0	9.41	94.1	0.854	30	79 - 137
Styrene	10.0	10.9	109	1.39	30	67 - 132
tert-Butyl alcohol (TBA)	50.0	49.2	98.3	2.47	30	25 - 162
tert-Butylbenzene	10.0	9.14	91.4	0.769	30	77 - 138
Tetrachloroethylene	10.0	8.44	84.4	0.475	30	82 - 131
Toluene	10.0	10.6	106	2.19	30	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52027	Laboratory ID:	BI52027-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	7.99	79.9 *	2.66	30	80 - 132
trans-1,3-Dichloropropylene	10.0	11.5	115	2.65	30	78 - 131
trans-1,4-dichloro-2-butene	10.0	9.49	94.9	0.630	30	63 - 141
Trichloroethylene	10.0	9.72	97.2	3.13	30	82 - 128
Trichlorofluoromethane	10.0	8.28	82.8	0.482	30	67 - 139
Vinyl Chloride	10.0	7.48	74.8	0.268	30	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	9.45	94.5	82 - 126
1,1,1-Trichloroethane	10.0	10.3	103	78 - 130
1,1,2,2-Tetrachloroethane	10.0	9.60	96.0	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.64	96.4	70 - 130
1,1,2-Trichloroethane	10.0	9.82	98.2	82 - 123
1,1-Dichloroethane	10.0	9.55	95.5	82 - 129
1,1-Dichloroethylene	10.0	9.98	99.8	70 - 130
1,2,3-Trichlorobenzene	10.0	11.1	111	76 - 130
1,2,3-Trichloropropane	10.0	9.56	95.6	77 - 128
1,2,4-Trichlorobenzene	10.0	9.96	99.6	76 - 130
1,2,4-Trimethylbenzene	10.0	9.63	96.3	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106	45 - 147
1,2-Dibromoethane	10.0	9.73	97.3	83 - 124
1,2-Dichlorobenzene	10.0	9.21	92.1	79 - 123
1,2-Dichloroethane	10.0	10.1	101	73 - 130
1,2-Dichloropropane	10.0	9.00	90.0	78 - 126
1,3,5-Trimethylbenzene	10.0	9.70	97.0	80 - 131
1,3-Dichlorobenzene	10.0	9.07	90.7	86 - 122
1,4-Dichlorobenzene	10.0	9.12	91.2	85 - 124
2-Butanone	10.0	11.3	113	49 - 152
2-Hexanone	10.0	9.35	93.5	51 - 146
4-Methyl-2-pentanone	10.0	9.35	93.5	57 - 145
Acetone	10.0	10.3	103	40 - 150
Acrolein	10.0	18.3	183 *	10 - 153
Acrylonitrile	10.0	9.67	96.7	51 - 150
Benzene	10.0	10.1	101	85 - 126
Bromochloromethane	10.0	9.66	96.6	77 - 128
Bromodichloromethane	10.0	9.28	92.8	79 - 128
Bromoform	10.0	9.75	97.5	78 - 130
Bromomethane	10.0	11.2	112	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	8.84	88.4	68 - 146
Carbon tetrachloride	10.0	10.2	102	77 - 130
Chlorobenzene	10.0	9.54	95.4	88 - 120
Chloroethane	10.0	12.8	128	65 - 136
Chloroform	10.0	9.87	98.7	82 - 128
Chloromethane	10.0	8.33	83.3	43 - 155
cis-1,2-Dichloroethylene	10.0	9.73	97.3	83 - 129
cis-1,3-Dichloropropylene	10.0	9.34	93.4	80 - 130
Cyclohexane	10.0	8.72	87.2	70 - 130
Dibromochloromethane	10.0	9.68	96.8	80 - 130
Dibromomethane	10.0	9.47	94.7	72 - 134
Dichlorodifluoromethane	10.0	7.55	75.5	44 - 144
Ethyl Benzene	10.0	9.72	97.2	80 - 130
Hexachlorobutadiene	10.0	8.57	85.7	67 - 146
Isopropylbenzene	10.0	9.26	92.6	76 - 130
Methyl acetate	10.0	13.9	139 *	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	10.6	106	76 - 130
Methylcyclohexane	10.0	8.63	86.3	72 - 130
Methylene chloride	10.0	11.7	117	70 - 130
n-Butylbenzene	10.0	9.35	93.5	79 - 132
n-Propylbenzene	10.0	9.21	92.1	78 - 133
o-Xylene	10.0	10.0	100	78 - 130
p- & m- Xylenes	20.0	20.0	100	77 - 130
p-Isopropyltoluene	10.0	9.35	93.5	81 - 136
sec-Butylbenzene	10.0	9.33	93.3	79 - 137
Styrene	10.0	9.61	96.1	70 - 130
tert-Butyl alcohol (TBA)	50.0	44.5	88.9	25 - 162
tert-Butylbenzene	10.0	9.30	93.0	77 - 138
Tetrachloroethylene	10.0	7.42	74.2 *	82 - 130
Toluene	10.0	9.62	96.2	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	9.84	98.4	80 - 130
trans-1,3-Dichloropropylene	10.0	9.37	93.7	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.18	91.8	63 - 141
Trichloroethylene	10.0	8.91	89.1	82 - 128
Trichlorofluoromethane	10.0	9.90	99.0	67 - 139
Vinyl Chloride	10.0	8.68	86.8	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.2	102		7.44	30	82 - 126
1,1,1-Trichloroethane	10.0	11.1	111		7.55	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102		5.57	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	108		11.3	20	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101		2.41	20	82 - 123
1,1-Dichloroethane	10.0	10.2	102		6.97	20	82 - 129
1,1-Dichloroethylene	10.0	11.0	110		10.0	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.3	113		1.16	20	76 - 130
1,2,3-Trichloropropane	10.0	10.2	102		6.09	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.4	104		4.32	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106		9.78	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.6	106		0.472	20	45 - 147
1,2-Dibromoethane	10.0	10.1	101		4.13	20	83 - 124
1,2-Dichlorobenzene	10.0	9.99	99.9		8.12	20	79 - 123
1,2-Dichloroethane	10.0	10.6	106		4.66	20	73 - 130
1,2-Dichloropropane	10.0	9.76	97.6		8.10	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.6	106		8.58	30	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100		9.95	20	86 - 122
1,4-Dichlorobenzene	10.0	10.0	100		9.30	20	85 - 124
2-Butanone	10.0	10.8	108		4.44	20	49 - 152
2-Hexanone	10.0	8.73	87.3		6.86	20	51 - 146
4-Methyl-2-pentanone	10.0	9.13	91.3		2.38	20	57 - 145
Acetone	10.0	10.9	109		5.47	20	40 - 150
Acrolein	10.0	15.8	158	*	14.2	30	10 - 153
Acrylonitrile	10.0	9.60	96.0		0.727	30	51 - 150
Benzene	10.0	11.0	110		8.75	20	85 - 126
Bromochloromethane	10.0	10.2	102		5.73	20	77 - 128
Bromodichloromethane	10.0	10.0	100		7.57	20	79 - 128
Bromoform	10.0	10.1	101		3.23	20	78 - 130
Bromomethane	10.0	12.3	123		9.03	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BI52044
Laboratory ID: BI52044-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	9.94	99.4	11.7	20	68 - 146
Carbon tetrachloride	10.0	11.1	111	8.52	20	77 - 130
Chlorobenzene	10.0	10.4	104	8.14	20	88 - 120
Chloroethane	10.0	14.2	142 *	10.4	20	65 - 136
Chloroform	10.0	10.6	106	7.41	20	82 - 128
Chloromethane	10.0	10.2	102	20.5 *	20	43 - 155
cis-1,2-Dichloroethylene	10.0	10.4	104	7.04	20	83 - 129
cis-1,3-Dichloropropylene	10.0	9.92	99.2	6.02	20	80 - 130
Cyclohexane	10.0	9.60	96.0	9.61	20	70 - 130
Dibromochloromethane	10.0	10.2	102	5.33	20	80 - 130
Dibromomethane	10.0	9.88	98.8	4.24	30	72 - 134
Dichlorodifluoromethane	10.0	11.6	116	42.3 *	20	44 - 144
Ethyl Benzene	10.0	10.6	106	8.28	20	80 - 130
Hexachlorobutadiene	10.0	9.82	98.2	13.6	30	67 - 146
Isopropylbenzene	10.0	10.3	103	11.0	20	76 - 130
Methyl acetate	10.0	7.72	77.2	57.0 *	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	10.2	102	3.76	20	76 - 130
Methylcyclohexane	10.0	9.56	95.6	10.2	20	72 - 130
Methylene chloride	10.0	11.7	117	0.257	20	70 - 130
n-Butylbenzene	10.0	10.4	104	10.4	30	79 - 132
n-Propylbenzene	10.0	10.2	102	10.1	30	78 - 133
o-Xylene	10.0	10.7	107	6.28	20	78 - 130
p- & m- Xylenes	20.0	21.3	106	6.06	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	11.0	30	81 - 136
sec-Butylbenzene	10.0	10.3	103	10.3	30	79 - 137
Styrene	10.0	10.3	103	7.12	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	25.7	51.3	53.6 *	30	25 - 162
tert-Butylbenzene	10.0	10.2	102	9.23	30	77 - 138
Tetrachloroethylene	10.0	8.12	81.2 *	9.01	20	82 - 130
Toluene	10.0	10.5	105	8.46	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BI52044	Laboratory ID:	BI52044-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.7	107	8.65	20	80 - 130
trans-1,3-Dichloropropylene	10.0	9.67	96.7	3.15	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.57	95.7	4.16	30	63 - 141
Trichloroethylene	10.0	9.73	97.3	8.80	20	82 - 128
Trichlorofluoromethane	10.0	11.3	113	13.4	20	67 - 139
Vinyl Chloride	10.0	10.4	104	18.3	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	82 - 126
1,1,1-Trichloroethane	10.0	11.4	114	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.99	99.9	70 - 130
1,1,2-Trichloroethane	10.0	11.1	111	82 - 123
1,1-Dichloroethane	10.0	10.8	108	82 - 129
1,1-Dichloroethylene	10.0	10.7	107	70 - 130
1,2,3-Trichlorobenzene	10.0	11.8	118	76 - 130
1,2,3-Trichloropropane	10.0	10.2	102	77 - 128
1,2,4-Trichlorobenzene	10.0	10.8	108	76 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.7	107	45 - 147
1,2-Dibromoethane	10.0	10.8	108	83 - 124
1,2-Dichlorobenzene	10.0	10.2	102	79 - 123
1,2-Dichloroethane	10.0	11.4	114	73 - 130
1,2-Dichloropropane	10.0	10.1	101	78 - 126
1,3,5-Trimethylbenzene	10.0	10.5	105	80 - 131
1,3-Dichlorobenzene	10.0	10.0	100	86 - 122
1,4-Dichlorobenzene	10.0	10.0	100	85 - 124
2-Butanone	10.0	12.2	122	49 - 152
2-Hexanone	10.0	9.44	94.4	51 - 146
4-Methyl-2-pentanone	10.0	9.80	98.0	57 - 145
Acetone	10.0	10.5	105	40 - 150
Acrolein	10.0	15.9	159 *	10 - 153
Acrylonitrile	10.0	10.4	104	51 - 150
Benzene	10.0	11.6	116	85 - 126
Bromochloromethane	10.0	11.0	110	77 - 128
Bromodichloromethane	10.0	10.4	104	79 - 128
Bromoform	10.0	10.8	108	78 - 130
Bromomethane	10.0	15.1	151	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BJ50090
Laboratory ID: BJ50090-BS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Carbon disulfide	10.0	9.80	98.0	68 - 146
Carbon tetrachloride	10.0	11.2	112	77 - 130
Chlorobenzene	10.0	10.7	107	88 - 120
Chloroethane	10.0	14.4	144 *	65 - 136
Chloroform	10.0	11.3	113	82 - 128
Chloromethane	10.0	9.99	99.9	43 - 155
cis-1,2-Dichloroethylene	10.0	12.4	124	83 - 129
cis-1,3-Dichloropropylene	10.0	10.6	106	80 - 130
Cyclohexane	10.0	9.06	90.6	70 - 130
Dibromochloromethane	10.0	10.9	109	80 - 130
Dibromomethane	10.0	10.6	106	72 - 134
Dichlorodifluoromethane	10.0	9.71	97.1	44 - 144
Ethyl Benzene	10.0	10.8	108	80 - 130
Hexachlorobutadiene	10.0	9.43	94.3	67 - 146
Isopropylbenzene	10.0	10.0	100	76 - 130
Methyl acetate	10.0	8.25	82.5	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	76 - 130
Methylcyclohexane	10.0	8.59	85.9	72 - 130
Methylene chloride	10.0	10.8	108	70 - 130
n-Butylbenzene	10.0	9.98	99.8	79 - 132
n-Propylbenzene	10.0	9.90	99.0	78 - 133
o-Xylene	10.0	11.0	110	78 - 130
p- & m- Xylenes	20.0	21.7	108	77 - 130
p-Isopropyltoluene	10.0	10.1	101	81 - 136
sec-Butylbenzene	10.0	9.92	99.2	79 - 137
Styrene	10.0	10.7	107	70 - 130
tert-Butyl alcohol (TBA)	50.0	49.8	99.7	25 - 162
tert-Butylbenzene	10.0	9.93	99.3	77 - 138
Tetrachloroethylene	10.0	8.34	83.4	82 - 130
Toluene	10.0	10.7	107	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.9	109	80 - 130
trans-1,3-Dichloropropylene	10.0	10.7	107	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.97	99.7	63 - 141
Trichloroethylene	10.0	9.99	99.9	82 - 128
Trichlorofluoromethane	10.0	10.5	105	67 - 139
Vinyl Chloride	10.0	9.89	98.9	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BJ50090
Laboratory ID: BJ50090-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.5	105	0.0956	30	82 - 126
1,1,1-Trichloroethane	10.0	11.2	112	0.974	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	10.1	101	4.55	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.82	98.2	1.72	20	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104	6.24	20	82 - 123
1,1-Dichloroethane	10.0	10.5	105	2.44	20	82 - 129
1,1-Dichloroethylene	10.0	10.6	106	1.41	20	70 - 130
1,2,3-Trichlorobenzene	10.0	11.2	112	5.82	20	76 - 130
1,2,3-Trichloropropane	10.0	9.95	99.5	2.38	30	77 - 128
1,2,4-Trichlorobenzene	10.0	10.3	103	5.03	20	76 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107	1.69	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.2	102	4.30	20	45 - 147
1,2-Dibromoethane	10.0	10.2	102	5.43	20	83 - 124
1,2-Dichlorobenzene	10.0	10.2	102	0.197	20	79 - 123
1,2-Dichloroethane	10.0	10.7	107	6.78	20	73 - 130
1,2-Dichloropropane	10.0	10.2	102	0.296	20	78 - 126
1,3,5-Trimethylbenzene	10.0	10.8	108	2.44	30	80 - 131
1,3-Dichlorobenzene	10.0	10.1	101	1.19	20	86 - 122
1,4-Dichlorobenzene	10.0	10.2	102	1.09	20	85 - 124
2-Butanone	10.0	10.6	106	14.8	20	49 - 152
2-Hexanone	10.0	8.53	85.3	10.1	20	51 - 146
4-Methyl-2-pentanone	10.0	8.70	87.0	11.9	20	57 - 145
Acetone	10.0	11.4	114	7.93	20	40 - 150
Acrolein	10.0	15.3	153	4.23	30	10 - 153
Acrylonitrile	10.0	9.83	98.3	5.73	30	51 - 150
Benzene	10.0	11.4	114	1.75	20	85 - 126
Bromochloromethane	10.0	10.2	102	7.27	20	77 - 128
Bromodichloromethane	10.0	10.3	103	1.06	20	79 - 128
Bromoform	10.0	10.2	102	6.11	20	78 - 130
Bromomethane	10.0	14.1	141	7.40	20	43 - 160

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Matrix: Water
Batch: BJ50090
Laboratory ID: BJ50090-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	10.0	9.73	97.3	0.717	20	68 - 146
Carbon tetrachloride	10.0	11.0	110	2.07	20	77 - 130
Chlorobenzene	10.0	10.6	106	1.03	20	88 - 120
Chloroethane	10.0	13.9	139 *	3.18	20	65 - 136
Chloroform	10.0	11.0	110	2.79	20	82 - 128
Chloromethane	10.0	10.1	101	1.39	20	43 - 155
cis-1,2-Dichloroethylene	10.0	11.4	114	8.15	20	83 - 129
cis-1,3-Dichloropropylene	10.0	10.3	103	3.64	20	80 - 130
Cyclohexane	10.0	8.86	88.6	2.23	20	70 - 130
Dibromochloromethane	10.0	10.3	103	6.12	20	80 - 130
Dibromomethane	10.0	10.0	100	5.91	30	72 - 134
Dichlorodifluoromethane	10.0	9.40	94.0	3.24	20	44 - 144
Ethyl Benzene	10.0	10.8	108	0.186	20	80 - 130
Hexachlorobutadiene	10.0	10.1	101	6.56	30	67 - 146
Isopropylbenzene	10.0	10.4	104	3.33	20	76 - 130
Methyl acetate	10.0	7.26	72.6	12.8	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	8.86	88.6	22.6 *	20	76 - 130
Methylcyclohexane	10.0	8.64	86.4	0.580	20	72 - 130
Methylene chloride	10.0	10.3	103	4.73	20	70 - 130
n-Butylbenzene	10.0	10.1	101	0.997	30	79 - 132
n-Propylbenzene	10.0	10.2	102	2.69	30	78 - 133
o-Xylene	10.0	10.9	109	0.912	20	78 - 130
p- & m- Xylenes	20.0	21.6	108	0.324	20	77 - 130
p-Isopropyltoluene	10.0	10.4	104	2.64	30	81 - 136
sec-Butylbenzene	10.0	10.1	101	2.00	30	79 - 137
Styrene	10.0	10.6	106	1.04	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	25.0	50.0	66.3 *	30	25 - 162
tert-Butylbenzene	10.0	10.2	102	2.68	30	77 - 138
Tetrachloroethylene	10.0	8.37	83.7	0.359	20	82 - 130
Toluene	10.0	10.8	108	0.464	20	80 - 127

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water		
Batch:	BJ50090	Laboratory ID:	BJ50090-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
trans-1,2-Dichloroethylene	10.0	10.8	108	0.738	20	80 - 130
trans-1,3-Dichloropropylene	10.0	9.73	97.3	9.12	20	78 - 130
trans-1,4-dichloro-2-butene	10.0	9.26	92.6	7.38	30	63 - 141
Trichloroethylene	10.0	10.2	102	2.57	20	82 - 128
Trichlorofluoromethane	10.0	10.4	104	1.25	20	67 - 139
Vinyl Chloride	10.0	9.71	97.1	1.84	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BI52027 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
TB (20250925)	25I1726-02	V8-007162.D	09/29/25 07:00	
Blank	BI52027-BLK1	V8-007161.D	09/29/25 07:19	
LCS	BI52027-BS1	V8-007157.D	09/29/25 07:19	
LCS Dup	BI52027-BSD1	V8-007159.D	09/29/25 07:19	

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BI52044 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 20250925	25I1726-01	V10C15900.D	09/29/25 07:26	
Blank	BI52044-BLK1	V10C15899.D	09/29/25 07:26	
LCS	BI52044-BS1	V10C15896.D	09/29/25 07:26	
LCS Dup	BI52044-BSD1	V10C15897.D	09/29/25 07:26	
MW-9 20250925	BI52044-MS1	V10C15916.D	09/29/25 07:26	25I1726-01 B
MW-9 20250925	BI52044-MSD1	V10C15917.D	09/29/25 07:26	25I1726-01 C

FORM IV **PREPARATION BATCH SUMMARY**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Batch: BJ50090 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 20250925	25I1726-01RE1	V10C15992.D	10/01/25 07:00	From BI52044 by PMB on 10/01/2025 RE1 25X
Blank	BJ50090-BLK1	V10C15976.D	10/01/25 07:00	
LCS	BJ50090-BS1	V10C15973.D	10/01/25 07:00	
LCS Dup	BJ50090-BSD1	V10C15974.D	10/01/25 07:00	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.280	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.200	J
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	1.42	J
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.310	J
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.530	
179601-23-1	p- & m- Xylenes	1.46	
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.99	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.99	99.9	69 - 130	
SURR: p-Bromofluorobenzene	10.0	10.4	104	79 - 122	
SURR: Toluene-d8	10.0	11.6	116	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	233080	11.737	340168	11.737	
ISTD: Chlorobenzene-d5	135365	8.756	169540	8.75	
ISTD: Fluorobenzene	91450	5.733	102089	5.727	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.260	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	3.93	
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	
SURR: Toluene-d8	10.0	9.81	98.1	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	173794	11.991	193907	11.985	
ISTD: Chlorobenzene-d5	142933	8.991	146745	8.991	
ISTD: Fluorobenzene	97943	5.961	99774	5.962	

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METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.290	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.510	
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	0.760	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	70 - 130	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	
SURR: Toluene-d8	10.0	9.84	98.4	81 - 117	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,2-Dichlorobenzene-d4	184183	11.985	193228	11.985	
ISTD: Chlorobenzene-d5	148103	8.991	150550	8.991	
ISTD: Fluorobenzene	101343	5.961	102738	5.961	

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15373.D	Injection Date:	09/16/25
Instrument ID:	VOA No. 10	Injection Time:	16:39
Sequence:	S5I1802	Lab Sample ID:	S5I1802-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.2	PASS
75	30 - 60% of 95	50.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	69.1	PASS
175	5 - 9% of 174	7.51	PASS
176	95 - 101% of 174	96.1	PASS
177	5 - 10% of 176	6.48	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V8-006836.D	Injection Date:	09/17/25
Instrument ID:	VOA No. 8	Injection Time:	17:13
Sequence:	S5I1904	Lab Sample ID:	S5I1904-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	24	PASS
75	30 - 60% of 95	56.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	76.9	PASS
175	5 - 9% of 174	7.75	PASS
176	95 - 101% of 174	96	PASS
177	5 - 10% of 176	6.56	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V8-007155.D	Injection Date:	09/29/25
Instrument ID:	VOA No. 8	Injection Time:	13:00
Sequence:	S5I3013	Lab Sample ID:	S5I3013-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.4	PASS
75	30 - 60% of 95	55	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.32	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.5	PASS
175	5 - 9% of 174	7.65	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 10% of 176	6.21	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15894.D	Injection Date:	09/30/25
Instrument ID:	VOA No. 10	Injection Time:	04:00
Sequence:	S5J0112	Lab Sample ID:	S5J0112-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	45.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.66	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	65.3	PASS
175	5 - 9% of 174	7.88	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 10% of 176	6.65	PASS

FORM V MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Lab File ID:	V10C15971.D	Injection Date:	10/01/25
Instrument ID:	VOA No. 10	Injection Time:	19:11
Sequence:	S5J0206	Lab Sample ID:	S5J0206-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.9	PASS
75	30 - 60% of 95	52.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.7	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	63	PASS
175	5 - 9% of 174	7.82	PASS
176	95 - 101% of 174	98.5	PASS
177	5 - 10% of 176	6.41	PASS

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1802
Instrument: VOA No. 10
Calibration: SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I1802-TUN1	V10C15373.D	09/16/25 16:39
Cal Standard	S5I1802-CAL1	V10C15374.D	09/16/25 17:08
Cal Standard	S5I1802-CAL2	V10C15375.D	09/16/25 17:37
Cal Standard	S5I1802-CAL3	V10C15376.D	09/16/25 18:05
Cal Standard	S5I1802-CAL4	V10C15377.D	09/16/25 18:34
Cal Standard	S5I1802-CAL5	V10C15378.D	09/16/25 19:02
Cal Standard	S5I1802-CAL6	V10C15379.D	09/16/25 19:31
Cal Standard	S5I1802-CAL7	V10C15380.D	09/16/25 20:00
Cal Standard	S5I1802-CAL8	V10C15381.D	09/16/25 20:28
Cal Standard	S5I1802-CAL9	V10C15382.D	09/16/25 20:57
Cal Standard	S5I1802-CALA	V10C15383.D	09/16/25 21:25
Secondary Cal Check	S5I1802-SCV1	V10C15387.D	09/16/25 23:19

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904
Instrument: VOA No. 8
Calibration: SI50030

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I1904-TUN1	V8-006836.D	09/17/25 17:13
Cal Standard	S5I1904-CAL1	V8-006837.D	09/17/25 17:42
Cal Standard	S5I1904-CAL2	V8-006838.D	09/17/25 18:11
Cal Standard	S5I1904-CAL3	V8-006839.D	09/17/25 18:41
Cal Standard	S5I1904-CAL4	V8-006840.D	09/17/25 19:10
Cal Standard	S5I1904-CAL5	V8-006841.D	09/17/25 19:40
Cal Standard	S5I1904-CAL6	V8-006842.D	09/17/25 20:09
Cal Standard	S5I1904-CAL7	V8-006843.D	09/17/25 20:38
Cal Standard	S5I1904-CAL8	V8-006844.D	09/17/25 21:08
Cal Standard	S5I1904-CAL9	V8-006845.D	09/17/25 21:37
Cal Standard	S5I1904-CALA	V8-006846.D	09/17/25 22:07
Secondary Cal Check	S5I1904-SCV1	V8-006868.D	09/18/25 11:48

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5I3013	Instrument:	VOA No. 8
		Calibration:	SI50030

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5I3013-TUN1	V8-007155.D	09/29/25 13:00
Calibration Check	S5I3013-CCV1	V8-007155a.D	09/29/25 13:00
LCS	BI52027-BS1	V8-007157.D	09/29/25 13:59
LCS Dup	BI52027-BSD1	V8-007159.D	09/29/25 15:03
Blank	BI52027-BLK1	V8-007161.D	09/29/25 16:01
TB (20250925)	25I1726-02	V8-007162.D	09/29/25 16:31

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5J0112	Instrument:	VOA No. 10
		Calibration:	SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5J0112-TUN1	V10C15894.D	09/30/25 04:00
Calibration Check	S5J0112-CCV1	V10C15895.D	09/30/25 04:29
LCS	BI52044-BS1	V10C15896.D	09/30/25 04:57
LCS Dup	BI52044-BSD1	V10C15897.D	09/30/25 05:26
Blank	BI52044-BLK1	V10C15899.D	09/30/25 06:23
MW-9 20250925	25I1726-01	V10C15900.D	09/30/25 06:52
MW-9 20250925	BI52044-MS1	V10C15916.D	09/30/25 14:28
MW-9 20250925	BI52044-MSD1	V10C15917.D	09/30/25 14:56

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Sequence:	S5J0206	Instrument:	VOA No. 10
		Calibration:	SI50025

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S5J0206-TUN1	V10C15971.D	10/01/25 19:11
Calibration Check	S5J0206-CCV1	V10C15972.D	10/01/25 19:40
LCS	BJ50090-BS1	V10C15973.D	10/01/25 20:08
LCS Dup	BJ50090-BSD1	V10C15974.D	10/01/25 20:37
Blank	BJ50090-BLK1	V10C15976.D	10/01/25 21:34
MW-9 20250925	25I1726-01RE1	V10C15992.D	10/02/25 05:11

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1802 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1802-CAL1)			Lab File ID: V10C15374.D			Analyzed: 09/16/25 17:08			
ISTD: Fluorobenzene	124763	5.962	133461	5.955	93	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	167594	8.992	174027	8.991	96	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	214888	11.985	214175	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL2)			Lab File ID: V10C15375.D			Analyzed: 09/16/25 17:37			
ISTD: Fluorobenzene	128052	5.962	133461	5.955	96	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	170761	8.991	174027	8.991	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	206280	11.991	214175	11.985	96	50 - 200	0.0060	+/-0.50	
Cal Standard (S5I1802-CAL3)			Lab File ID: V10C15376.D			Analyzed: 09/16/25 18:05			
ISTD: Fluorobenzene	124745	5.955	133461	5.955	93	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	171668	8.991	174027	8.991	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	216097	11.985	214175	11.985	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL4)			Lab File ID: V10C15377.D			Analyzed: 09/16/25 18:34			
ISTD: Fluorobenzene	129659	5.955	133461	5.955	97	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174569	8.991	174027	8.991	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	210796	11.985	214175	11.985	98	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL5)			Lab File ID: V10C15378.D			Analyzed: 09/16/25 19:02			
ISTD: Fluorobenzene	125211	5.962	133461	5.955	94	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	172860	8.991	174027	8.991	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	212076	11.985	214175	11.985	99	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL6)			Lab File ID: V10C15379.D			Analyzed: 09/16/25 19:31			
ISTD: Fluorobenzene	125693	5.961	133461	5.955	94	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	175953	8.991	174027	8.991	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	208265	11.985	214175	11.985	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL7)			Lab File ID: V10C15380.D			Analyzed: 09/16/25 20:00			
ISTD: Fluorobenzene	133461	5.955	133461	5.955	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174027	8.991	174027	8.991	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	214175	11.985	214175	11.985	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL8)			Lab File ID: V10C15381.D			Analyzed: 09/16/25 20:28			
ISTD: Fluorobenzene	129686	5.962	133461	5.955	97	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	176973	8.992	174027	8.991	102	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	221624	11.985	214175	11.985	103	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1802-CAL9)			Lab File ID: V10C15382.D			Analyzed: 09/16/25 20:57			
ISTD: Fluorobenzene	130998	5.962	133461	5.955	98	50 - 200	0.0070	+/-0.50	
ISTD: Chlorobenzene-d5	183304	8.991	174027	8.991	105	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	233287	11.991	214175	11.985	109	50 - 200	0.0060	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
Client: Hydro Tech Environmental
Sequence: S5I1802
SDG: 25I1726
Project: 230051-170 Freemont St. Brooklyn
Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1802-CALA)			Lab File ID: V10C15383.D			Analyzed: 09/16/25 21:25			
ISTD: Fluorobenzene	138534	5.961	133461	5.955	104	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	190410	8.997	174027	8.991	109	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	236826	11.991	214175	11.985	111	50 - 200	0.0060	+/-0.50	
Secondary Cal Check (S5I1802-SCV1)			Lab File ID: V10C15387.D			Analyzed: 09/16/25 23:19			
ISTD: Fluorobenzene	130958	5.961	133461	5.955	98	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	177304	8.991	174027	8.991	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	226848	11.985	214175	11.985	106	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1904-CAL1)			Lab File ID: V8-006837.D			Analyzed: 09/17/25 17:42			
ISTD: Fluorobenzene	98103	5.733	108917	5.733	90	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	157499	8.756	193132	8.756	82	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	270253	11.743	390315	11.743	69	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL2)			Lab File ID: V8-006838.D			Analyzed: 09/17/25 18:11			
ISTD: Fluorobenzene	97102	5.732	108917	5.733	89	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	159180	8.756	193132	8.756	82	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	272749	11.743	390315	11.743	70	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL3)			Lab File ID: V8-006839.D			Analyzed: 09/17/25 18:41			
ISTD: Fluorobenzene	99177	5.732	108917	5.733	91	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	159402	8.756	193132	8.756	83	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	273001	11.743	390315	11.743	70	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL4)			Lab File ID: V8-006840.D			Analyzed: 09/17/25 19:10			
ISTD: Fluorobenzene	98073	5.733	108917	5.733	90	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155666	8.756	193132	8.756	81	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	266867	11.743	390315	11.743	68	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL5)			Lab File ID: V8-006841.D			Analyzed: 09/17/25 19:40			
ISTD: Fluorobenzene	98670	5.733	108917	5.733	91	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	161719	8.756	193132	8.756	84	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	288590	11.743	390315	11.743	74	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL6)			Lab File ID: V8-006842.D			Analyzed: 09/17/25 20:09			
ISTD: Fluorobenzene	99998	5.733	108917	5.733	92	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	172083	8.756	193132	8.756	89	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	307934	11.743	390315	11.743	79	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL7)			Lab File ID: V8-006843.D			Analyzed: 09/17/25 20:38			
ISTD: Fluorobenzene	108917	5.733	108917	5.733	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	193132	8.756	193132	8.756	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	390315	11.743	390315	11.743	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL8)			Lab File ID: V8-006844.D			Analyzed: 09/17/25 21:08			
ISTD: Fluorobenzene	115586	5.733	108917	5.733	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	223990	8.756	193132	8.756	116	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	436849	11.743	390315	11.743	112	50 - 200	0.0000	+/-0.50	
Cal Standard (S5I1904-CAL9)			Lab File ID: V8-006845.D			Analyzed: 09/17/25 21:37			
ISTD: Fluorobenzene	130196	5.733	108917	5.733	120	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	286313	8.756	193132	8.756	148	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	492263	11.743	390315	11.743	126	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I1904 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S5I1904-CALA)			Lab File ID: V8-006846.D			Analyzed: 09/17/25 22:07			
ISTD: Fluorobenzene	144567	5.732	108917	5.733	133	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	387129	8.756	193132	8.756	200	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	567666	11.743	390315	11.743	145	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (S5I1904-SCV1)			Lab File ID: V8-006868.D			Analyzed: 09/18/25 11:48			
ISTD: Fluorobenzene	108571	5.733	108917	5.733	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	177569	8.756	193132	8.756	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	394991	11.743	390315	11.743	101	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5I3013 Instrument: VOA No. 8
Calibration: SI50030

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5I3013-CCV1)			Lab File ID: V8-007155a.D			Analyzed: 09/29/25 13:00			
ISTD: Fluorobenzene	102089	5.727				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	169540	8.75				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	340168	11.737				50 - 200		+/-0.50	
LCS (BI52027-BS1)			Lab File ID: V8-007157.D			Analyzed: 09/29/25 13:59			
ISTD: Fluorobenzene	104551	5.733	102089	5.727	102	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	156499	8.75	169540	8.75	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	338579	11.737	340168	11.737	100	50 - 200	0.0000	+/-0.50	
LCS Dup (BI52027-BSD1)			Lab File ID: V8-007159.D			Analyzed: 09/29/25 15:03			
ISTD: Fluorobenzene	103561	5.733	102089	5.727	101	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	156150	8.756	169540	8.75	92	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	338762	11.737	340168	11.737	100	50 - 200	0.0000	+/-0.50	
Blank (BI52027-BLK1)			Lab File ID: V8-007161.D			Analyzed: 09/29/25 16:01			
ISTD: Fluorobenzene	91450	5.733	102089	5.727	90	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	135365	8.756	169540	8.75	80	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	233080	11.737	340168	11.737	69	50 - 200	0.0000	+/-0.50	
TB (20250925) (25I1726-02)			Lab File ID: V8-007162.D			Analyzed: 09/29/25 16:31			
ISTD: Fluorobenzene	88429	5.733	102089	5.727	87	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	129733	8.756	169540	8.75	77	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	225731	11.737	340168	11.737	66	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0112 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0112-CCV1)			Lab File ID: V10C15895.D			Analyzed: 09/30/25 04:29			
ISTD: Fluorobenzene	99774	5.962				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	146745	8.991				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	193907	11.985				50 - 200		+/-0.50	
LCS (BI52044-BS1)			Lab File ID: V10C15896.D			Analyzed: 09/30/25 04:57			
ISTD: Fluorobenzene	105431	5.962	99774	5.962	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155776	8.992	146745	8.991	106	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	202908	11.991	193907	11.985	105	50 - 200	0.0060	+/-0.50	
LCS Dup (BI52044-BSD1)			Lab File ID: V10C15897.D			Analyzed: 09/30/25 05:26			
ISTD: Fluorobenzene	102682	5.961	99774	5.962	103	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	150520	8.991	146745	8.991	103	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	191942	11.991	193907	11.985	99	50 - 200	0.0060	+/-0.50	
Blank (BI52044-BLK1)			Lab File ID: V10C15899.D			Analyzed: 09/30/25 06:23			
ISTD: Fluorobenzene	97943	5.961	99774	5.962	98	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	142933	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	173794	11.991	193907	11.985	90	50 - 200	0.0060	+/-0.50	
MW-9 20250925 (25I1726-01)			Lab File ID: V10C15900.D			Analyzed: 09/30/25 06:52			
ISTD: Fluorobenzene	99634	5.962	99774	5.962	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	141677	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	168647	11.991	193907	11.985	87	50 - 200	0.0060	+/-0.50	
Matrix Spike (BI52044-MS1)			Lab File ID: V10C15916.D			Analyzed: 09/30/25 14:28			
ISTD: Fluorobenzene	97319	5.961	99774	5.962	98	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	142566	8.991	146745	8.991	97	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	190872	11.991	193907	11.985	98	50 - 200	0.0060	+/-0.50	
Matrix Spike Dup (BI52044-MSD1)			Lab File ID: V10C15917.D			Analyzed: 09/30/25 14:56			
ISTD: Fluorobenzene	103392	5.961	99774	5.962	104	50 - 200	-0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	152089	8.991	146745	8.991	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	201286	11.985	193907	11.985	104	50 - 200	0.0000	+/-0.50	

FORM VIII **INTERNAL STANDARD AREA AND RT SUMMARY**
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726
Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn
Sequence: S5J0206 Instrument: VOA No. 10
Calibration: SI50025

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5J0206-CCV1)			Lab File ID: V10C15972.D			Analyzed: 10/01/25 19:40			
ISTD: Fluorobenzene	102738	5.961				50 - 200		+/-0.50	
ISTD: Chlorobenzene-d5	150550	8.991				50 - 200		+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	193228	11.985				50 - 200		+/-0.50	
LCS (BJ50090-BS1)			Lab File ID: V10C15973.D			Analyzed: 10/01/25 20:08			
ISTD: Fluorobenzene	104955	5.955	102738	5.961	102	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	157108	8.991	150550	8.991	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	206445	11.985	193228	11.985	107	50 - 200	0.0000	+/-0.50	
LCS Dup (BJ50090-BSD1)			Lab File ID: V10C15974.D			Analyzed: 10/01/25 20:37			
ISTD: Fluorobenzene	104710	5.955	102738	5.961	102	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	151809	8.991	150550	8.991	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	192166	11.985	193228	11.985	99	50 - 200	0.0000	+/-0.50	
Blank (BJ50090-BLK1)			Lab File ID: V10C15976.D			Analyzed: 10/01/25 21:34			
ISTD: Fluorobenzene	101343	5.961	102738	5.961	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	148103	8.991	150550	8.991	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	184183	11.985	193228	11.985	95	50 - 200	0.0000	+/-0.50	
MW-9 20250925 (25I1726-01RE1)			Lab File ID: V10C15992.D			Analyzed: 10/02/25 05:11			
ISTD: Fluorobenzene	101794	5.961	102738	5.961	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	152831	8.991	150550	8.991	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	200431	11.985	193228	11.985	104	50 - 200	0.0000	+/-0.50	

HOLDING TIME SUMMARY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-9 20250925	09/25/25 09:55	09/25/25 21:15	09/29/25 07:26	3.90	14.00	09/30/25 06:52	4.87	14.00	
MW-9 20250925	09/25/25 09:55	09/25/25 21:15	10/01/25 07:00	5.88	14.00	10/02/25 05:11	6.80	14.00	
TB (20250925)	09/25/25 09:45	09/25/25 21:15	09/29/25 07:00	3.89	14.00	09/29/25 16:31	4.28	14.00	

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 10

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 8

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Matrix: Water **Instrument:** VOA No. 8

Analyte	LOD	LOQ	Units
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

FORM I **ORGANIC ANALYSIS DATA SHEET**

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Ground Water	Laboratory ID:	25I1726-01	File ID:	V10C15900.D
Sampled:	09/25/25 09:55	Prepared:	09/29/25 07:26	Analyzed:	09/30/25 06:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

Batch: BI52044 Sequence: S5J0112 Calibration: SI50025 Instrument: VOA No. 10

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	2.00	U
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U
74-95-3	Dibromomethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Ground Water	Laboratory ID:	25I1726-01	File ID:	V10C15900.D
Sampled:	09/25/25 09:55	Prepared:	09/29/25 07:26	Analyzed:	09/30/25 06:52
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.370	J
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	12.0	
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.710	
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.780	
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.92	99.2	69 - 130	
SURR: Toluene-d8	10.0	9.92	99.2	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.2	102	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	99634	5.962	99774	5.962	
ISTD: Chlorobenzene-d5	141677	8.991	146745	8.991	
ISTD: 1,2-Dichlorobenzene-d4	168647	11.991	193907	11.985	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C15900.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 6:52 am
Operator : PMB
Sample : 25I1726-01 A
Misc : 8260 needs re1 cis-1,2 Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 14:14:02 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

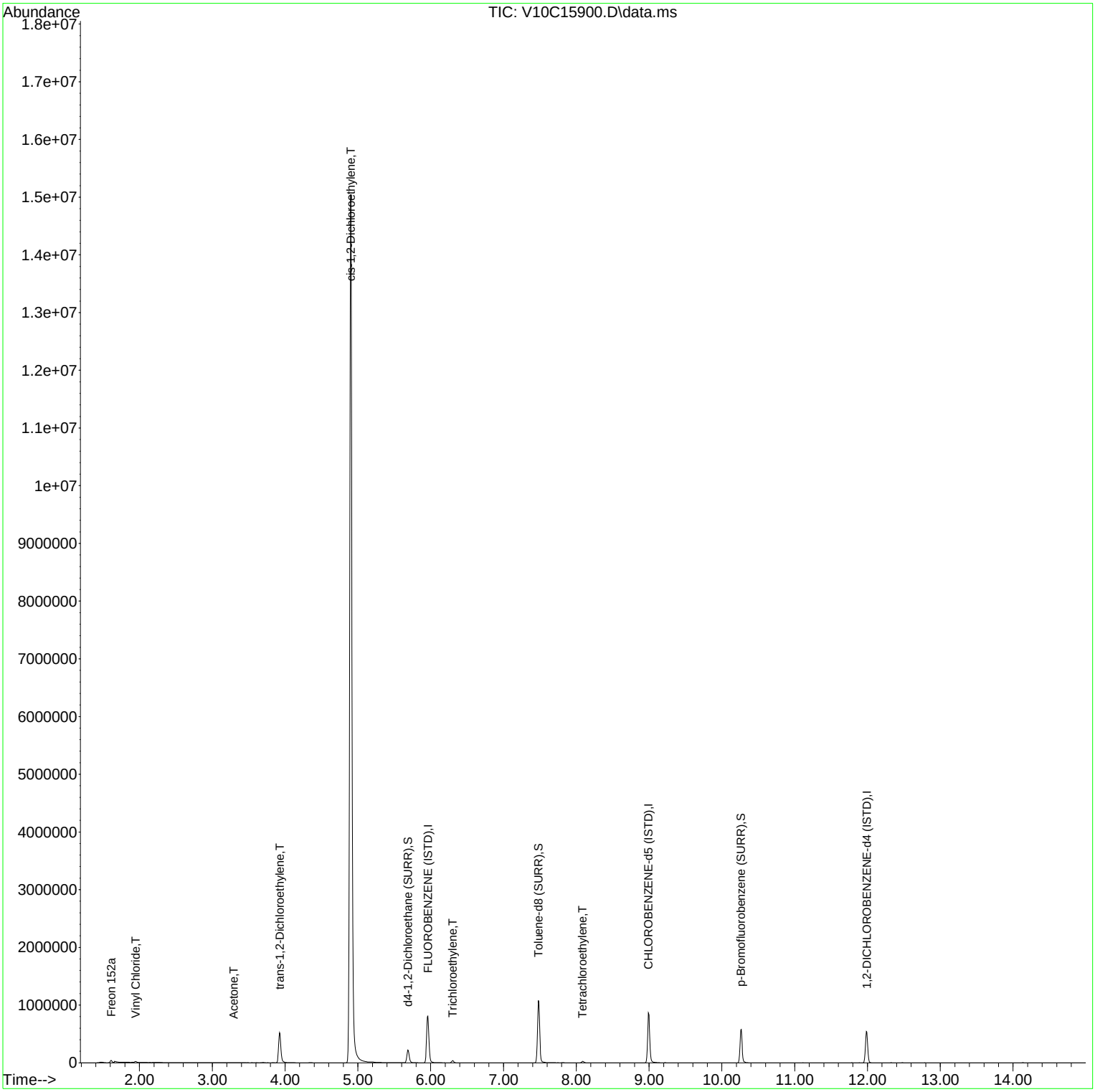
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	99634	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	141677	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	168647	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	170990	9.92	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.20%			
59) Toluene-d8 (SURR)	7.480	98	829988	9.92	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 99.20%			
81) p-Bromofluorobenzene (...	10.260	95	253535	10.15	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 101.50%			
Target Compounds						Qvalue
3) Freon 152a	1.610	51	46202	2.32	ppb	85
7) Vinyl Chloride	1.944	62	21831	0.78	ppb	96
17) Acetone	3.291	58	392	0.43	ppb	51
25) trans-1,2-Dichloroethy...	3.925	61	370241	12.02	ppb	100
32) cis-1,2-Dichloroethylene	4.901	61	10404962	328.88	ppb	92
48) Trichloroethylene	6.303	95	14760	0.71	ppb	98
66) Tetrachloroethylene	8.083	166	8112	0.37	ppb	98

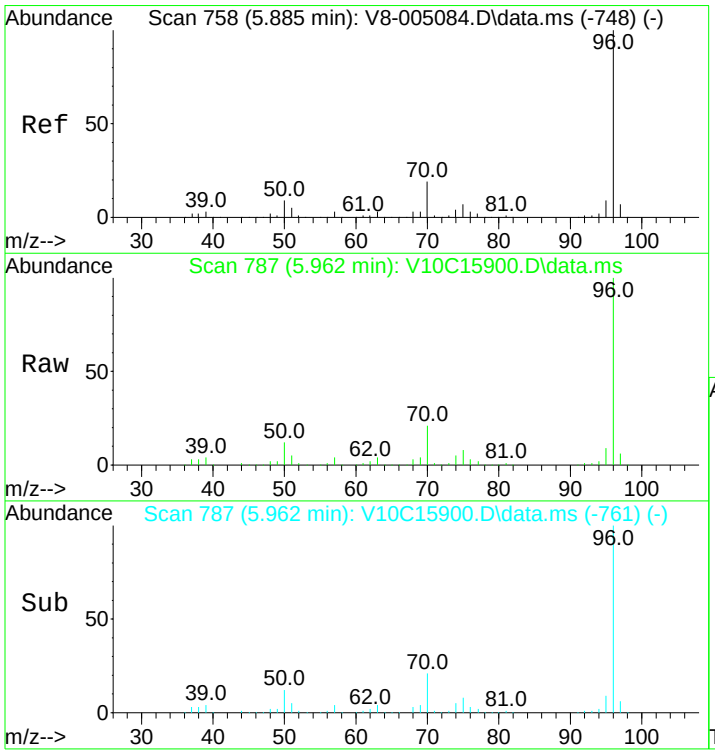
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15900.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 6:52 am
Operator : PMB
Sample : 25I1726-01 A
Misc : 8260 needs re1 cis-1,2 Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 14:14:02 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

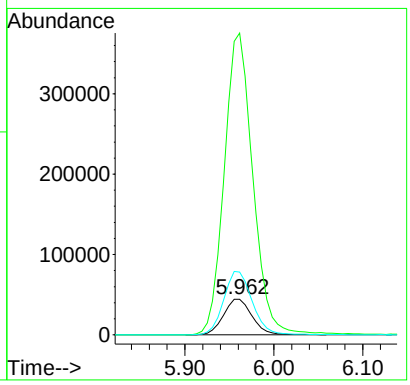


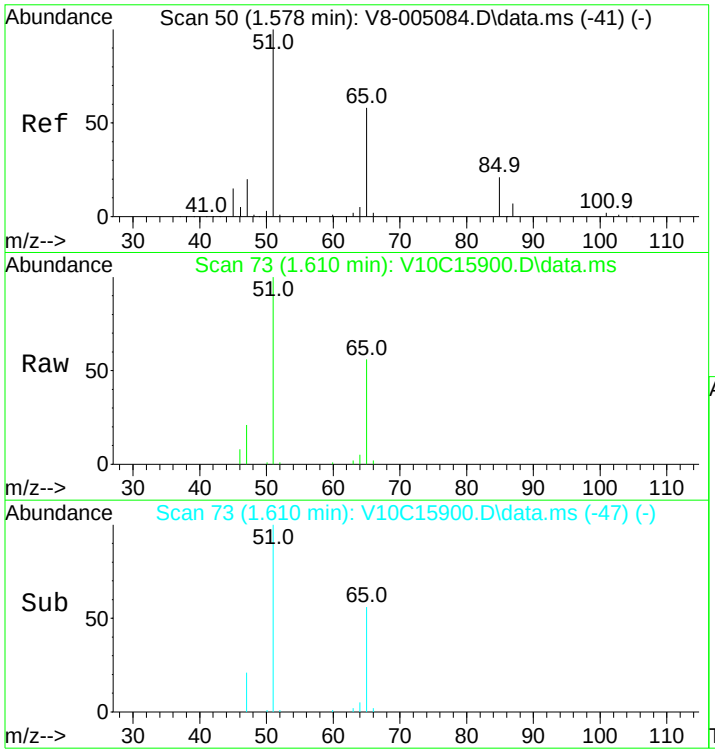


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.962 min Scan# 787
Delta R.T. 0.007 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 50 Resp: 99634

Ion	Ratio	Lower	Upper
50	100		
96	841.7	535.6	1112.4
70	177.2	113.2	235.2

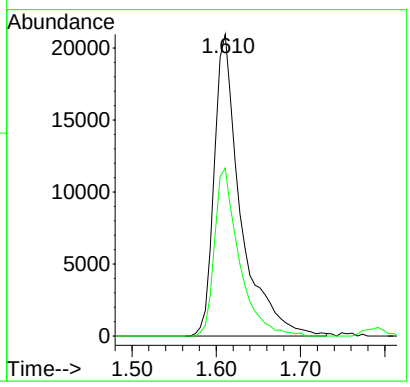


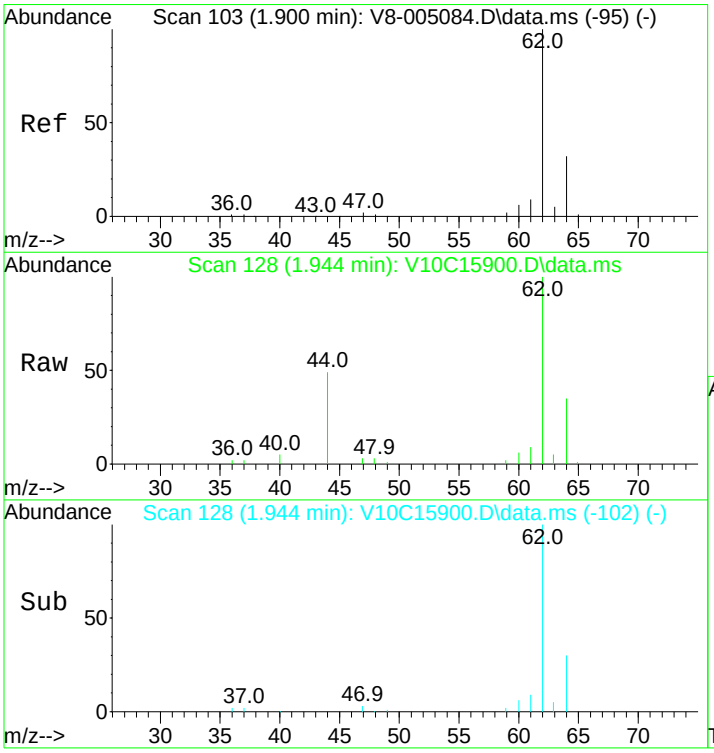


#3
Freon 152a
Concen: 2.32 ppb
RT: 1.610 min Scan# 73
Delta R.T. 0.005 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 51 Resp: 46202

Ion	Ratio	Lower	Upper
51	100		
65	51.9	31.9	95.5

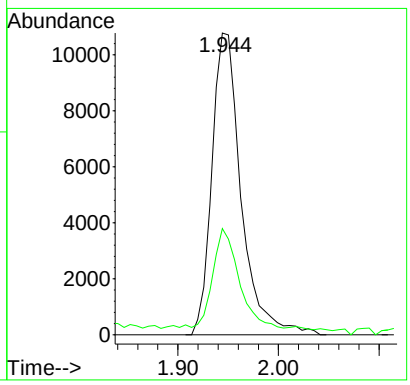


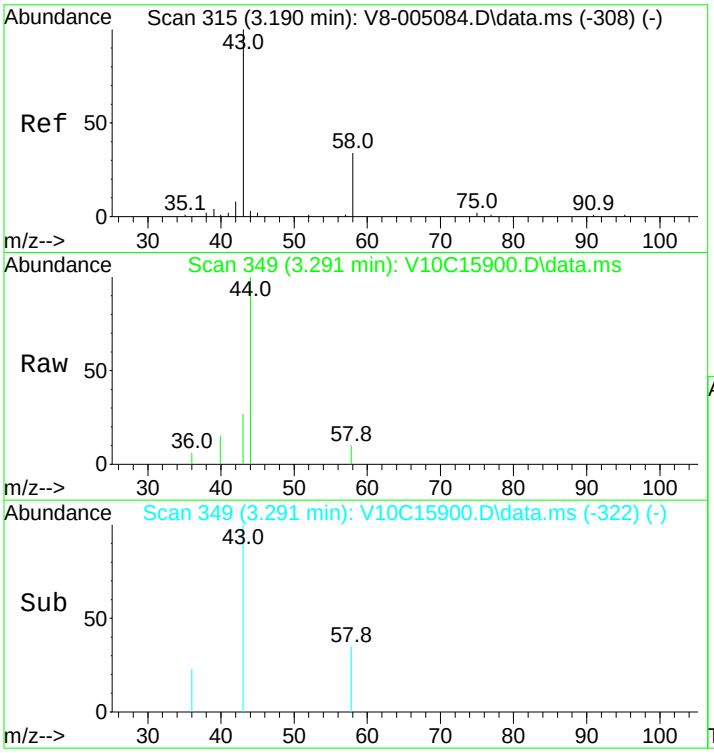


#7
Vinyl Chloride
Concen: 0.78 ppb
RT: 1.944 min Scan# 128
Delta R.T. 0.006 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 62 Resp: 21831

Ion	Ratio	Lower	Upper
62	100		
64	29.0	20.2	42.0

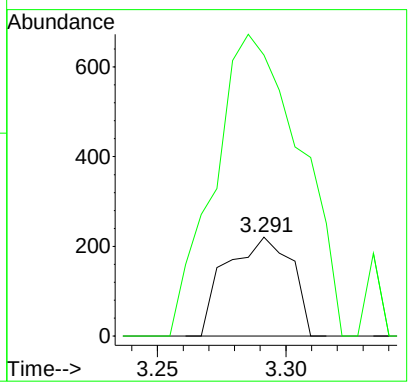


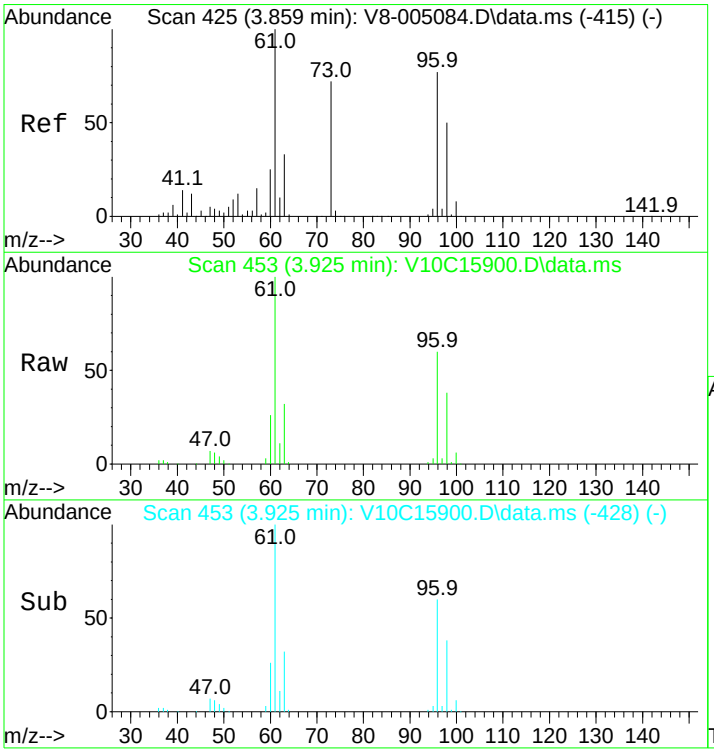


#17
Acetone
Concen: 0.43 ppb
RT: 3.291 min Scan# 349
Delta R.T. 0.012 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 58 Resp: 392

Ion	Ratio	Lower	Upper
58	100		
43	400.5	196.9	409.0

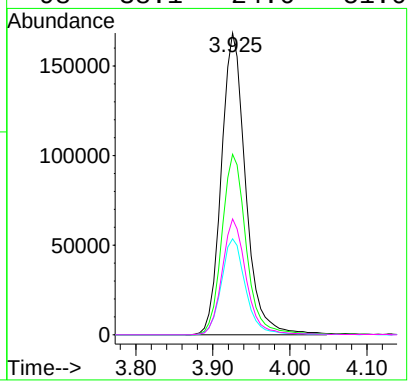


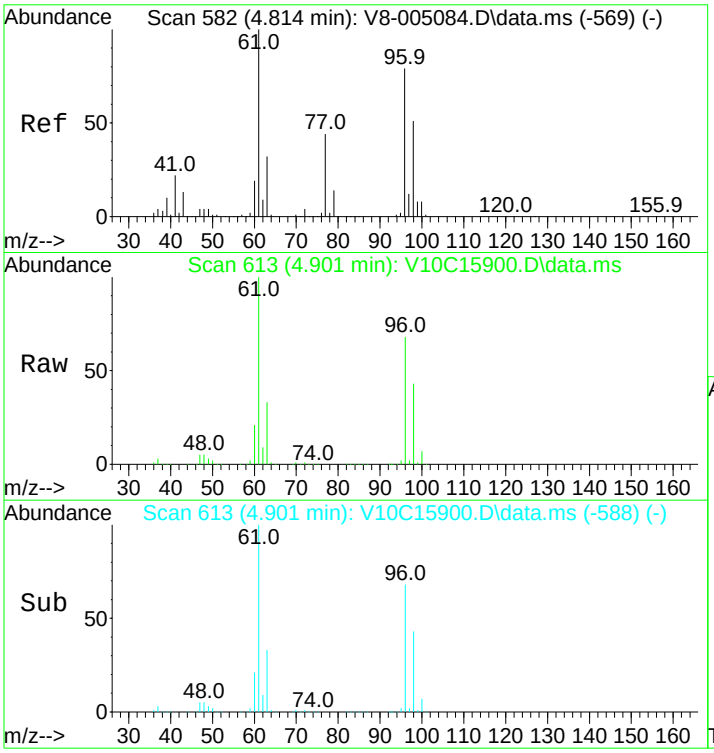


#25
trans-1,2-Dichloroethylene
Concen: 12.02 ppb
RT: 3.925 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 61 Resp: 370241

Ion	Ratio	Lower	Upper
61	100		
96	60.2	39.3	81.5
63	31.8	20.7	43.1
98	38.1	24.6	51.0

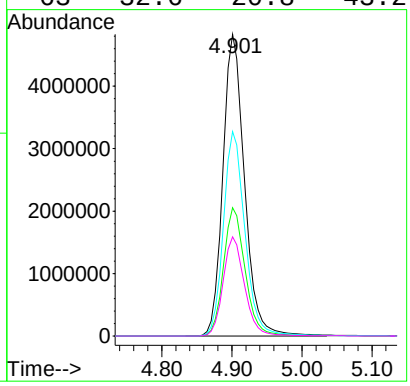


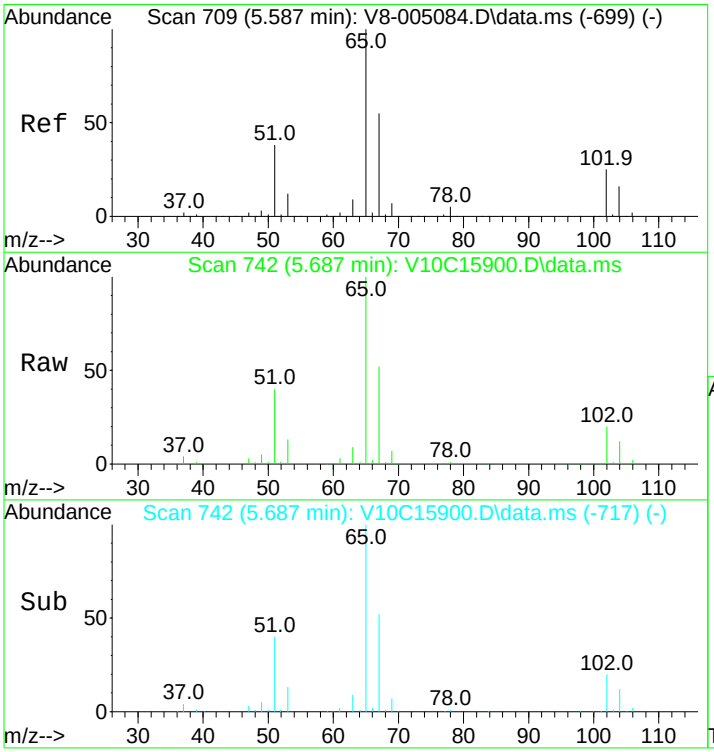


#32
cis-1,2-Dichloroethylene
Concen: 328.88 ppb
RT: 4.901 min Scan# 613
Delta R.T. -0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 61 Resp:10404962

Ion	Ratio	Lower	Upper
61	100		
98	42.7	24.5	50.9
96	67.6	38.5	80.1
63	32.6	20.8	43.2

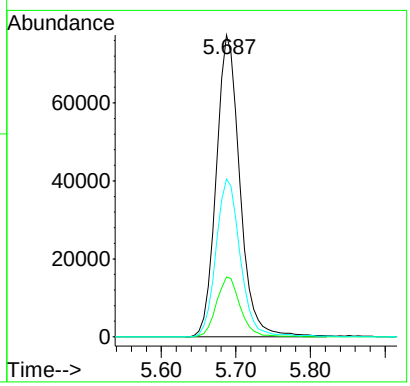


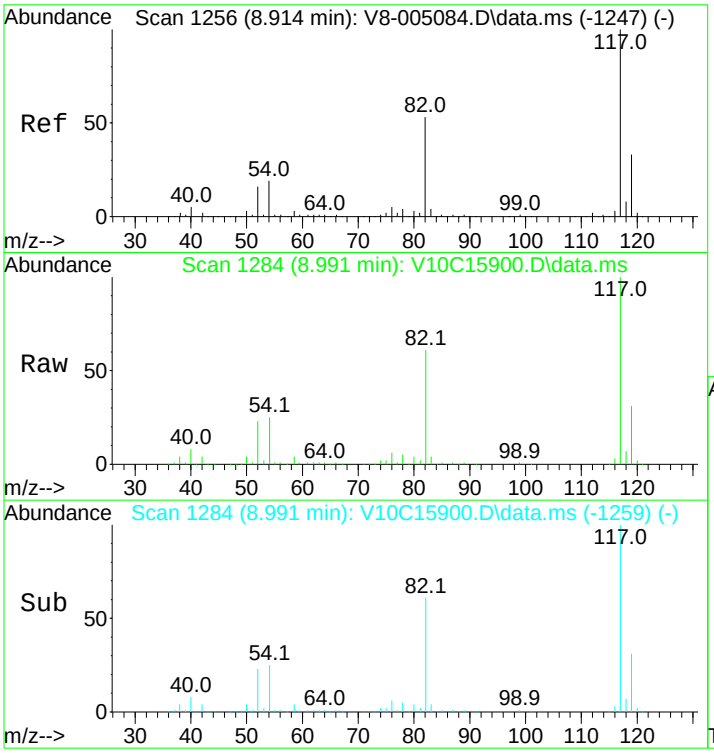


#41
d4-1,2-Dichloroethane (SURR)
Concen: 9.92 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 65 Resp: 170990

Ion	Ratio	Lower	Upper
65	100		
102	20.0	13.6	28.2
67	53.4	36.5	75.7

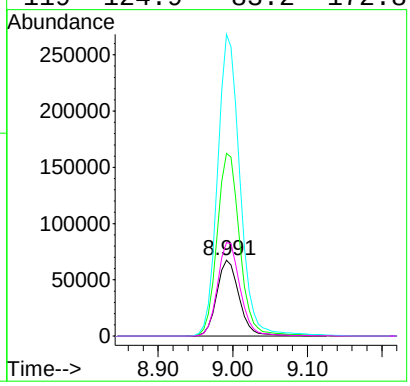


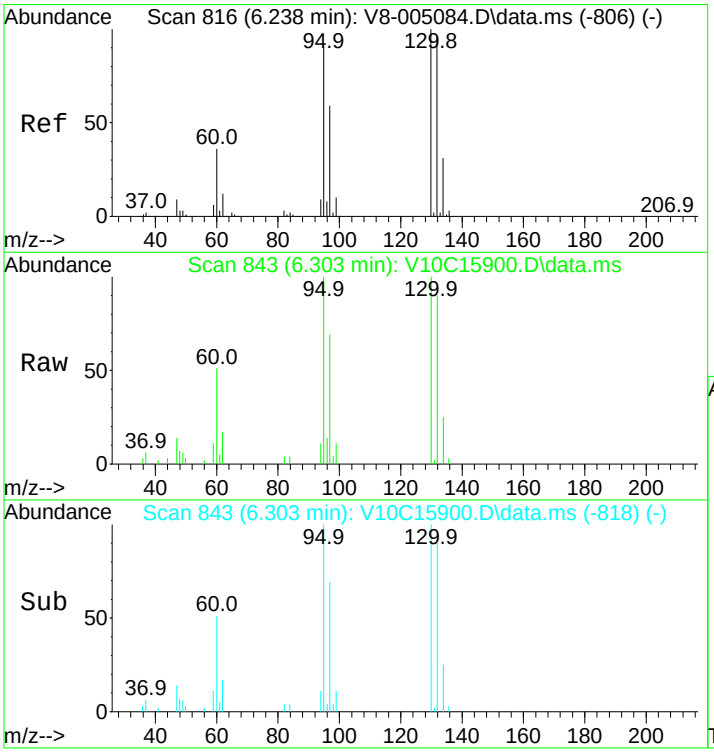


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. 0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 54 Resp: 141677

Ion	Ratio	Lower	Upper
54	100		
82	243.5	162.2	336.8
117	396.6	263.6	547.6
119	124.9	83.2	172.8

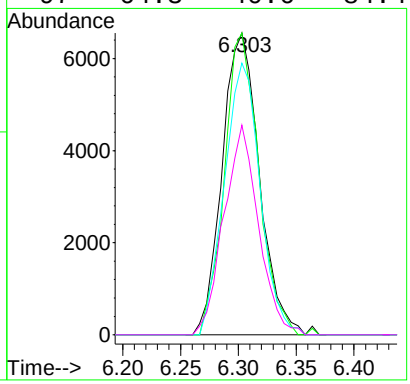


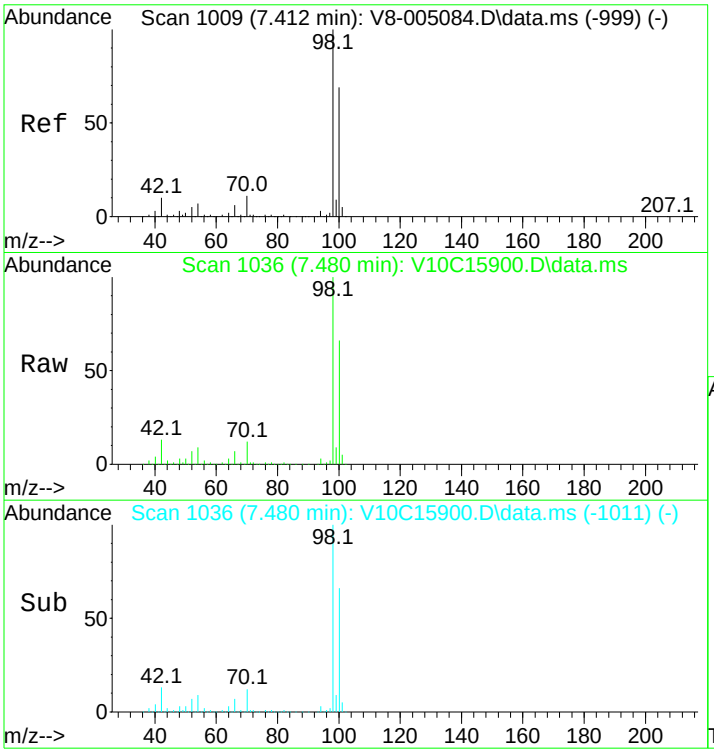


#48
Trichloroethylene
Concen: 0.71 ppb
RT: 6.303 min Scan# 843
Delta R.T. -0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 95 Resp: 14760

Ion	Ratio	Lower	Upper
95	100		
130	91.6	60.6	125.8
132	86.2	57.7	119.7
97	64.3	40.6	84.4

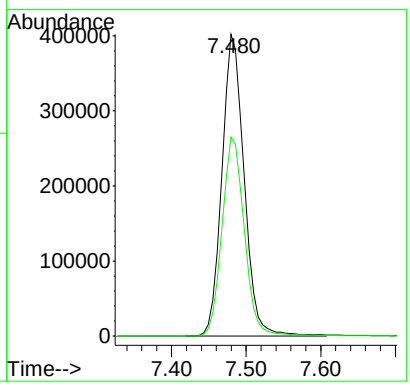


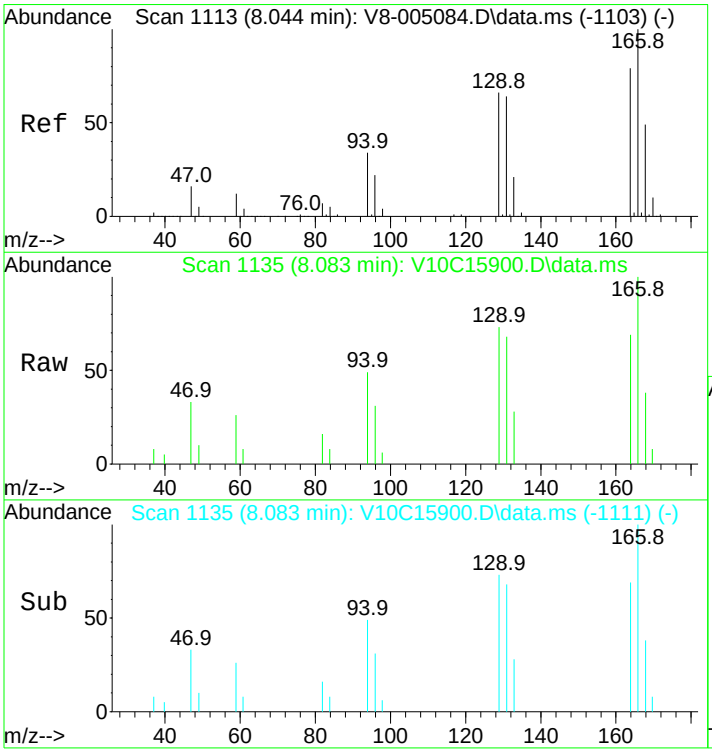


#59
Toluene-d8 (SURR)
Concen: 9.92 ppb
RT: 7.480 min Scan# 1036
Delta R.T. -0.000 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 98 Resp: 829988

Ion	Ratio	Lower	Upper
98	100		
100	66.5	43.1	89.5

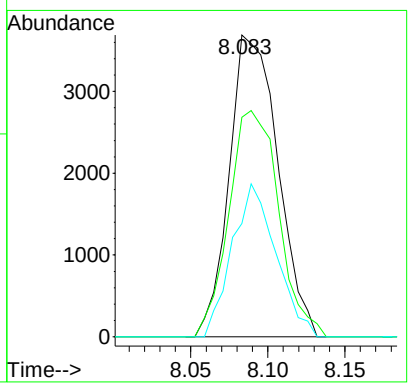


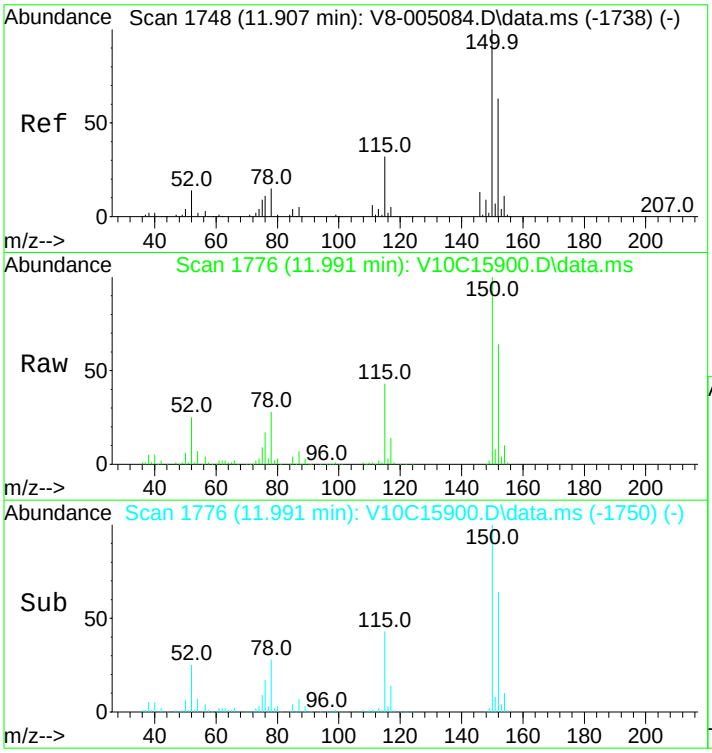


#66
Tetrachloroethylene
Concen: 0.37 ppb
RT: 8.083 min Scan# 1135
Delta R.T. -0.006 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion:166 Resp: 8112

Ion	Ratio	Lower	Upper
166	100		
129	76.8	49.1	101.9
168	45.7	30.8	64.0

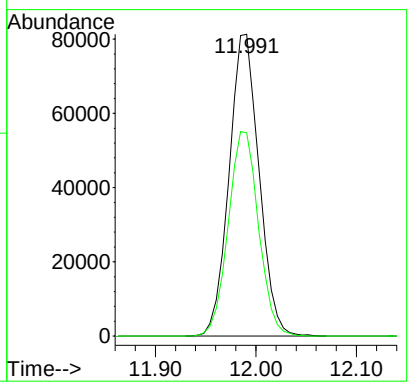


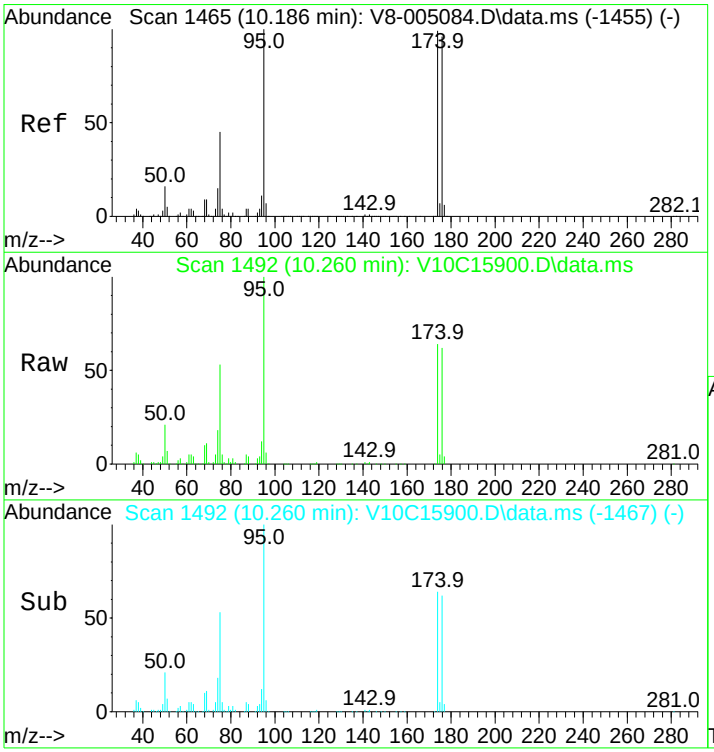


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion:152 Resp: 168647

Ion	Ratio	Lower	Upper
152	100		
115	68.5	43.7	90.9

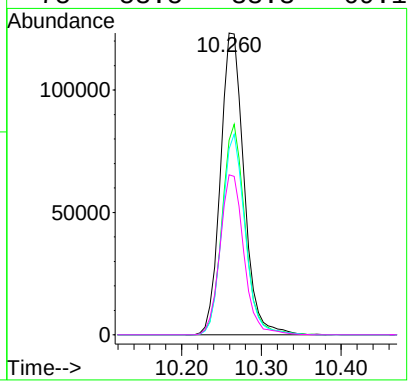




#81
p-Bromofluorobenzene (SURR)
Concen: 10.15 ppb
RT: 10.260 min Scan# 1492
Delta R.T. 0.001 min
Lab File: V10C15900.D
Acq: 30 Sep 2025 6:52 am

Tgt Ion: 95 Resp: 253535

Ion	Ratio	Lower	Upper
95	100		
174	68.2	46.3	96.3
176	65.0	45.1	93.7
75	53.5	33.3	69.1



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

MW-9 20250925

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Ground Water	Laboratory ID:	25I1726-01RE1	File ID:	V10C15992.D
Sampled:	09/25/25 09:55	Prepared:	10/01/25 07:00	Analyzed:	10/02/25 05:11
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025
Instrument:	VOA No. 10				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
156-59-2	cis-1,2-Dichloroethylene	25	246	BD

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	D
SURR: Toluene-d8	10.0	9.84	98.4	81 - 117	D
SURR: p-Bromofluorobenzene	10.0	9.87	98.7	79 - 122	D

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	101794	5.961	102738	5.961	
ISTD: Chlorobenzene-d5	152831	8.991	150550	8.991	
ISTD: 1,2-Dichlorobenzene-d4	200431	11.985	193228	11.985	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C15992.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 2 Oct 2025 5:11 am
Operator : PMB
Sample : 25I1726-01RE1
Misc : 8260 RE1 I 25X Multiplr: 25.00
ALS Vial : 89
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 10:16:02 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

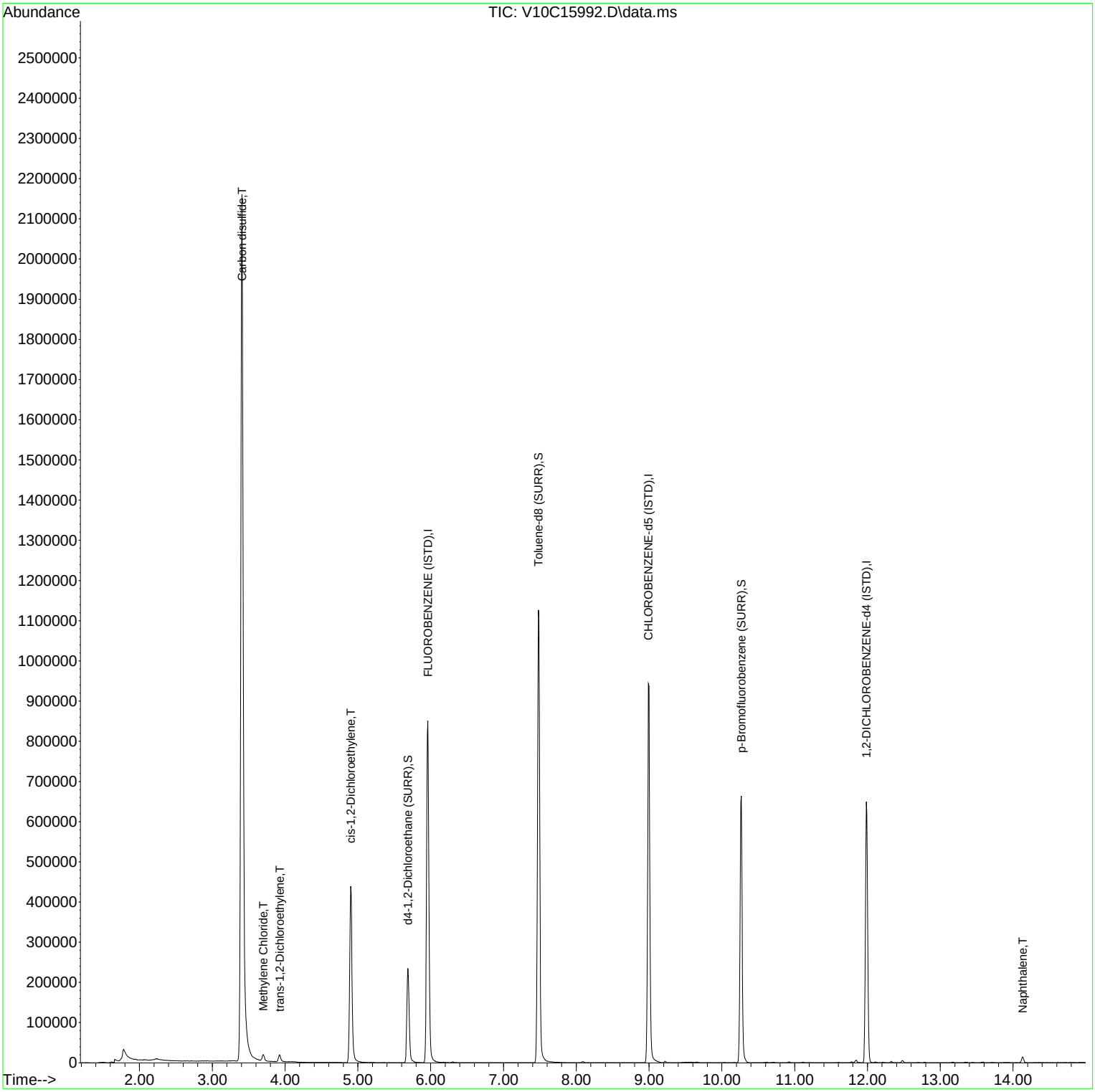
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.961	50	101794	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	152831	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	200431	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	184635	10.48	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.80%			
59) Toluene-d8 (SURR)	7.479	98	888100	9.84	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.40%			
81) p-Bromofluorobenzene (...	10.265	95	292953	9.87	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.70%			
Target Compounds						Qvalue
19) Carbon disulfide	3.407	76	3809646	64.03	ppb	100
23) Methylene Chloride	3.700	49	11793	0.40	ppb	99
25) trans-1,2-Dichloroethy...	3.925	61	11920	0.38	ppb	98
32) cis-1,2-Dichloroethylene	4.901	61	317330	9.82	ppb	89
112) Naphthalene	14.131	128	14317	1.28	ppb	99

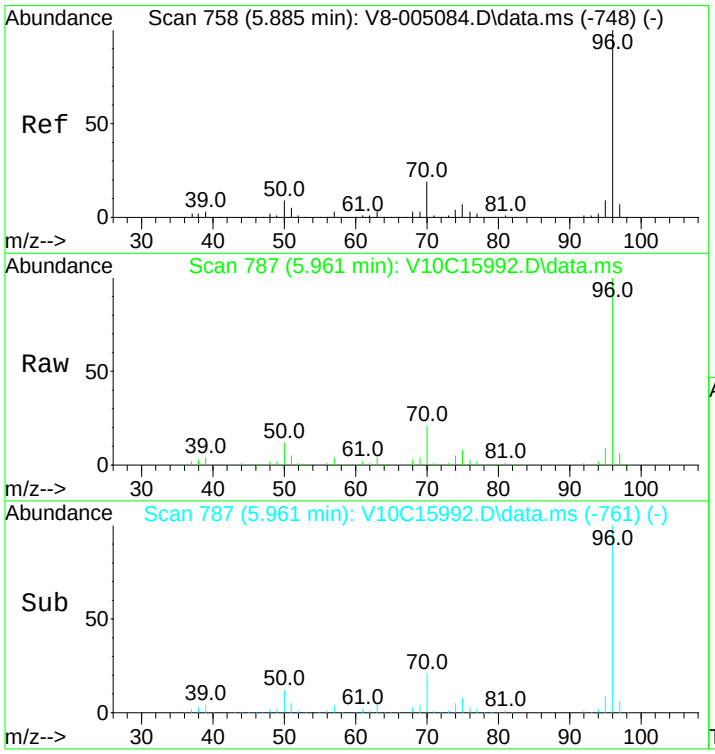
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15992.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 2 Oct 2025 5:11 am
Operator : PMB
Sample : 25I1726-01RE1
Misc : 8260 RE1 I 25X Multiplr: 25.00
ALS Vial : 89
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 10:16:02 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

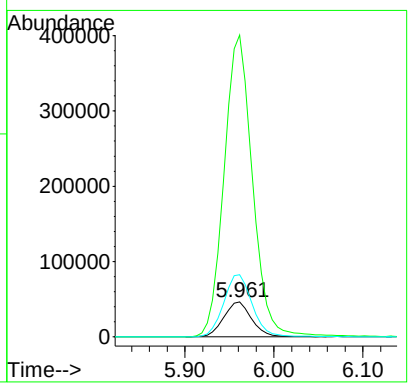


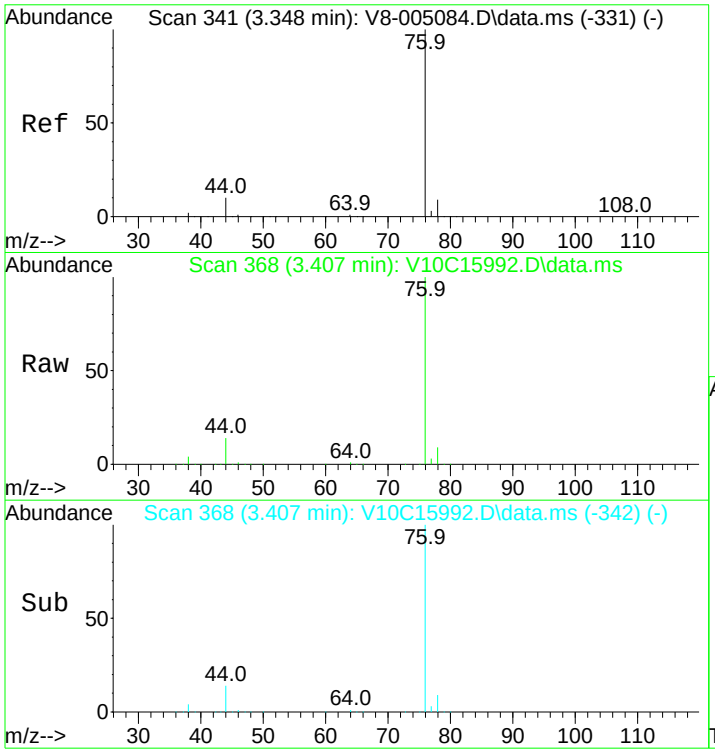


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.961 min Scan# 787
Delta R.T. 0.006 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 50 Resp: 101794

Ion	Ratio	Lower	Upper
50	100		
96	871.8	535.6	1112.4
70	181.6	113.2	235.2

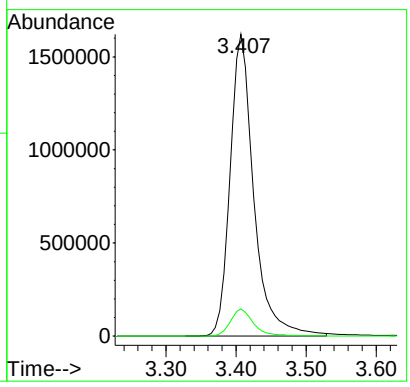


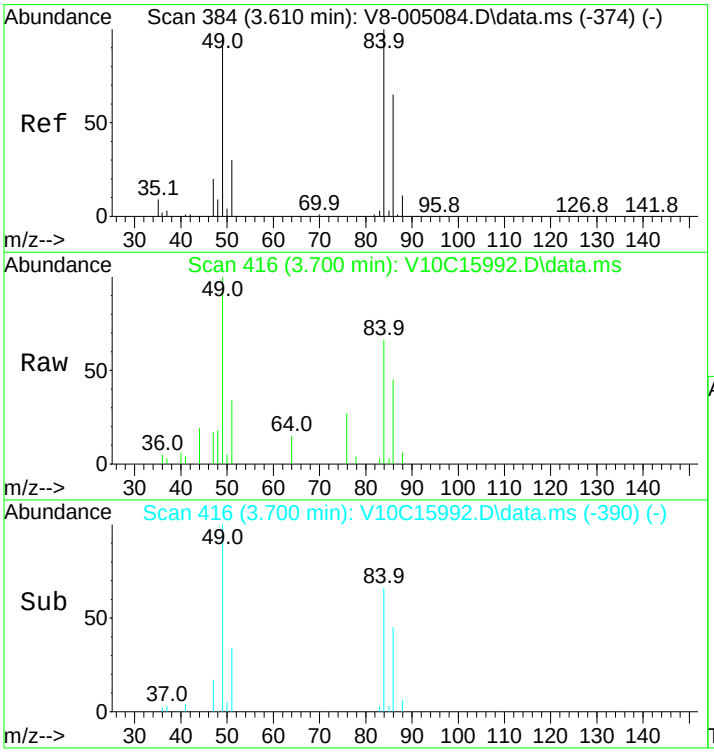


#19
Carbon disulfide
Concen: 64.03 ppb
RT: 3.407 min Scan# 368
Delta R.T. 0.006 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 76 Resp: 3809646

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.2	11.6

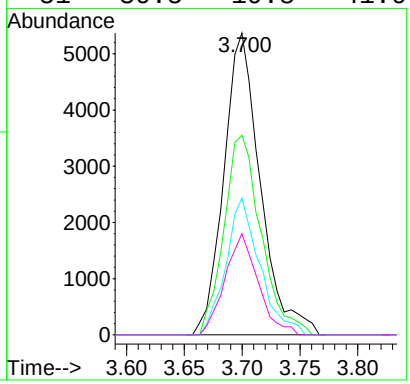


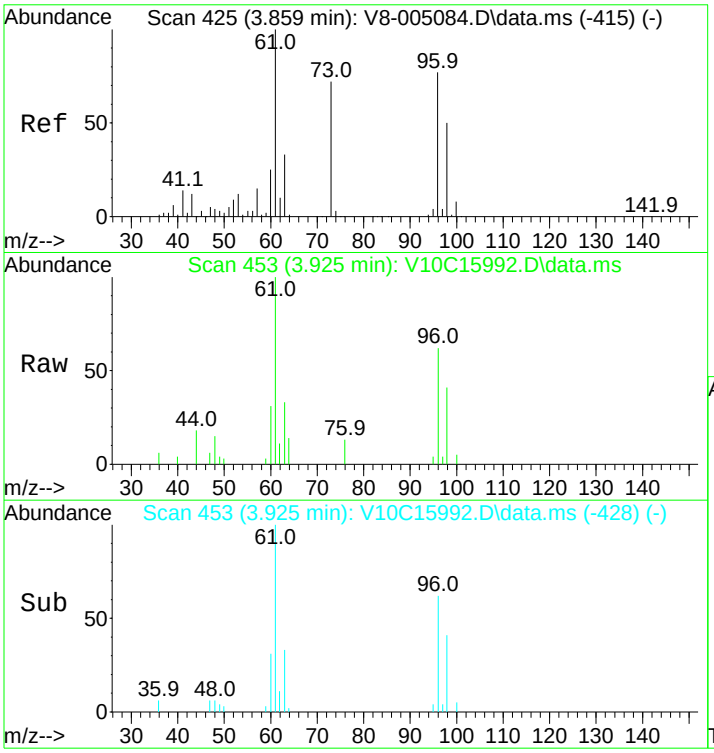


#23
Methylene Chloride
Concen: 0.40 ppb
RT: 3.700 min Scan# 416
Delta R.T. 0.006 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 49 Resp: 11793

Ion	Ratio	Lower	Upper
49	100		
84	67.3	42.5	88.3
86	42.1	26.9	55.9
51	30.5	19.8	41.0

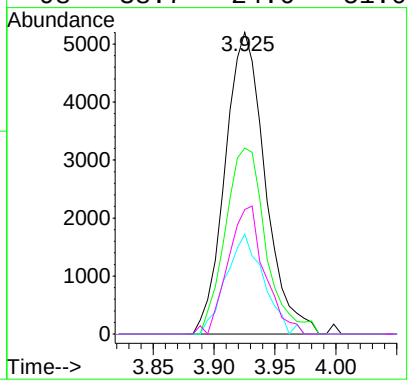


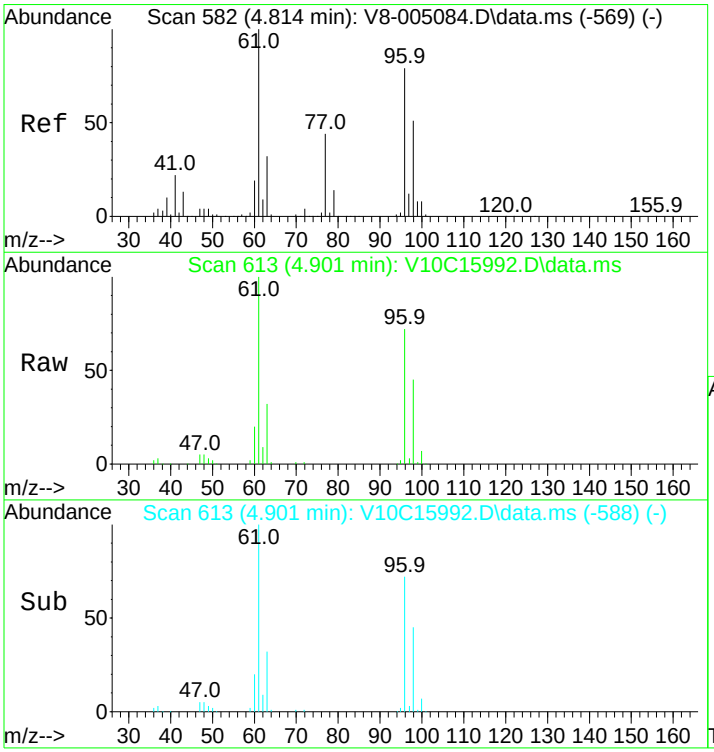


#25
trans-1,2-Dichloroethylene
Concen: 0.38 ppb
RT: 3.925 min Scan# 453
Delta R.T. 0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 61 Resp: 11920

Ion	Ratio	Lower	Upper
61	100		
96	62.6	39.3	81.5
63	31.1	20.7	43.1
98	38.7	24.6	51.0

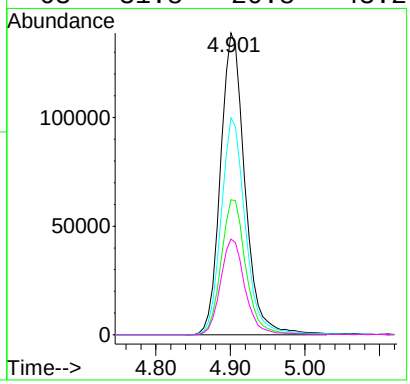


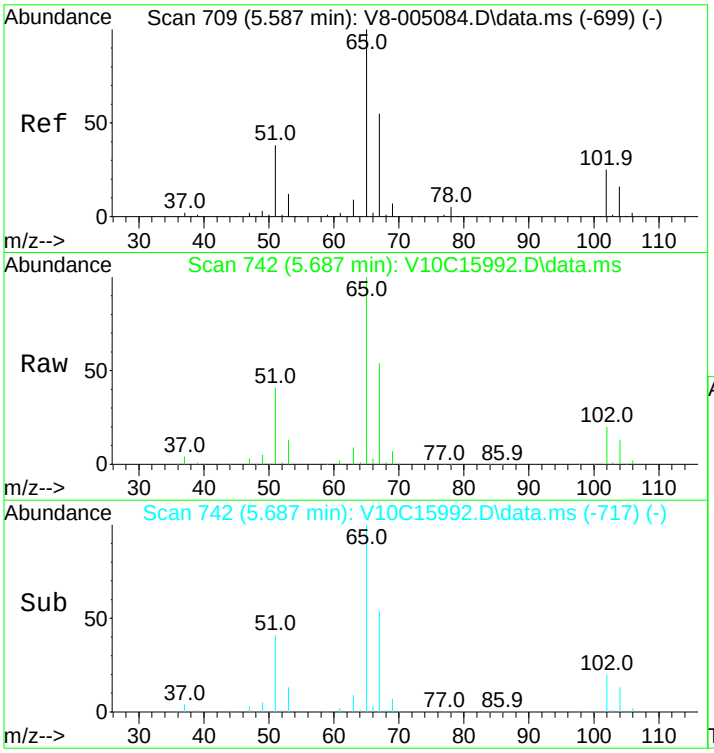


#32
cis-1,2-Dichloroethylene
Concen: 9.82 ppb
RT: 4.901 min Scan# 613
Delta R.T. -0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 61 Resp: 317330

Ion	Ratio	Lower	Upper
61	100		
98	45.4	24.5	50.9
96	71.4	38.5	80.1
63	31.8	20.8	43.2

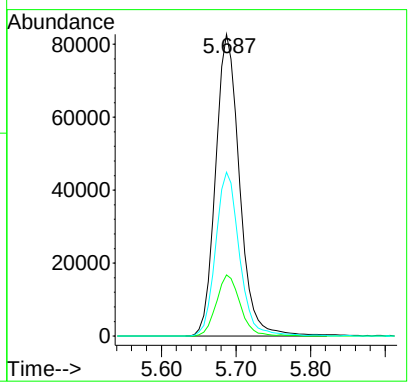


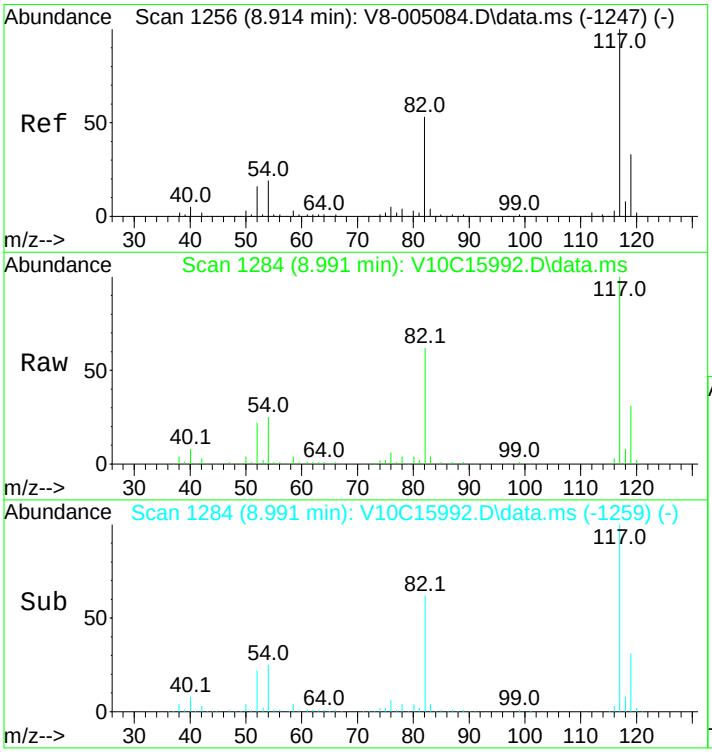


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.48 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 65 Resp: 184635

Ion	Ratio	Lower	Upper
65	100		
102	20.2	13.6	28.2
67	54.0	36.5	75.7

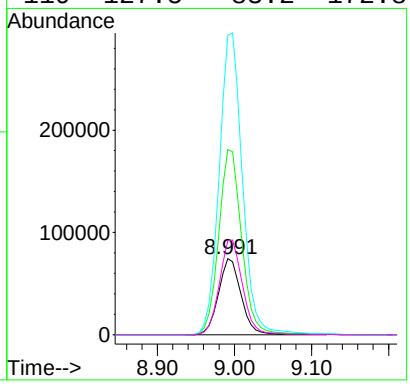


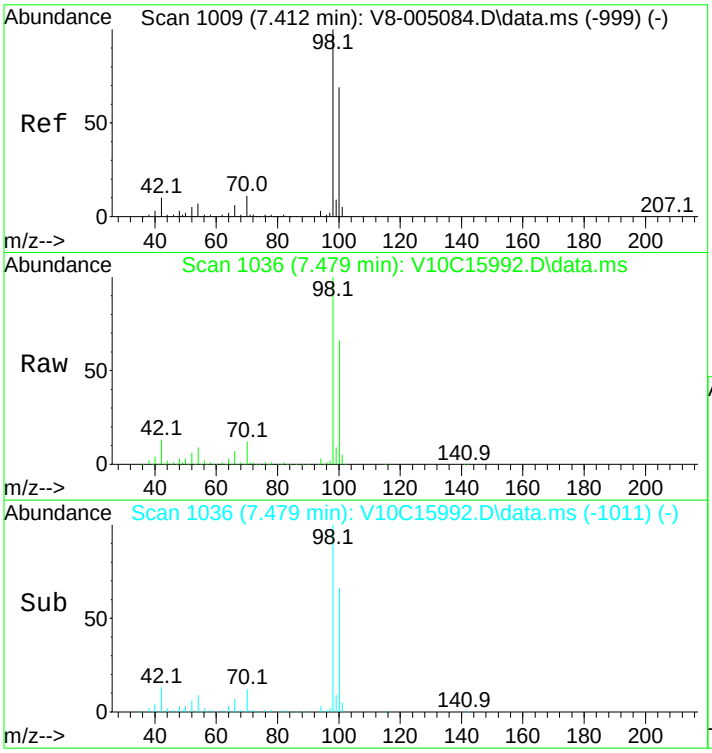


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. 0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 54 Resp: 152831

Ion	Ratio	Lower	Upper
54	100		
82	246.9	162.2	336.8
117	405.9	263.6	547.6
119	127.5	83.2	172.8

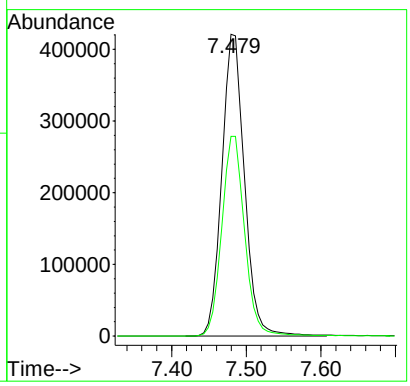


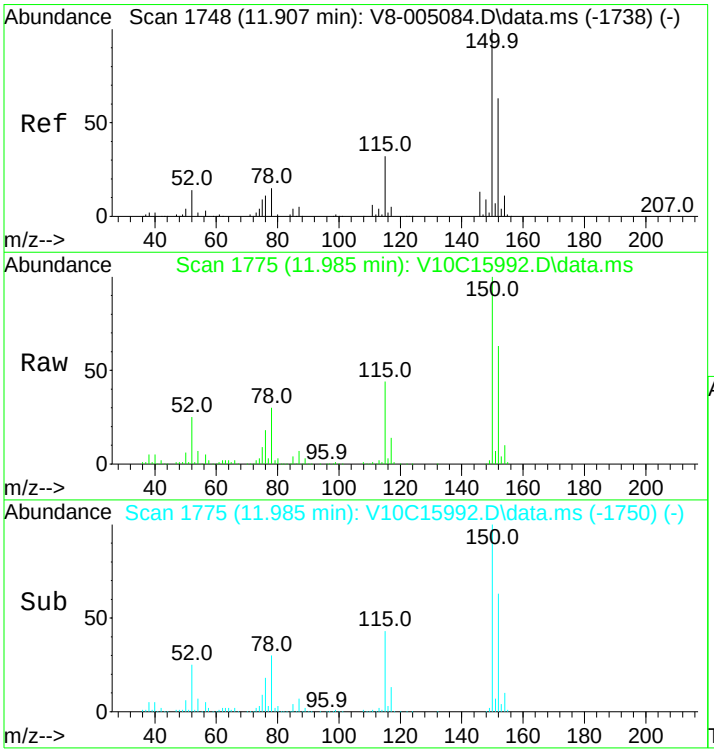


#59
Toluene-d8 (SURR)
Concen: 9.84 ppb
RT: 7.479 min Scan# 1036
Delta R.T. -0.001 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 98 Resp: 888100

Ion	Ratio	Lower	Upper
98	100		
100	66.6	43.1	89.5

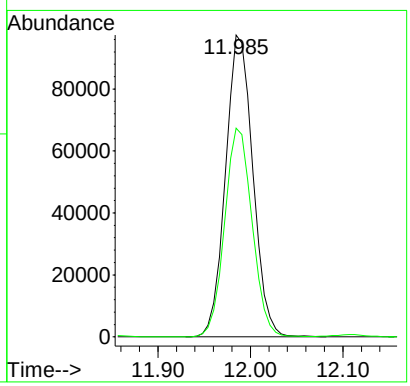


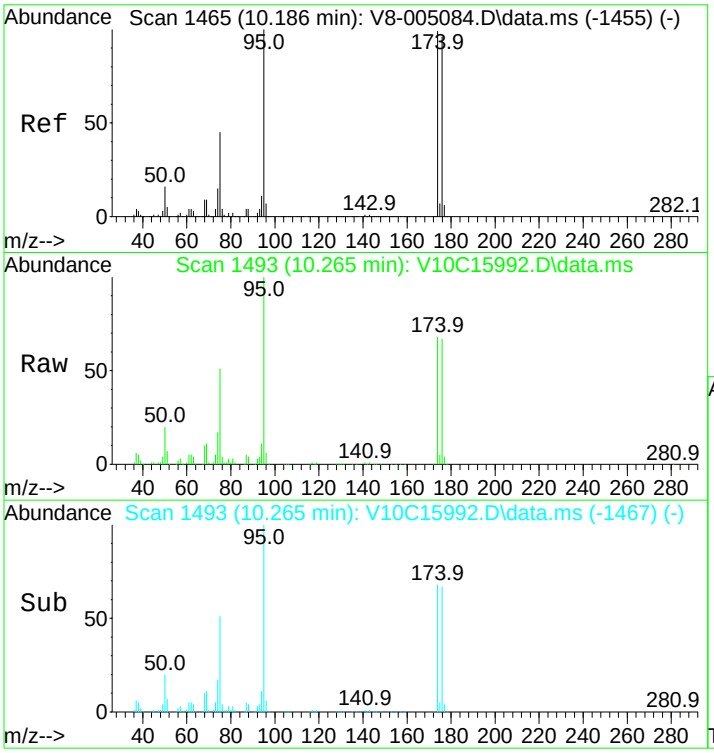


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.985 min Scan# 1775
Delta R.T. -0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion:152 Resp: 200431

Ion	Ratio	Lower	Upper
152	100		
115	69.5	43.7	90.9

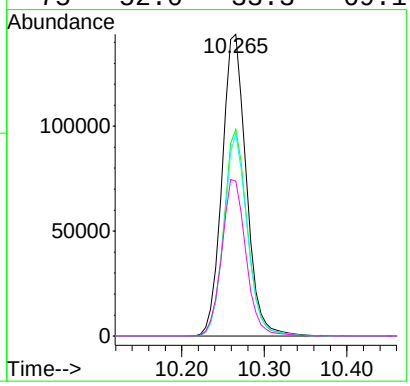


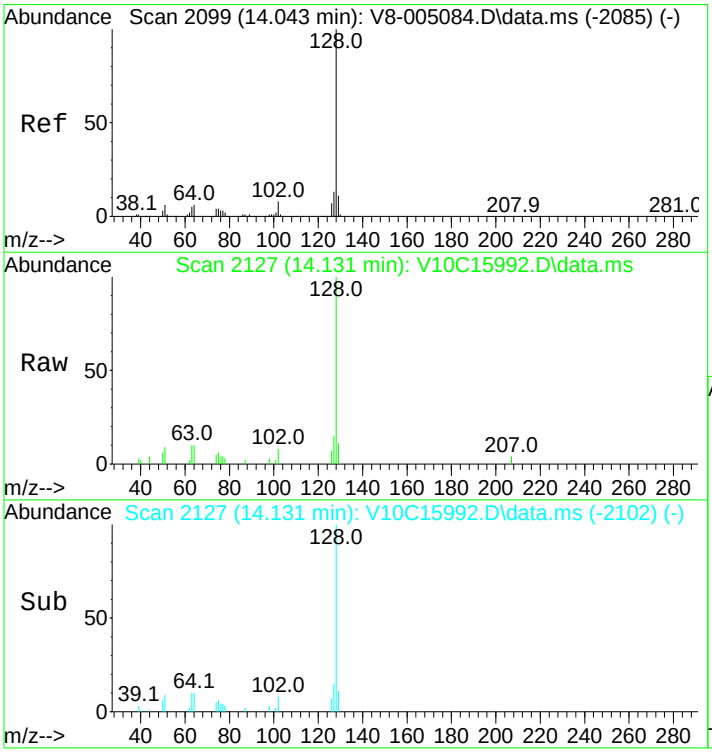


#81
p-Bromofluorobenzene (SURR)
Concen: 9.87 ppb
RT: 10.265 min Scan# 1493
Delta R.T. 0.006 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion: 95 Resp: 292953

Ion	Ratio	Lower	Upper
95	100		
174	67.1	46.3	96.3
176	64.7	45.1	93.7
75	52.0	33.3	69.1

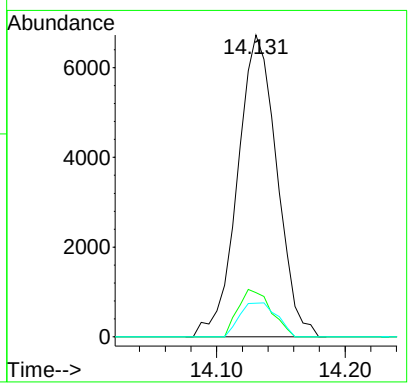




#112
Naphthalene
Concen: 1.28 ppb
RT: 14.131 min Scan# 2127
Delta R.T. -0.000 min
Lab File: V10C15992.D
Acq: 2 Oct 2025 5:11 am

Tgt Ion:128 Resp: 14317

Ion	Ratio	Lower	Upper
128	100		
127	13.2	8.3	17.1
129	10.7	7.1	14.7



FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

TB (20250925)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	25I1726-02	File ID:	V8-007162.D
Sampled:	09/25/25 09:45	Prepared:	09/29/25 07:00	Analyzed:	09/29/25 16:31
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

Instrument: VOA No. 8

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.500	U
71-55-6	1,1,1-Trichloroethane	1	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.500	U
79-00-5	1,1,2-Trichloroethane	1	0.500	U
75-34-3	1,1-Dichloroethane	1	0.500	U
75-35-4	1,1-Dichloroethylene	1	0.500	U
87-61-6	1,2,3-Trichlorobenzene	1	0.500	U
96-18-4	1,2,3-Trichloropropane	1	0.500	U
120-82-1	1,2,4-Trichlorobenzene	1	0.500	U
95-63-6	1,2,4-Trimethylbenzene	1	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.500	U
106-93-4	1,2-Dibromoethane	1	0.500	U
95-50-1	1,2-Dichlorobenzene	1	0.500	U
107-06-2	1,2-Dichloroethane	1	0.500	U
78-87-5	1,2-Dichloropropane	1	0.500	U
108-67-8	1,3,5-Trimethylbenzene	1	0.500	U
541-73-1	1,3-Dichlorobenzene	1	0.500	U
106-46-7	1,4-Dichlorobenzene	1	0.500	U
78-93-3	2-Butanone	1	0.500	U
591-78-6	2-Hexanone	1	0.500	U
108-10-1	4-Methyl-2-pentanone	1	0.500	U
67-64-1	Acetone	1	3.01	B
107-02-8	Acrolein	1	0.500	U
107-13-1	Acrylonitrile	1	0.500	U
71-43-2	Benzene	1	0.500	U
74-97-5	Bromochloromethane	1	0.500	U
75-27-4	Bromodichloromethane	1	0.500	U
75-25-2	Bromoform	1	0.500	U
74-83-9	Bromomethane	1	2.00	U
75-15-0	Carbon disulfide	1	0.500	U
56-23-5	Carbon tetrachloride	1	0.500	U
108-90-7	Chlorobenzene	1	0.500	U
75-00-3	Chloroethane	1	0.500	U
67-66-3	Chloroform	1	0.500	U
74-87-3	Chloromethane	1	0.500	U
156-59-2	cis-1,2-Dichloroethylene	1	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.500	U
110-82-7	Cyclohexane	1	0.500	U
124-48-1	Dibromochloromethane	1	0.500	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260D

TB (20250925)

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	25I1726-02	File ID:	V8-007162.D
Sampled:	09/25/25 09:45	Prepared:	09/29/25 07:00	Analyzed:	09/29/25 16:31
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030
Instrument:	VOA No. 8				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.500	U
75-71-8	Dichlorodifluoromethane	1	0.500	U
100-41-4	Ethyl Benzene	1	0.500	U
87-68-3	Hexachlorobutadiene	1	0.500	U
98-82-8	Isopropylbenzene	1	0.500	U
79-20-9	Methyl acetate	1	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.500	U
108-87-2	Methylcyclohexane	1	0.500	U
75-09-2	Methylene chloride	1	2.00	U
104-51-8	n-Butylbenzene	1	0.500	U
103-65-1	n-Propylbenzene	1	0.500	U
95-47-6	o-Xylene	1	0.500	U
179601-23-1	p- & m- Xylenes	1	1.00	U
99-87-6	p-Isopropyltoluene	1	0.500	U
135-98-8	sec-Butylbenzene	1	0.500	U
100-42-5	Styrene	1	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.00	U
98-06-6	tert-Butylbenzene	1	0.500	U
127-18-4	Tetrachloroethylene	1	0.500	U
108-88-3	Toluene	1	0.500	U
156-60-5	trans-1,2-Dichloroethylene	1	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.500	U
79-01-6	Trichloroethylene	1	0.500	U
75-69-4	Trichlorofluoromethane	1	0.500	U
75-01-4	Vinyl Chloride	1	0.500	U
1330-20-7	Xylenes, Total	1	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
SURR: Toluene-d8	10.0	11.9	119	81 - 117	*
SURR: p-Bromofluorobenzene	10.0	10.4	104	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	88429	5.733	102089	5.727	
ISTD: Chlorobenzene-d5	129733	8.756	169540	8.75	
ISTD: 1,2-Dichlorobenzene-d4	225731	11.737	340168	11.737	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007162.D
Acq On : 29 Sep 2025 4:31 pm
Operator : PMB
InstName : VOA No. 8
Sample : 25I1726-02 A
Misc : 8260
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 10:13:37 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

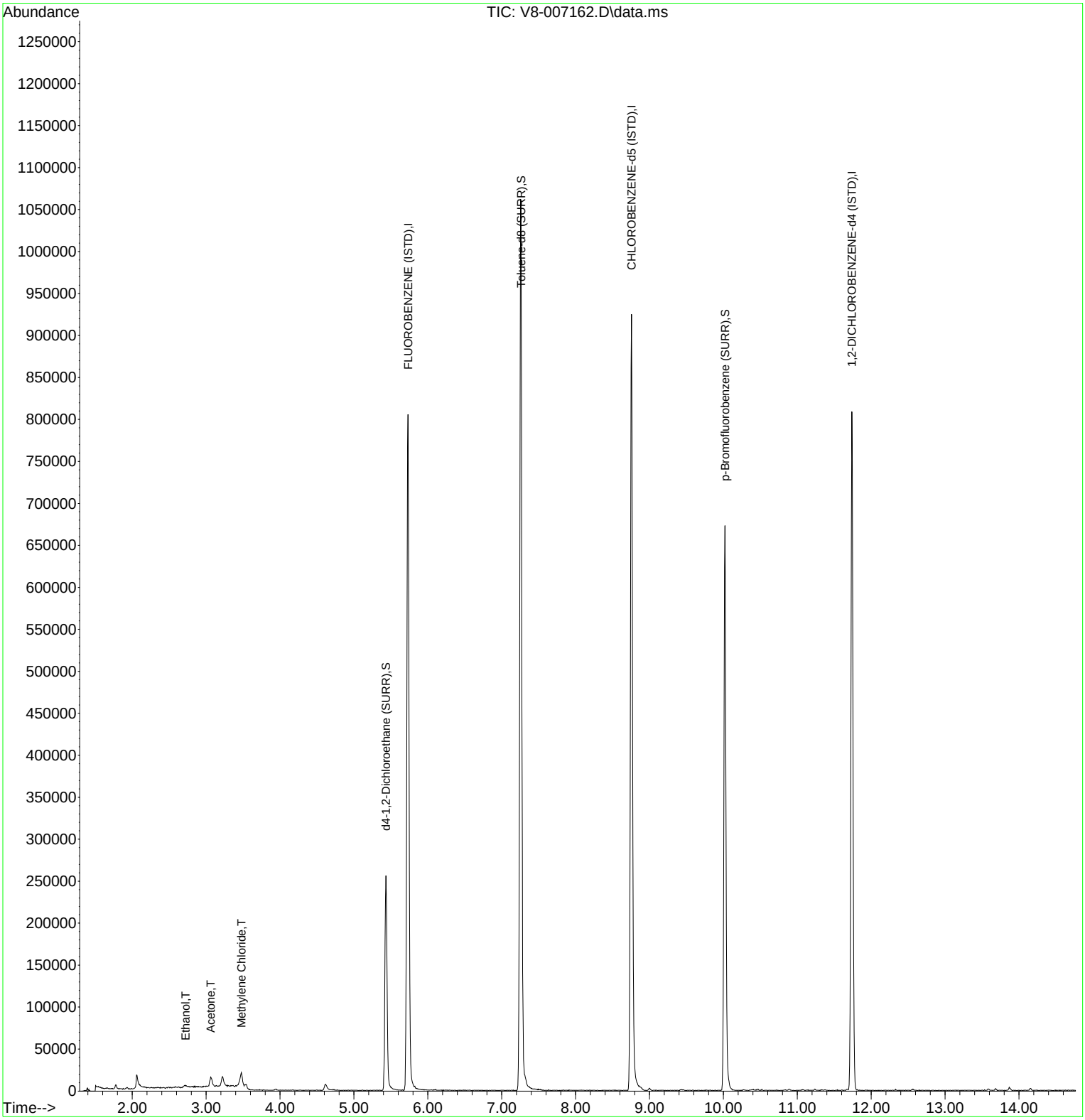
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.733	50	88429	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	129733	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.737	152	225731	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.434	65	182734	10.12	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.20%			
59) Toluene-d8 (SURR)	7.260	98	797512	11.93	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 119.30%#			
81) p-Bromofluorobenzene (...	10.022	95	240600	10.43	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 104.30%			
Target Compounds						Qvalue
12) Ethanol	2.721	45	3249	28.58	ppb	# 58
17) Acetone	3.062	58	4595	3.01	ppb	81
23) Methylene Chloride	3.476	49	8436	0.21	ppb	98

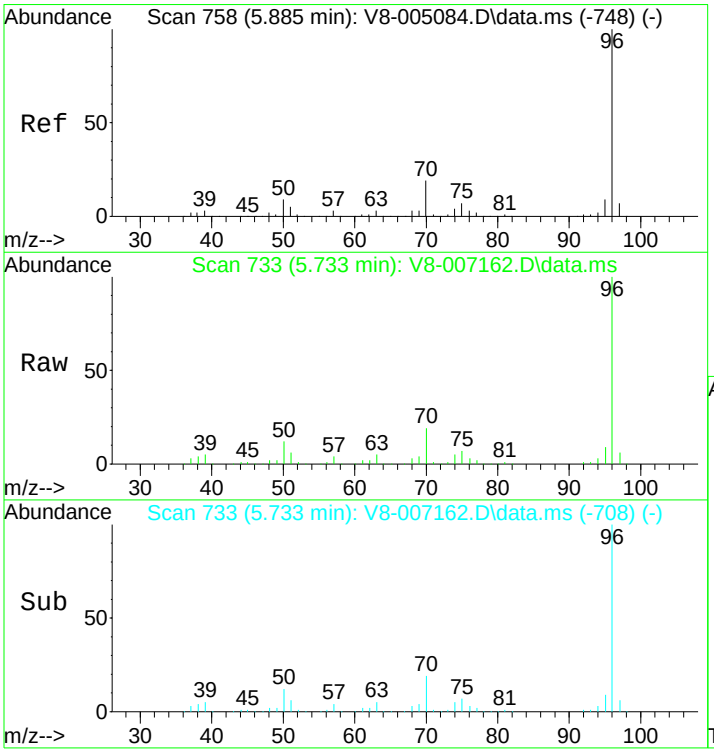
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007162.D
Acq On : 29 Sep 2025 4:31 pm
Operator : PMB
InstName : VOA No. 8
Sample : 25I1726-02 A
Misc : 8260
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 10:13:37 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

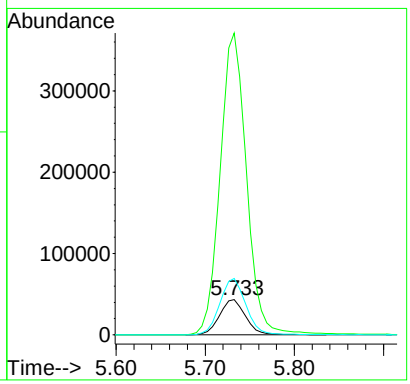


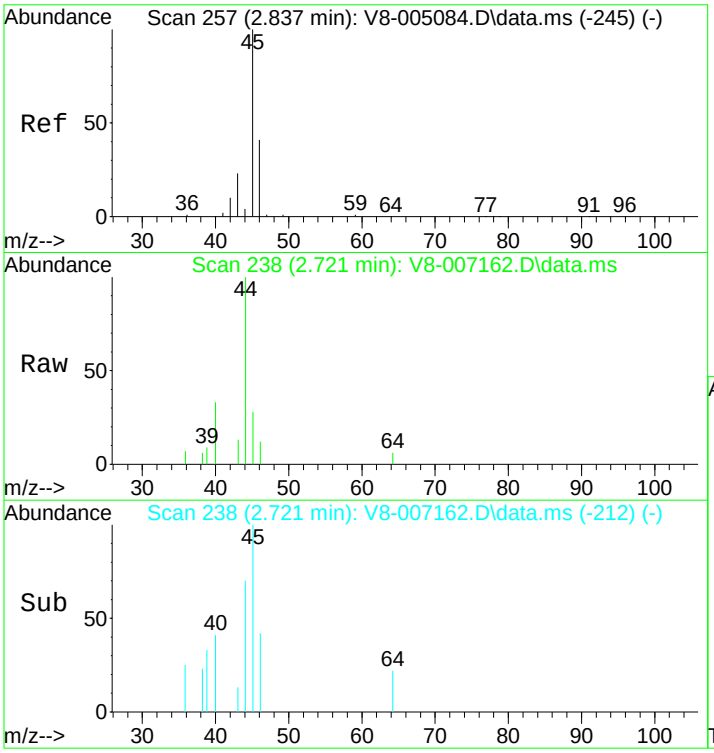


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.733 min Scan# 733
Delta R.T. -0.000 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 50 Resp: 88429

Ion	Ratio	Lower	Upper
50	100		
96	863.2	549.6	1141.6
70	160.3	107.6	223.6

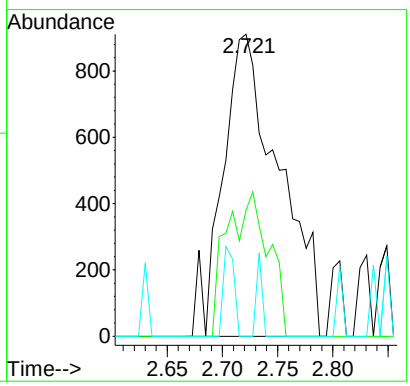


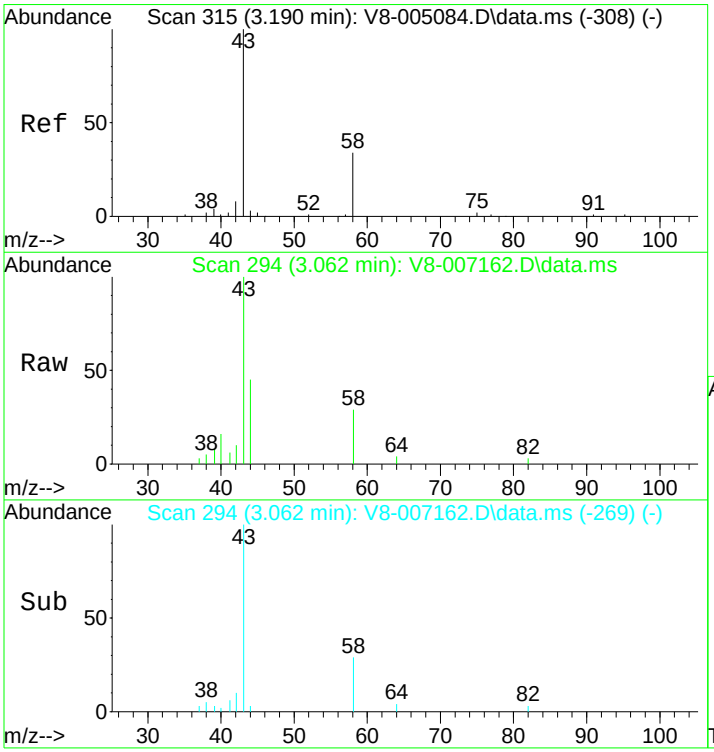


#12
Ethanol
Concen: 28.58 ppb
RT: 2.721 min Scan# 238
Delta R.T. 0.006 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 45 Resp: 3249

Ion	Ratio	Lower	Upper
45	100		
46	35.5	47.6	98.8#
42	2.8	5.5	11.5#

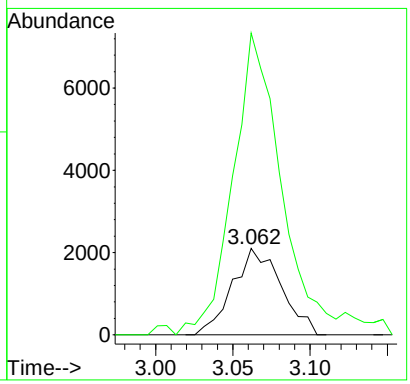


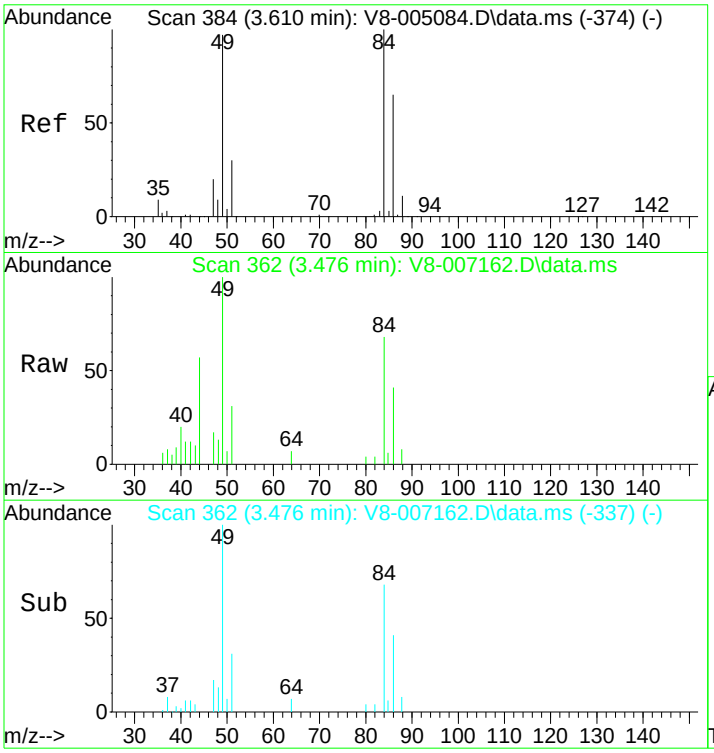


#17
Acetone
Concen: 3.01 ppb
RT: 3.062 min Scan# 294
Delta R.T. -0.000 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 58 Resp: 4595

Ion	Ratio	Lower	Upper
58	100		
43	359.9	209.1	434.3

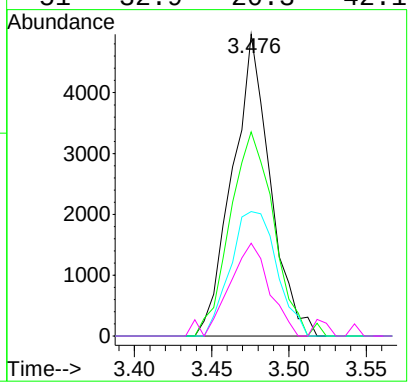


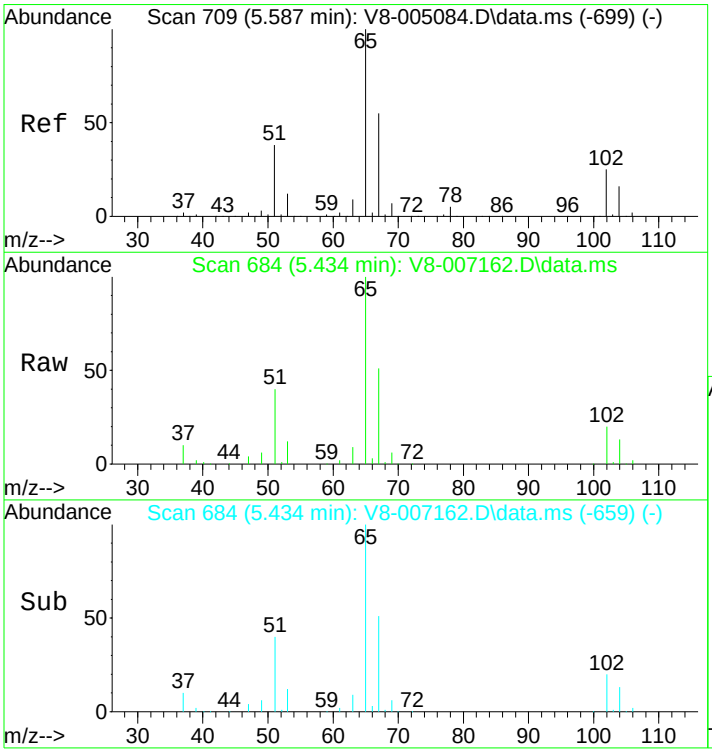


#23
Methylene Chloride
Concen: 0.21 ppb
RT: 3.476 min Scan# 362
Delta R.T. -0.000 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 49 Resp: 8436

Ion	Ratio	Lower	Upper
49	100		
84	78.4	52.1	108.3
86	50.7	33.6	69.8
51	32.9	20.3	42.1

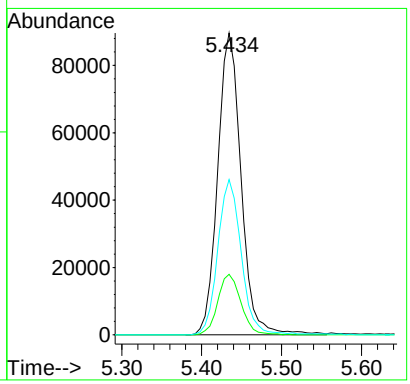


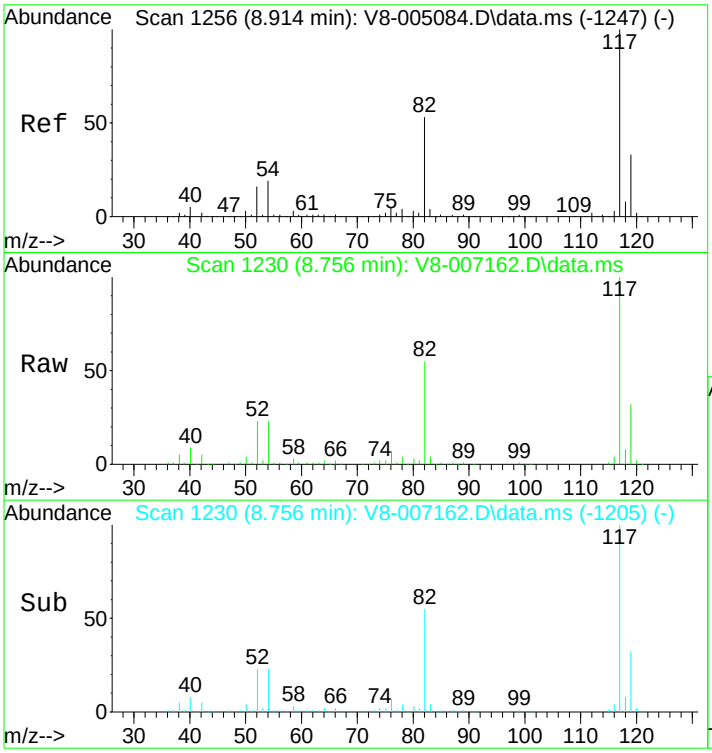


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.12 ppb
RT: 5.434 min Scan# 684
Delta R.T. -0.001 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 65 Resp: 182734

Ion	Ratio	Lower	Upper
65	100		
102	19.9	12.5	25.9
67	51.8	33.8	70.2

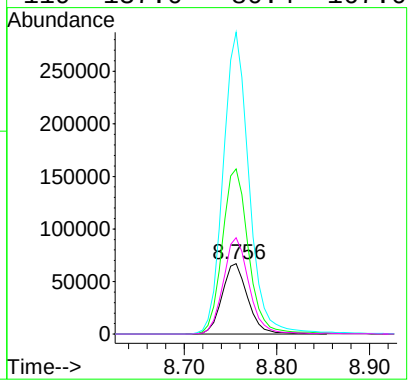


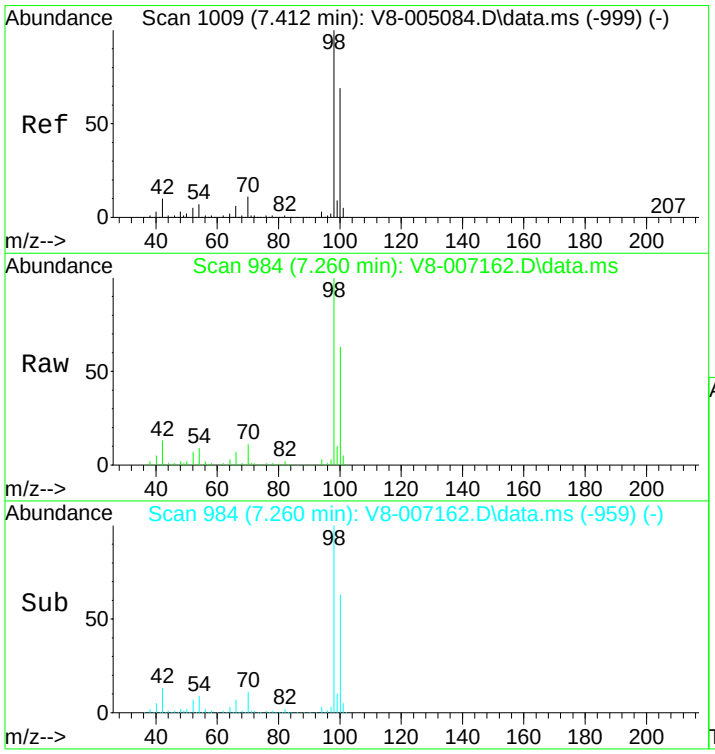


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.756 min Scan# 1230
Delta R.T. 0.000 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 54 Resp: 129733

Ion	Ratio	Lower	Upper
54	100		
82	239.6	145.2	301.6
117	430.3	248.6	516.2
119	137.0	80.4	167.0

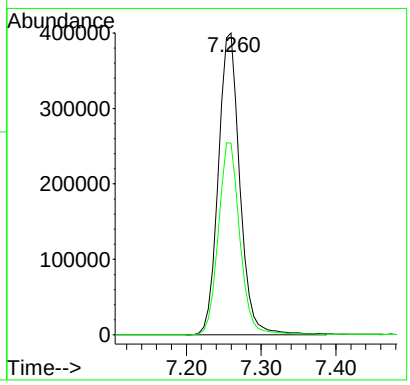


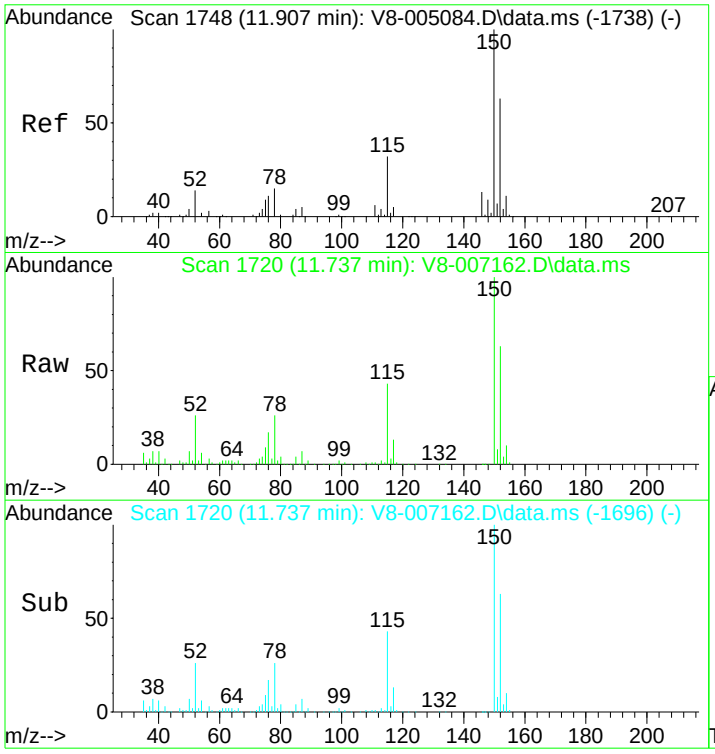


#59
Toluene-d8 (SURR)
Concen: 11.93 ppb
RT: 7.260 min Scan# 984
Delta R.T. -0.000 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 98 Resp: 797512

Ion	Ratio	Lower	Upper
98	100		
100	63.7	41.4	86.0

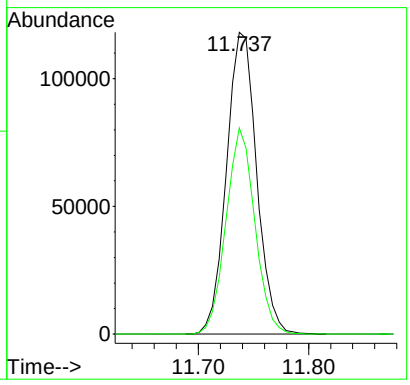


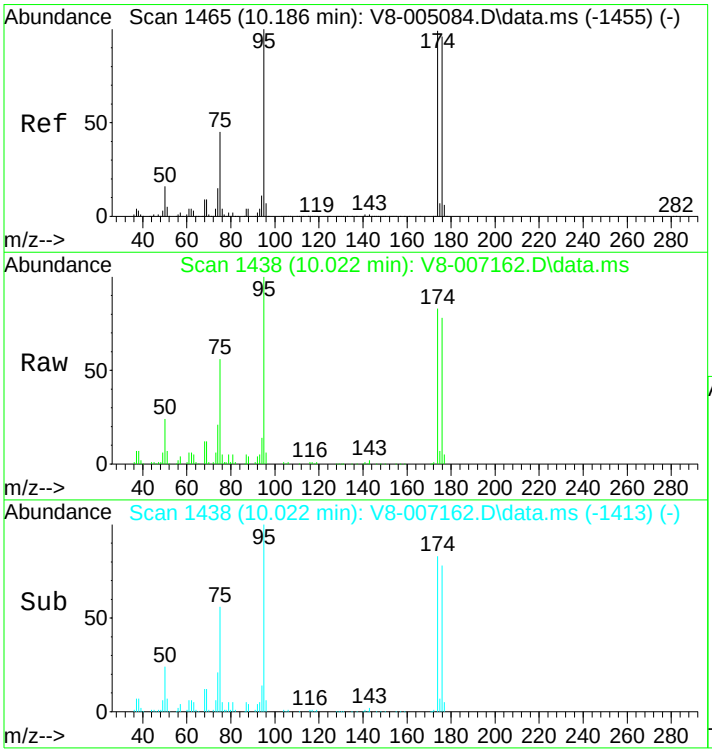


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.737 min Scan# 1720
Delta R.T. -0.006 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion:152 Resp: 225731

Ion	Ratio	Lower	Upper
152	100		
115	65.1	45.3	94.1

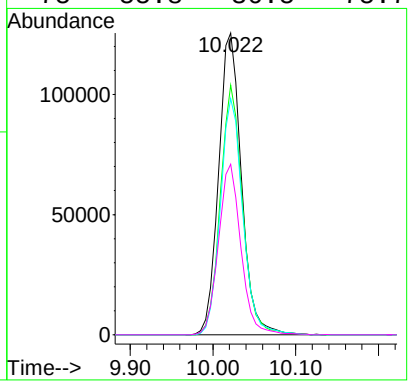




#81
p-Bromofluorobenzene (SURR)
Concen: 10.43 ppb
RT: 10.022 min Scan# 1438
Delta R.T. -0.001 min
Lab File: V8-007162.D
Acq: 29 Sep 2025 4:31 pm

Tgt Ion: 95 Resp: 240600

Ion	Ratio	Lower	Upper
95	100		
174	80.7	49.3	102.3
176	77.3	46.9	97.3
75	55.8	36.5	75.7



FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50025

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.1	~~0.9379811~~	0.25	~~0.9714162~~	0.5	0.9774681	1	0.8235139	2	0.8954645	4	0.9017749
1,1,1-Trichloroethane	0.1	~~2.713144~~	0.25	~~2.922875~~	0.5	2.837789	1	2.506035	2	2.61247	4	2.750054
1,1,2,2-Tetrachloroethane	0.1	~~0.5937977~~	0.25	~~0.5202637~~	0.5	0.5923266	1	0.5006262	2	0.5330872	4	0.521343
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	0.1	~~1.749717~~	0.25	~~1.995752~~	0.5	1.933063	1	1.692979	2	1.740302	4	1.729134
1,1,2-Trichloroethane	0.1	~~0.7894077~~	0.25	~~0.6769696~~	0.5	0.7698581	1	0.6209006	2	0.6777161	4	0.6590823
1,1-Dichloroethane	0.1	~~3.999583~~	0.25	~~4.206416~~	0.5	4.261012	1	3.584017	2	3.833968	4	3.890014
1,1-Dichloroethylene	0.1	~~3.481~~	0.25	~~3.503264~~	0.5	3.496413	1	2.94966	2	3.12772	4	3.2539
1,1-Dichloropropylene	0.1	~~3.165201~~	0.25	~~3.180583~~	0.5	3.278047	1	2.78546	2	2.934926	4	3.049712
1,2,3-Trichlorobenzene	0.1	~~0.1731134~~	0.25	~~0.1483421~~	0.5	0.1497476	1	0.1261409	2	0.1285152	4	0.1240247
1,2,3-Trichloropropane	0.1	~~0.1372808~~	0.25	~~0.1246849~~	0.5	0.1618718	1	0.1238638	2	0.131368	4	0.1420066
1,2,3-Trimethylbenzene	0.1	~~2.920591~~	0.25	~~2.814427~~	0.5	2.958579	1	2.550618	2	2.827595	4	2.856529
1,2,4,5-Tetramethylbenzene	0.1	~~1.612003~~	0.25	~~1.431065~~	0.5	1.543011	1	1.390918	2	1.556376	4	1.694248
1,2,4-Trichlorobenzene	0.1	~~0.3238897~~	0.25	~~0.3028893~~	0.5	0.3079173	1	0.2533255	2	0.2761274	4	0.265275
1,2,4-Trimethylbenzene	0.1	~~3.549291~~	0.25	~~3.094629~~	0.5	3.181812	1	2.808924	2	3.07114	4	3.132499
1,2-Dibromo-3-chloropropa ne	0.1	~~0~~	0.25	~~0~~	0.5	4.275858E-02	1	5.000095E-02	2	5.441446E-02	4	5.455789E-02
1,2-Dibromoethane	0.1	~~0.6181606~~	0.25	~~0.5893617~~	0.5	0.6546357	1	0.5419061	2	0.5837094	4	0.5689019
1,2-Dichlorobenzene	0.1	~~1.36862~~	0.25	~~1.199922~~	0.5	1.235556	1	1.050732	2	1.10029	4	1.078062
1,2-Dichloroethane	0.1	~~2.511963~~	0.25	~~2.029176~~	0.5	2.101407	1	1.551608	2	1.773446	4	1.716742
1,2-Dichloropropane	0.1	~~1.696361~~	0.25	~~1.643935~~	0.5	1.643055	1	1.422074	2	1.438708	4	1.449989
1,3,5-Trimethylbenzene	0.1	~~3.316146~~	0.25	~~3.373085~~	0.5	3.509257	1	3.076861	2	3.276396	4	3.346218
1,3-Dichlorobenzene	0.1	~~1.562675~~	0.25	~~1.475664~~	0.5	1.544214	1	1.29993	2	1.38507	4	1.394737
1,3-Dichloropropane	0.1	~~1.483347~~	0.25	~~1.472467~~	0.5	1.540182	1	1.241973	2	1.358325	4	1.315991
1,4-Dichlorobenzene	0.1	~~1.407245~~	0.25	~~1.472562~~	0.5	1.482112	1	1.25676	2	1.341595	4	1.362447
1,4-Dioxane	2.5	~~4.558636E-03~~	6.25	5.425126E-03	12.5	6.724608E-03	25	4.853095E-03	50	5.03876E-03	100	4.904719E-03
2,2-Dichloropropane	0.1	~~2.788487~~	0.25	~~2.849155~~	0.5	2.948254	1	2.479041	2	2.623132	4	2.738438
2-Butanone	0.1	~~0~~	0.25	~~3.561053E-02~~	0.5	8.657662E-02	1	7.527437E-02	2	9.024766E-02	4	9.370052E-02
2-Chloroethylvinyl ether	0.1	~~0~~	0.25	~~0~~	0.5	6.524221E-03	1	1.134222E-02	2	2.976397E-02	4	1.966434E-02
2-Chlorotoluene	0.1	~~3.709374~~	0.25	~~3.642234~~	0.5	3.639754	1	3.169842	2	3.381429	4	3.434963
2-Hexanone	0.1	~~0.3532346~~	0.25	~~0.3197451~~	0.5	0.3660554	1	0.3095051	2	0.323817	4	0.3147431
2-Nitropropane	0.5	0.1527501	1.25	0.1419528	2.5	0.1675094	5	0.1304928	10	0.147605	20	0.1420237

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50025

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	0.1	~~3.145359~~	0.25	~~3.247625~~	0.5	3.182922	1	2.794692	2	2.980818	4	2.999028
4-Methyl-2-pentanone	0.1	~~0.5751996~~	0.25	~~0.5167456~~	0.5	0.5848498	1	0.4586725	2	0.500781	4	0.475269
Acetone	0.1	~~0.694116~~	0.25	~~0.2520851~~	0.5	0.1980039	1	0.1369747	2	0.1207961	4	0.1068874
Acrolein	0.4	0.1775366	1	0.131431	2	0.1380817	4	0.1066451	8	0.1106832	16	0.1103532
Acrylonitrile	0.5	0.3210888	1.25	0.3231812	2.5	0.3545152	5	0.2842379	10	0.3042944	20	0.2864121
Allyl chloride	0.1	~~4.324199~~	0.25	~~4.013682~~	0.5	4.216923	1	3.502958	2	3.687695	4	3.761884
Benzene	0.1	~~9.508428~~	0.25	~~8.992597~~	0.5	9.250872	1	7.741383	2	8.285215	4	8.390423
Bromobenzene	0.1	~~1.710659~~	0.25	~~1.747528~~	0.5	1.698126	1	1.447086	2	1.493144	4	1.543862
Bromochloromethane	0.1	~~1.583803~~	0.25	~~1.556868~~	0.5	1.611608	1	1.261926	2	1.372643	4	1.349459
Bromodichloromethane	0.1	~~1.629533~~	0.25	~~1.502217~~	0.5	1.514901	1	1.336606	2	1.416464	4	1.404992
Bromoform	0.1	~~0.2529924~~	0.25	~~0.2415071~~	0.5	0.295687	1	0.2332029	2	0.2771896	4	0.2849198
Bromomethane	0.1	~~0.4304161~~	0.25	~~0.4138944~~	0.5	0.4155678	1	0.3510747	2	0.4035588	4	0.4335763
Carbon disulfide	0.1	~~8.241225~~	0.25	~~6.938431~~	0.5	6.59794	1	5.521792	2	5.868254	4	5.897624
Carbon tetrachloride	0.1	~~2.164905~~	0.25	~~2.301253~~	0.5	2.240571	1	1.947339	2	2.107962	4	2.232503
Chlorobenzene	0.1	~~3.817559~~	0.25	~~3.573415~~	0.5	3.577603	1	3.044412	2	3.238025	4	3.160972
Chloroethane	0.1	~~1.396247~~	0.25	~~1.539999~~	0.5	1.483346	1	1.276348	2	1.2915	4	1.270397
Chloroform	0.1	~~3.81844~~	0.25	~~3.586356~~	0.5	3.565674	1	2.905699	2	3.109471	4	3.145362
Chloromethane	0.1	~~2.970432~~	0.25	~~2.896323~~	0.5	2.820474	1	2.290315	2	2.394398	4	2.433966
cis-1,2-Dichloroethylene	0.1	~~3.5339~~	0.25	~~3.339268~~	0.5	3.46579	1	2.887497	2	3.079801	4	3.156083
cis-1,3-Dichloropropylene	0.1	~~1.862239~~	0.25	~~1.705307~~	0.5	1.873966	1	1.595644	2	1.699757	4	1.787821
cis-decahydronaphthalene	0.1	~~0.2391944~~	0.25	~~0.2257126~~	0.5	0.260346	1	0.2164178	2	0.2577378	4	0.2675318
Cyclohexane	0.1	~~4.764233~~	0.25	~~4.679661~~	0.5	4.771173	1	4.14387	2	4.254379	4	4.552521
Dibromochloromethane	0.1	~~0.6891655~~	0.25	~~0.695475~~	0.5	0.7130042	1	0.5966122	2	0.6690385	4	0.6714719
Dibromomethane	0.1	~~0.5370121~~	0.25	~~0.5125292~~	0.5	0.5255493	1	0.4450962	2	0.472579	4	0.4521236
Dichlorodifluoromethane	0.1	~~2.6899~~	0.25	~~2.802924~~	0.5	2.815824	1	2.20864	2	2.289176	4	2.364849
Diisopropyl ether (DIPE)	0.1	~~7.328294~~	0.25	~~6.764127~~	0.5	7.049741	1	5.789725	2	6.298688	4	6.28062
Ethanol	4	~~5.193848E-02~~	10	~~3.930435E-02~~	20	4.219808E-02	40	3.340108E-02	80	3.473038E-02	160	3.319795E-02
Ethyl Benzene	0.1	~~8.092772~~	0.25	~~7.530525~~	0.5	7.311322	1	6.161403	2	6.49731	4	6.501864
Ethyl Ether	0.1	~~1.580597~~	0.25	~~1.331959~~	0.5	1.434446	1	1.105978	2	1.20285	4	1.159333
Ethyl Methacrylate	0.1	~~0.9415612~~	0.25	~~0.8641317~~	0.5	0.9213132	1	0.7773431	2	0.887163	4	0.8913176
Ethyl tert-butyl ether (ETBE)	0.1	~~5.429494~~	0.25	~~4.87427~~	0.5	5.114754	1	4.244673	2	4.670716	4	4.625695

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50025

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	0.1	~~0.3502641~~	0.25	~~0.4307625~~	0.5	~~0.4372119~~	1	0.2723297	2	0.2951817	4	0.2811414
Freon 123	0.1	~~2.884669~~	0.25	~~2.975666~~	0.5	2.952583	1	2.512359	2	2.631358	4	2.727877
Freon 152a	0.1	~~2.402956~~	0.25	~~2.219723~~	0.5	2.463425	1	1.823244	2	1.971272	4	1.976104
Freon 22	0.1	~~2.866234~~	0.25	~~3.200575~~	0.5	2.891018	1	2.507038	2	2.611432	4	2.668963
Hexachlorobutadiene	0.1	~~0.1703213~~	0.25	~~0.1526081~~	0.5	0.1639079	1	0.1261884	2	0.1407279	4	0.1399299
Hexachloroethane	0.1	~~0.3522765~~	0.25	~~0.3492341~~	0.5	0.3690935	1	0.3012391	2	0.3547549	4	0.3699253
Iodomethane	0.1	~~0.4793088~~	0.25	~~0.5294724~~	0.5	0.6138923	1	0.6340478	2	0.8276429	4	0.9524993
Isopropylbenzene	0.1	~~4.61915~~	0.25	~~4.664146~~	0.5	4.657631	1	4.297567	2	4.581471	4	4.790255
Limonene	0.1	~~0.7873869~~	0.25	~~0.8074462~~	0.5	0.8982077	1	0.8027667	2	0.9206369	4	0.9835066
Methyl acetate	0.1	~~1.481208~~	0.25	~~0.8715209~~	0.5	0.9653293	1	0.6933572	2	0.7409892	4	0.6932765
Methyl Methacrylate	0.1	~~0.4081292~~	0.25	~~0.4003256~~	0.5	0.4839574	1	0.397837	2	0.4348895	4	0.4257671
Methyl tert-butyl ether (MTBE)	0.1	~~4.225612~~	0.25	~~3.479836~~	0.5	3.919676	1	3.029099	2	3.306818	4	3.139117
Methylcyclohexane	0.1	~~3.016218~~	0.25	~~3.084077~~	0.5	3.027239	1	2.629161	2	2.71312	4	2.810097
Methylene chloride	0.1	~~71.67269~~	0.25	~~21.45222~~	0.5	12.34005	1	6.987868	2	4.998483	4	3.828316
Naphthalene	0.1	~~1.070325~~	0.25	~~0.7281365~~	0.5	0.6268481	1	0.4750565	2	0.4707275	4	0.4857753
n-butyl acetate	0.1	~~1.007196~~	0.25	~~0.8517167~~	0.5	1.008458	1	0.7839307	2	0.8954067	4	0.8719658
n-Butylbenzene	0.1	~~2.921522~~	0.25	~~2.915067~~	0.5	3.112861	1	2.755081	2	3.008073	4	3.038004
n-Decane	0.1	~~0.5975206~~	0.25	~~0.4618965~~	0.5	0.4974618	1	0.4250555	2	0.4674503	4	0.4894005
n-Hexane	0.1	~~4.673661~~	0.25	~~4.68997~~	0.5	4.513848	1	3.721685	2	3.823666	4	3.922852
Nitrobenzene	1	~~0~~	2.5	9.559822E-03	5	1.130048E-02	10	1.059792E-02	20	1.164205E-02	40	1.212638E-02
n-Nonane	0.1	~~0.8484791~~	0.25	~~0.7530994~~	0.5	0.7844211	1	0.6825381	2	0.7657064	4	0.7474297
n-octane	0.1	~~0.8622027~~	0.25	~~0.7622349~~	0.5	0.8491973	1	0.705108	2	0.7337441	4	0.7392741
n-Propylbenzene	0.1	~~6.199974~~	0.25	~~5.940275~~	0.5	5.803135	1	5.190089	2	5.492229	4	5.750678
n-undecane	0.1	~~0.164737~~	0.25	~~0.1349622~~	0.5	0.1594654	1	0.1422228	2	0.171	4	0.1689674
o-Xylene	0.1	~~5.8051~~	0.25	~~5.005593~~	0.5	5.050679	1	4.221311	2	4.572139	4	4.572514
p- & m- Xylenes	0.2	~~6.496056~~	0.5	~~5.3969~~	1	5.590034	2	4.55519	4	4.933067	8	4.876338
p-Ethyltoluene	0.1	~~4.504672~~	0.25	~~4.292418~~	0.5	4.412	1	3.934657	2	4.231007	4	4.333938
p-Isopropyltoluene	0.1	~~2.863352~~	0.25	~~2.917394~~	0.5	3.04243	1	2.749293	2	2.956794	4	3.102562
sec-Butylbenzene	0.1	~~3.735434~~	0.25	~~3.666085~~	0.5	3.85327	1	3.518046	2	3.787935	4	3.936871
Styrene	0.1	~~3.172548~~	0.25	~~3.213849~~	0.5	3.443507	1	3.012161	2	3.334924	4	3.337013

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50025

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	1.788327	10	1.699763	10	1.798733	10	1.694676	10	1.737323	10	1.73775
SURR: p-Bromofluorobenzene	10	1.455195	10	1.487696	10	1.455448	10	1.496693	10	1.469252	10	1.495537
SURR: Toluene-d8	10	5.89715	10	5.961531	10	5.843325	10	5.885088	10	5.788395	10	5.787563
tert-Amyl alcohol (TAA)	0.5	0.10548	1.25	0.0581014	2.5	8.830815E-02	5	5.983387E-02	10	0.0671187	20	6.350791E-02
tert-Amyl methyl ether (TAME)	0.1	~~4.173513~~	0.25	~~3.671009~~	0.5	4.204257	1	3.355417	2	3.822348	4	3.766916
tert-Butyl alcohol (TBA)	0.5	7.614437E-02	1.25	5.753912E-02	2.5	7.570644E-02	5	5.084105E-02	10	6.567314E-02	20	5.857924E-02
tert-Butylbenzene	0.1	~~2.630207~~	0.25	~~2.596471~~	0.5	2.68509	1	2.428746	2	2.626841	4	2.73188
Tetrachloroethylene	0.1	~~1.572252~~	0.25	~~1.554219~~	0.5	1.550085	1	1.363873	2	1.431418	4	1.460077
Tetrahydrofuran	0.5	0.0772665	1.25	7.609409E-02	2.5	8.686521E-02	5	7.106333E-02	10	8.112706E-02	20	8.001639E-02
Toluene	0.1	~~7.533683~~	0.25	~~7.136524~~	0.5	6.765617	1	5.829787	2	6.004802	4	6.03198
trans-1,2-Dichloroethylene	0.1	~~3.287834~~	0.25	~~3.385187~~	0.5	3.32342	1	2.919427	2	3.063149	4	3.124458
trans-1,3-Dichloropropylene	0.1	~~1.325823~~	0.25	~~1.24806~~	0.5	1.338397	1	1.136742	2	1.258822	4	1.260933
trans-1,4-dichloro-2-butene	0.1	~~0.6389375~~	0.25	~~0.5563312~~	0.5	0.6422116	1	0.5209776	2	0.5620155	4	0.5349795
trans-decahydronaphthalene	0.1	~~0.3992778~~	0.25	~~0.3292612~~	0.5	0.3898249	1	0.3309835	2	0.3841076	4	0.3801887
Trichloroethylene	0.1	~~1.733356~~	0.25	~~1.700857~~	0.5	1.571172	1	1.378939	2	1.420167	4	1.433039
Trichlorofluoromethane	0.1	~~2.976844~~	0.25	~~2.906319~~	0.5	2.997315	1	2.620798	2	2.671331	4	2.797073
Vinyl acetate	0.1	~~0~~	0.25	~~0.1527504~~	0.5	0.20586	1	0.1638914	2	0.1842889	4	0.1853524
Vinyl Chloride	0.1	~~2.818945~~	0.25	~~3.105926~~	0.5	3.08822	1	2.649026	2	2.757465	4	2.878979

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	10	0.9859619	20	0.9721285	40	1.003699	80	1.025089				
1,1,1-Trichloroethane	10	2.731255	20	2.705134	40	2.781983	80	2.864953				
1,1,2,2-Tetrachloroethane	10	0.5323544	20	0.5326409	40	0.5526658	80	0.5641558				
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	10	1.691258	20	1.638731	40	1.655062	80	1.703329				
1,1,2-Trichloroethane	10	0.6820896	20	0.6764676	40	0.7015245	80	0.6945329				
1,1-Dichloroethane	10	3.871678	20	3.864303	40	3.946911	80	3.991548				
1,1-Dichloroethylene	10	3.213943	20	3.099621	40	3.120397	80	3.17414				
1,1-Dichloropropylene	10	3.009081	20	2.958635	40	3.015422	80	3.118858				
1,2,3-Trichlorobenzene	10	0.1416365	20	0.1492866	40	0.1621929	80	0.1818418				
1,2,3-Trichloropropane	10	0.1384942	20	0.1348545	40	0.1417042	80	0.1440535				
1,2,3-Trimethylbenzene	10	2.99471	20	2.910892	40	2.988667	80	3.084858				
1,2,4,5-Tetramethylbenzene	10	1.834276	20	1.83569	40	1.909917	80	1.981724				
1,2,4-Trichlorobenzene	10	0.2912992	20	0.3081819	40	0.3299766	80	0.3526386				
1,2,4-Trimethylbenzene	10	3.232217	20	3.158785	40	3.228777	80	3.36839				
1,2-Dibromo-3-chloropropa ne	10	5.416599E-02	20	5.819316E-02	40	0.0618037	80	6.405547E-02				
1,2-Dibromoethane	10	0.597097	20	0.5981195	40	0.6206302	80	0.6032542				
1,2-Dichlorobenzene	10	1.123791	20	1.100883	40	1.129516	80	1.15354				
1,2-Dichloroethane	10	1.655053	20	1.683856	40	1.798505	80	1.770431				
1,2-Dichloropropane	10	1.538934	20	1.486153	40	1.505037	80	1.520657				
1,3,5-Trimethylbenzene	10	3.447153	20	3.338046	40	3.339246	80	3.475092				
1,3-Dichlorobenzene	10	1.43027	20	1.39745	40	1.431905	80	1.483212				
1,3-Dichloropropane	10	1.394818	20	1.377317	40	1.420385	80	1.397704				
1,4-Dichlorobenzene	10	1.409749	20	1.376142	40	1.409627	80	1.458313				
1,4-Dioxane	250	5.17345E-03	500	5.246337E-03	1000	5.55858E-03	2000	5.536001E-03				
2,2-Dichloropropane	10	2.684013	20	2.673997	40	2.762554	80	2.747839				
2-Butanone	10	9.575082E-02	20	9.866138E-02	40	0.1069024	80	0.1023927				
2-Chloroethylvinyl ether	10	9.268677E-03	20	1.200183E-02	40	1.349261E-02	80	~~4.989234E-03~~				
2-Chlorotoluene	10	3.580782	20	3.455059	40	3.589418	80	3.798086				
2-Hexanone	10	0.3404357	20	0.3587948	40	0.3885799	80	0.3864693				
2-Nitropropane	50	0.1537761	100	0.1661106	200	0.1856105	400	0.184384				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	10	3.09263	20	2.993439	40	3.041631	80	3.125178				
4-Methyl-2-pentanone	10	0.5260563	20	0.5465156	40	0.5923466	80	0.5848682				
Acetone	10	0.0984857	20	9.741607E-02	40	8.948992E-02	80	9.355465E-02				
Acrolein	40	0.108528	80	0.1145478	160	0.1241169	320	0.1252078				
Acrylonitrile	50	0.2843003	100	0.297652	200	0.3209366	400	0.3170837				
Allyl chloride	10	3.702835	20	3.677348	40	3.743674	80	3.396991				
Benzene	10	8.280314	20	8.168993	40	8.301688	80	8.277683				
Bromobenzene	10	1.598828	20	1.559224	40	1.590134	80	1.659818				
Bromochloromethane	10	1.344842	20	1.378402	40	1.431949	80	1.321848				
Bromodichloromethane	10	1.519178	20	1.489993	40	1.535643	80	1.547496				
Bromoform	10	0.3053492	20	0.3257898	40	0.3580568	80	0.3652513				
Bromomethane	10	0.5427728	20	0.6800888	40	0.8235393	80	0.9725022				
Carbon disulfide	10	5.823072	20	5.63444	40	5.663613	80	5.755844				
Carbon tetrachloride	10	2.239321	20	2.234393	40	2.302644	80	2.397233				
Chlorobenzene	10	3.381757	20	3.273296	40	3.328412	80	3.366896				
Chloroethane	10	1.271712	20	1.250736	40	1.262388	80	1.258782				
Chloroform	10	3.101393	20	3.119747	40	3.208039	80	3.194068				
Chloromethane	10	2.304306	20	2.26735	40	2.320946	80	2.527834				
cis-1,2-Dichloroethylene	10	3.144664	20	3.139884	40	3.254786	80	3.274193				
cis-1,3-Dichloropropylene	10	1.932671	20	1.905384	40	1.960876	80	1.983572				
cis-decahydronaphthalene	10	0.2659601	20	0.2855828	40	0.2920834	80	0.3372956				
Cyclohexane	10	4.463296	20	4.420331	40	4.582215	80	4.740721				
Dibromochloromethane	10	0.7214743	20	0.7446927	40	0.7882807	80	0.7886278				
Dibromomethane	10	0.4746907	20	0.4662434	40	0.4902894	80	0.4855549				
Dichlorodifluoromethane	10	2.197001	20	2.062354	40	1.947064	80	1.988631				
Diisopropyl ether (DIPE)	10	6.230285	20	6.347751	40	6.695509	80	6.703347				
Ethanol	400	3.172425E-02	800	3.259671E-02	1600	3.515502E-02	3200	3.696383E-02				
Ethyl Benzene	10	7.022117	20	6.771231	40	6.912431	80	7.120477				
Ethyl Ether	10	1.132548	20	1.170238	40	1.240011	80	1.206361				
Ethyl Methacrylate	10	0.9999138	20	1.023636	40	1.107889	80	1.095716				
Ethyl tert-butyl ether (ETBE)	10	4.573696	20	4.676152	40	4.87253	80	4.139184				

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50025
Instrument: VOA No. 10
Calibration Date: 09/16/25 10:20

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	10	0.2493912	20	0.2055542	40	0.1652811	80	0.1659764				
Freon 123	10	2.690209	20	2.632724	40	2.677499	80	2.724022				
Freon 152a	10	1.926001	20	2.007171	40	1.836295	80	1.966824				
Freon 22	10	2.600617	20	2.366886	40	2.493212	80	2.437485				
Hexachlorobutadiene	10	0.1461515	20	0.1443165	40	0.1470806	80	0.1662756				
Hexachloroethane	10	0.4094082	20	0.42032	40	0.4592551	80	0.491849				
Iodomethane	10	1.209867	20	1.337862	40	1.47757	80	1.426224				
Isopropylbenzene	10	4.978989	20	4.794799	40	4.834698	80	5.044042				
Limonene	10	1.021987	20	1.064907	40	1.131033	80	1.216318				
Methyl acetate	10	0.6411686	20	0.6774902	40	0.7411125	80	0.7121555				
Methyl Methacrylate	10	0.4502117	20	0.4697101	40	0.49997	80	0.4936505				
Methyl tert-butyl ether (MTBE)	10	2.793161	20	2.90327	40	3.19173	80	2.516574				
Methylcyclohexane	10	2.928666	20	2.865217	40	2.889593	80	2.999542				
Methylene chloride	10	2.979732	20	2.781919	40	2.753286	80	2.692253				
Naphthalene	10	0.5317054	20	0.5720612	40	0.6244208	80	0.6766065				
n-butyl acetate	10	0.9562712	20	0.9966577	40	1.10771	80	1.101014				
n-Butylbenzene	10	3.138055	20	3.136811	40	3.211225	80	3.365538				
n-Decane	10	0.47866	20	0.6863043	40	0.8424462	80	1.519952				
n-Hexane	10	3.83076	20	3.759558	40	3.769746	80	3.898076				
Nitrobenzene	100	1.315139E-02	200	1.564339E-02	400	1.873347E-02	800	2.287576E-02				
n-Nonane	10	0.7683693	20	0.8488526	40	0.8607791	80	1.31568				
n-octane	10	0.7514294	20	0.7837099	40	0.7427743	80	0.8670684				
n-Propylbenzene	10	5.900315	20	5.73007	40	5.819209	80	6.016284				
n-undecane	10	0.1653087	20	0.3478888	40	0.411506	80	0.6743416				
o-Xylene	10	4.917398	20	4.836803	40	4.943693	80	5.035196				
p- & m- Xylenes	20	5.204681	40	5.038051	80	5.152297	160	5.215266				
p-Ethyltoluene	10	4.521695	20	4.362116	40	4.571148	80	4.805745				
p-Isopropyltoluene	10	3.204207	20	3.159768	40	3.248725	80	3.384954				
sec-Butylbenzene	10	4.042349	20	4.00735	40	4.103666	80	4.240954				
Styrene	10	3.641573	20	3.562066	40	3.659362	80	3.713903				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	1.611594	10	1.698395	10	1.796043	10	1.73779				
SURR: p-Bromofluorobenzene	10	1.508654	10	1.485354	10	1.469778	10	1.483228				
SURR: Toluene-d8	10	6.121981	10	5.977889	10	5.886484	10	5.909548				
tert-Amyl alcohol (TAA)	50	5.783562E-02	100	0.0636445	200	7.186865E-02	400	6.799053E-02				
tert-Amyl methyl ether (TAME)	10	3.76492	20	3.911498	40	4.182905	80	3.817474				
tert-Butyl alcohol (TBA)	50	5.583804E-02	100	6.967213E-02	200	8.338448E-02	400	0.1036614				
tert-Butylbenzene	10	2.856631	20	2.800879	40	2.87708	80	2.982423				
Tetrachloroethylene	10	1.648922	20	1.594178	40	1.702382	80	1.663582				
Tetrahydrofuran	50	7.680296E-02	100	8.237127E-02	200	9.218729E-02	400	8.814389E-02				
Toluene	10	6.408804	20	6.093373	40	6.121049	80	6.215034				
trans-1,2-Dichloroethylene	10	3.076404	20	3.024987	40	3.084984	80	3.122845				
trans-1,3-Dichloropropylene	10	1.376804	20	1.404443	40	1.46713	80	1.472375				
trans-1,4-dichloro-2-butene	10	0.5695249	20	0.5789626	40	0.6266005	80	0.6573851				
trans-decahydronaphthalene	10	0.3740306	20	0.3969651	40	0.3942354	80	0.4779754				
Trichloroethylene	10	1.531262	20	1.439053	40	1.437073	80	1.486664				
Trichlorofluoromethane	10	2.74424	20	2.678967	40	2.682789	80	2.743166				
Vinyl acetate	10	0.1919812	20	0.1947319	40	0.2085681	80	0.2059991				
Vinyl Chloride	10	2.799702	20	2.737049	40	2.756067	80	2.834315				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50025
Instrument: VOA No. 10
Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.9481375	7.167759	9.113	3.526284E-02			20	
1,1,1-Trichloroethane	2.723709	4.326656	5.336875	6.376076E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.54115	5.194032	10.46325	3.343506E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.722982	5.304684	3.145	1.832063E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.6852715	6.161395	8.01675	3.399336E-02			SPCC (0.1)	
1,1-Dichloroethane	3.905431	4.810392	4.346	1.756087E-02			SPCC (0.2)	
1,1-Dichloroethylene	3.179474	4.938263	3.175375	1.705508E-02			SPCC (0.1)	
1,1-Dichloropropylene	3.018768	4.741022	5.486	1.319671E-02			20	
1,2,3-Trichlorobenzene	0.1454233	13.68177	14.40575	2.360642E-03			20	
1,2,3-Trichloropropane	0.1397771	7.952719	10.5115	4.463912E-02			20	
1,2,3-Trimethylbenzene	2.896556	5.592116	11.59937	1.811352E-02			20	
1,2,4,5-Tetramethylbenzene	1.71827	12.00879	12.783	1.033462E-02			20	
1,2,4-Trichlorobenzene	0.2980927	11.19808	13.832	7.21194E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.147818	5.158466	11.113	1.692815E-02			20	
1,2-Dibromo-3-chloropropane	5.499377E-02	12.18969	12.9345	2.977696E-02			SPCC (0.05)	
1,2-Dibromoethane	0.5960318	5.64153	8.55325	2.674314E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.121546	4.984329	12.009	1.522872E-02			SPCC (0.4)	
1,2-Dichloroethane	1.756381	9.138489	5.76	2.473489E-02			SPCC (0.1)	
1,2-Dichloropropane	1.500576	4.708996	6.55225	2.525809E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.351034	4.078223	10.683	2.883227E-02			20	
1,3-Dichlorobenzene	1.420848	5.078685	11.473	1.916547E-02			SPCC (0.6)	
1,3-Dichloropropane	1.380837	6.208229	8.187	2.473274E-02			20	
1,4-Dichlorobenzene	1.387093	5.090921	11.576	1.660733E-02			SPCC (0.5)	
1,4-Dioxane	5.38452E-03	10.47812	6.687	4.246423E-02			20	
2,2-Dichloropropane	2.707158	4.927549	4.87	2.106521E-02			20	
2-Butanone	9.368831E-02	10.52669	4.9295	0.1076362			SPCC (0.1)	
2-Chloroethylvinyl ether	0.0145797	53.7025	7.096143	0.0823633			20	*
2-Chlorotoluene	3.506167	5.410623	10.62575	1.950598E-02			20	
2-Hexanone	0.34855	8.93991	8.228375	5.291133E-02			SPCC (0.1)	
2-Nitropropane	0.1572215	11.67328	7.0848	4.239344E-02			20	
4-Chlorotoluene	3.026292	3.879272	10.7485	2.202126E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.5336699	9.768407	7.382	8.715368E-03			SPCC (0.1)	
Acetone	0.1177011	30.64349	3.2835	0.1291442		0.9990804	SPCC (0.1)	
Acrolein	0.1247131	17.13422	3.1354	9.910924E-02			20	
Acrylonitrile	0.3093702	7.235601	3.9746	4.845086E-02			20	
Allyl chloride	3.711289	6.467074	3.54775	5.792697E-02			20	
Benzene	8.337071	5.031333	5.69825	3.716899E-02			SPCC (0.5)	
Bromobenzene	1.573778	5.229833	10.436	1.420141E-02			20	
Bromochloromethane	1.384085	7.51619	5.144875	1.828674E-02			20	
Bromodichloromethane	1.470659	5.142095	6.8315	4.008155E-02			SPCC (0.2)	
Bromoform	0.3056808	14.25539	9.96025	1.155763E-02			SPCC (0.1)	
Bromomethane	0.5778351	39.0688	2.297875	2.536173E-02		0.9992472	SPCC (0.1)	
Carbon disulfide	5.845322	5.638351	3.4025	8.179323E-02			SPCC (0.1)	
Carbon tetrachloride	2.212746	6.060274	5.4785	0.0482881			SPCC (0.1)	
Chlorobenzene	3.296422	4.839306	9.025	3.945772E-02			SPCC (0.5)	
Chloroethane	1.295651	5.929348	2.40175	8.732748E-02			SPCC (0.1)	
Chloroform	3.168682	5.842679	5.205875	8.980427E-03			SPCC (0.2)	
Chloromethane	2.419949	7.590348	1.834	1.431549E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.175337	5.256213	4.901	2.033575E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.842461	7.433154	7.2495	3.392773E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.2728694	12.64236	12.53625	3.264337E-02			20	
Cyclohexane	4.491063	4.872608	5.346	1.332497E-02			SPCC (0.1)	
Dibromochloromethane	0.7116503	9.145548	8.430875	7.832572E-03			SPCC (0.1)	
Dibromomethane	0.4765158	5.250735	6.6945	3.753716E-02			20	
Dichlorodifluoromethane	2.234192	12.34726	1.6265	0.1696318			SPCC (0.1)	
Diisopropyl ether (DIPE)	6.424458	5.956901	4.322625	4.804212E-02			20	
Ethanol	3.499591E-02	9.543165	2.932625	7.420442E-02			20	
Ethyl Benzene	6.787269	5.607503	9.10175	3.045358E-02			SPCC (0.1)	
Ethyl Ether	1.206471	8.418398	2.931875	6.421527E-03			20	
Ethyl Methacrylate	0.9630365	11.82256	7.8345	3.602435E-02			20	
Ethyl tert-butyl ether (ETBE)	4.614675	6.79506	4.666	6.948774E-02			20	
Freon 115	0.2335508	23.34018	1.469	1.725012E-02		0.9923312	0.99	
Freon 123	2.693579	4.651188	3.04875	9.570254E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50025 Instrument: VOA No. 10

Calibration Date: 09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.996292	10.03143	1.605375	0.1193083			20	
Freon 22	2.572081	6.305837	1.6525	0.111492			20	
Hexachlorobutadiene	0.1468223	8.871243	13.96825	2.236766E-02			20	
Hexachloroethane	0.3969806	15.36288	12.25075	2.434335E-02			20	
Iodomethane	1.059951	32.95575	3.358	9.468543E-02		0.9984862	0.99	
Isopropylbenzene	4.747432	4.980033	10.04075	1.570653E-02			SPCC (0.1)	
Limonene	1.00492	13.26029	11.3765	2.167444E-02			20	
Methyl acetate	0.7331099	13.56281	3.57725	0.1081563			SPCC (0.1)	
Methyl Methacrylate	0.4569992	7.884695	6.614	1.760309E-02			20	
Methyl tert-butyl ether (MTBE)	3.099931	13.37227	3.889	1.861588E-02			SPCC (0.1)	
Methylcyclohexane	2.857829	4.775375	6.42875	5.118193E-02			SPCC (0.1)	
Methylene chloride	4.920238	68.07191	3.694	0.0191402		0.9979789	SPCC (0.1)	
Naphthalene	0.5579002	14.18192	14.13025	1.724279E-02			20	
n-butyl acetate	0.9651768	11.62452	8.31725	4.262402E-02			20	
n-Butylbenzene	3.095706	5.687045	11.918	2.537692E-02			20	
n-Decane	0.6758413	54.5712	10.604	0.0252584		0.9992301	0.99	
n-Hexane	3.905024	6.537688	4.1035	6.903966E-02			20	
Nitrobenzene	1.395896E-02	31.25093	13.19267	2.519529E-02		0.9997495	0.99	
n-Nonane	0.846722	23.34572	9.14625	3.908666E-02		0.9983776	0.99	
n-octane	0.7715382	7.496861	7.5575	3.724653E-02			20	
n-Propylbenzene	5.712751	4.537534	10.4955	0.0253891			20	
n-undecane	0.2800876	67.24037	11.94275	1.805691E-02		0.9992902	0.99	
o-Xylene	4.768717	6.060423	9.66125	0.0277459			SPCC (0.3)	
p- & m- Xylenes	5.070616	5.957394	9.22225	2.101666E-02			SPCC (0.1)	
p-Ethyltoluene	4.396538	5.828654	10.61975	1.517891E-02			20	
p-Isopropyltoluene	3.106092	6.255558	11.44875	1.398377E-02			20	
sec-Butylbenzene	3.936305	5.606806	11.29075	8.496751E-03			20	
Styrene	3.463064	6.720203	9.687625	2.938797E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.730039	3.328495	5.687	2.511465E-02			20	
SURR: p-Bromofluorobenzene	1.480683	1.206642	10.2625	3.841198E-02			20	
SURR: Toluene-d8	5.905895	1.670443	7.4803	3.064789E-02			20	
tert-Amyl alcohol (TAA)	7.036893E-02	21.62416	5.7173	0.1930075		0.9985647	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Calibration:	SI50025	Instrument:	VOA No. 10
		Calibration Date:	09/16/25 10:20

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	3.853217	6.940215	5.74275	3.900973E-02			20	
tert-Butyl alcohol (TBA)	6.970394E-02	22.70297	3.8159	0.1291196		0.9997754	0.99	
tert-Butylbenzene	2.748696	6.256612	11.0475	2.703527E-02			20	
Tetrachloroethylene	1.551815	7.878161	8.09125	3.644263E-02			SPCC (0.2)	
Tetrahydrofuran	0.0811938	7.869524	5.1648	7.907593E-02			20	
Toluene	6.183806	4.665486	7.547625	2.610776E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	3.092459	3.686061	3.92425	5.285318E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.339456	8.62135	7.8165	3.562093E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5865822	8.555191	10.51237	3.500409E-02			20	
trans-decahydronaphthalene	0.3910389	10.44002	11.88475	2.514974E-02			20	
Trichloroethylene	1.462171	4.322348	6.303	1.890681E-02			SPCC (0.2)	
Trichlorofluoromethane	2.74196	4.257322	2.645	1.744748E-02			SPCC (0.1)	
Vinyl acetate	0.1925841	7.754239	4.37475	6.800986E-02			20	
Vinyl Chloride	2.812603	4.649505	1.938	7.453471E-03			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50030

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.1	~~1.97652~~	0.25	~~1.023747~~	0.5	1.104127	1	0.9995118	2	1.023844	4	1.015803
1,1,1-Trichloroethane	0.1	~~5.08751~~	0.25	~~3.315689~~	0.5	3.074503	1	3.046914	2	3.055539	4	3.100737
1,1,2,2-Tetrachloroethane	0.1	~~0.7948108~~	0.25	~~0.6159509~~	0.5	0.6114996	1	0.5526723	2	0.5410617	4	0.5175378
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	0.1	~~5.420833~~	0.25	~~4.762415~~	0.5	4.314105	1	4.072477	2	3.975068	4	3.961454
1,1,2-Trichloroethane	0.1	~~1.34858~~	0.25	~~0.9169494~~	0.5	0.8344939	1	0.7893182	2	0.7899505	4	0.7679579
1,1-Dichloroethane	0.1	~~6.772474~~	0.25	~~3.866038~~	0.5	3.655888	1	3.438663	2	3.367184	4	3.359192
1,1-Dichloroethylene	0.1	~~9.230095~~	0.25	~~6.691932~~	0.5	6.444639	1	6.198546	2	5.942434	4	5.936794
1,1-Dichloropropylene	0.1	~~4.655311~~	0.25	~~3.138967~~	0.5	3.002511	1	2.955859	2	2.997922	4	3.051636
1,2,3-Trichlorobenzene	0.1	~~0.6823236~~	0.25	~~0.4387917~~	0.5	0.3516471	1	0.3411812	2	0.3477771	4	0.3343411
1,2,3-Trichloropropane	0.1	~~0.1931523~~	0.25	~~0.1595606~~	0.5	0.1510617	1	0.1366598	2	0.1439412	4	0.1415725
1,2,3-Trimethylbenzene	0.1	~~4.295234~~	0.25	~~2.351906~~	0.5	2.312959	1	2.309577	2	2.31498	4	2.32674
1,2,4,5-Tetramethylbenzene	0.1	~~2.787018~~	0.25	~~1.520519~~	0.5	1.464976	1	1.484934	2	1.531169	4	1.629042
1,2,4-Trichlorobenzene	0.1	~~0.9158085~~	0.25	~~0.5474631~~	0.5	0.433112	1	0.4361349	2	0.4186909	4	0.4275754
1,2,4-Trimethylbenzene	0.1	~~3.951482~~	0.25	~~2.317149~~	0.5	2.236622	1	2.206455	2	2.248051	4	2.264089
1,2-Dibromo-3-chloropropa ne	0.1	~~3.145201E-02~~	0.25	~~3.666375E-02~~	0.5	0.0750913	1	7.876583E-02	2	6.937177E-02	4	6.831821E-02
1,2-Dibromoethane	0.1	~~1.187944~~	0.25	~~0.8114085~~	0.5	0.7843063	1	0.7550782	2	0.7350713	4	0.6915413
1,2-Dichlorobenzene	0.1	~~2.436606~~	0.25	~~1.273552~~	0.5	1.278677	1	1.176017	2	1.108822	4	1.096793
1,2-Dichloroethane	0.1	~~4.969267~~	0.25	~~2.958127~~	0.5	2.606854	1	2.354471	2	2.382082	4	2.356972
1,2-Dichloropropane	0.1	~~2.424142~~	0.25	~~1.310969~~	0.5	1.194841	1	1.201932	2	1.174197	4	1.11853
1,3,5-Trimethylbenzene	0.1	~~4.06656~~	0.25	~~2.290311~~	0.5	2.284607	1	2.268621	2	2.258585	4	2.254395
1,3-Dichlorobenzene	0.1	~~2.681561~~	0.25	~~1.416834~~	0.5	1.285929	1	1.196963	2	1.17213	4	1.188964
1,3-Dichloropropane	0.1	~~2.44827~~	0.25	~~1.669305~~	0.5	1.531474	1	1.432747	2	1.428156	4	1.373363
1,4-Dichlorobenzene	0.1	~~2.533182~~	0.25	~~1.452911~~	0.5	1.288274	1	1.1647	2	1.168128	4	1.16827
1,4-Dioxane	2.5	~~0~~	6.25	8.845332E-03	12.5	7.869412E-03	25	6.912235E-03	50	7.495718E-03	100	6.768246E-03
2,2-Dichloropropane	0.1	~~4.328104~~	0.25	~~2.732385~~	0.5	2.520544	1	2.400763	2	2.384717	4	2.512625
2-Butanone	0.1	~~0~~	0.25	~~7.002945E-02~~	0.5	0.1462033	1	0.1491746	2	0.1404176	4	0.1561781
2-Chloroethylvinyl ether	0.1	~~7.301634E-02~~	0.25	~~0.1459982~~	0.5	0.1745273	1	0.1641977	2	0.187733	4	0.1907946
2-Chlorotoluene	0.1	~~4.629366~~	0.25	~~2.565582~~	0.5	2.425632	1	2.37549	2	2.267317	4	2.258471
2-Hexanone	0.1	~~0.5263525~~	0.25	~~0.3256691~~	0.5	0.4362555	1	0.4373466	2	0.4102486	4	0.4036715
2-Nitropropane	0.5	0.2099061	1.25	0.169368	2.5	0.1591448	5	0.1595981	10	0.1664554	20	0.202042

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50030

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	0.1	~~4.441024~~	0.25	~~2.38945~~	0.5	2.207904	1	2.399997	2	2.319935	4	2.05924
4-Methyl-2-pentanone	0.1	~~0.657782~~	0.25	~~0.5558487~~	0.5	0.5538199	1	0.5788676	2	0.5133905	4	0.5608921
Acetone	0.1	~~1.086613~~	0.25	~~0.5330477~~	0.5	0.4240903	1	0.3268994	2	0.2981656	4	0.2627303
Acrolein	0.4	0.298156	1	0.2733208	2	0.2200107	4	0.2169812	8	0.2012516	16	0.211673
Acrylonitrile	0.5	0.3634955	1.25	0.3779943	2.5	0.3509281	5	0.3380747	10	0.3448465	20	0.3294616
Allyl chloride	0.1	~~12.03633~~	0.25	~~6.787914~~	0.5	5.984654	1	6.043457	2	5.912233	4	5.915143
Benzene	0.1	~~15.4613~~	0.25	~~9.015262~~	0.5	8.275709	1	7.96733	2	7.940458	4	7.868332
Bromobenzene	0.1	~~2.389983~~	0.25	~~1.24906~~	0.5	1.208127	1	1.079564	2	1.04302	4	1.046612
Bromochloromethane	0.1	~~2.59727~~	0.25	~~1.563717~~	0.5	1.474737	1	1.32279	2	1.356593	4	1.335252
Bromodichloromethane	0.1	~~2.794303~~	0.25	~~1.680111~~	0.5	1.550169	1	1.48748	2	1.495403	4	1.459267
Bromoform	0.1	~~0.6292103~~	0.25	~~0.4261842~~	0.5	0.4011242	1	0.3964899	2	0.4006332	4	0.4132163
Bromomethane	0.1	~~2.921419~~	0.25	~~2.424667~~	0.5	2.272503	1	2.041031	2	1.885071	4	1.72831
Carbon disulfide	0.1	~~17.87713~~	0.25	~~11.94373~~	0.5	10.67788	1	10.2178	2	10.03101	4	9.953549
Carbon tetrachloride	0.1	~~3.8113~~	0.25	~~2.787172~~	0.5	2.706474	1	2.733066	2	2.720381	4	2.840932
Chlorobenzene	0.1	~~7.098458~~	0.25	~~3.784144~~	0.5	3.539604	1	3.43813	2	3.345494	4	3.189362
Chloroethane	0.1	~~3.615588~~	0.25	~~2.259892~~	0.5	2.728859	1	2.064483	2	2.12785	4	1.940014
Chloroform	0.1	~~7.475816~~	0.25	~~3.91753~~	0.5	3.799873	1	3.456201	2	3.520827	4	3.537246
Chloromethane	0.1	~~4.123217~~	0.25	~~3.227122~~	0.5	2.898656	1	2.467142	2	2.506841	4	2.366647
cis-1,2-Dichloroethylene	0.1	~~5.936618~~	0.25	~~3.368829~~	0.5	2.949877	1	2.985633	2	2.89171	4	2.925459
cis-1,3-Dichloropropylene	0.1	~~2.761922~~	0.25	~~1.611006~~	0.5	1.574384	1	1.530585	2	1.580828	4	1.564652
cis-decahydronaphthalene	0.1	~~3.885248E-02~~	0.25	~~8.769968E-02~~	0.5	0.1092304	1	0.1311889	2	0.1348799	4	0.1321712
Cyclohexane	0.1	~~4.200687~~	0.25	~~3.491586~~	0.5	3.79947	1	3.624239	2	3.569778	4	3.570071
Dibromochloromethane	0.1	~~1.438739~~	0.25	~~0.8991079~~	0.5	0.9235769	1	0.8482263	2	0.8600103	4	0.8757257
Dibromomethane	0.1	~~0.9085772~~	0.25	~~0.5963061~~	0.5	0.6283485	1	0.6025079	2	0.5784725	4	0.5616476
Dichlorodifluoromethane	0.1	~~4.278157~~	0.25	~~3.616403~~	0.5	3.256803	1	2.795061	2	2.797051	4	2.683779
Diisopropyl ether (DIPE)	0.1	~~9.829465~~	0.25	~~5.898128~~	0.5	5.383708	1	5.139947	2	5.184555	4	5.183479
Ethanol	4	~~3.447907E-02~~	10	~~2.082346E-02~~	20	1.578995E-02	40	0.0117642	80	1.397335E-02	160	1.401591E-02
Ethyl Benzene	0.1	~~11.01912~~	0.25	~~6.501822~~	0.5	6.234301	1	5.922552	2	5.826681	4	5.699415
Ethyl Ether	0.1	~~3.835764~~	0.25	~~2.759572~~	0.5	2.507638	1	2.259643	2	2.260768	4	2.202144
Ethyl Methacrylate	0.1	~~1.1835~~	0.25	~~0.9450936~~	0.5	0.9829237	1	0.9553788	2	0.9987695	4	1.029213
Ethyl tert-butyl ether (ETBE)	0.1	~~8.419722~~	0.25	~~5.142222~~	0.5	4.776511	1	4.709043	2	4.698743	4	4.784546

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.

Client: Hydro Tech Environmental

Calibration: SI50030

SDG: 25I1726

Project: 230051-170 Freemont St. Brooklyn

Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	0.1	~~0.487243~~	0.25	~~0.3019505~~	0.5	~~0.4839832~~	1	0.2385978	2	0.3066282	4	0.2568301
Freon 123	0.1	~~7.984465~~	0.25	~~6.264753~~	0.5	5.683777	1	5.538323	2	5.244755	4	5.314831
Freon 152a	0.1	~~3.198679~~	0.25	~~2.367819~~	0.5	2.064995	1	1.776432	2	1.912942	4	1.77411
Freon 22	0.1	~~4.655311~~	0.25	~~2.908694~~	0.5	2.763947	1	2.649047	2	2.473193	4	2.465649
Hexachlorobutadiene	0.1	~~0.1076769~~	0.25	~~0.1111645~~	0.5	0.10293	1	0.1030476	2	0.1057556	4	9.338852E-02
Hexachloroethane	0.1	~~0.6171994~~	0.25	~~0.3483056~~	0.5	0.3315739	1	0.308206	2	0.321217	4	0.331118
Iodomethane	0.1	~~0.3924447~~	0.25	~~0.4564273~~	0.5	0.6071972	1	1.024543	2	1.641836	4	2.255595
Isopropylbenzene	0.1	~~5.050083~~	0.25	~~2.841~~	0.5	2.882114	1	2.834446	2	2.79852	4	2.802938
Limonene	0.1	~~0.5343141~~	0.25	~~0.3854093~~	0.5	0.3772147	1	0.4064571	2	0.4195225	4	0.4367088
Methyl acetate	0.1	~~2.687991~~	0.25	~~1.798933~~	0.5	2.042207	1	1.513261	2	1.501622	4	1.472429
Methyl Methacrylate	0.1	~~0.6165119~~	0.25	~~0.5186581~~	0.5	0.5115369	1	0.5166189	2	0.5016108	4	0.4829501
Methyl tert-butyl ether (MTBE)	0.1	~~6.677676~~	0.25	~~4.715454~~	0.5	4.488541	1	4.132024	2	4.109506	4	4.054206
Methylcyclohexane	0.1	~~2.44446~~	0.25	~~1.948737~~	0.5	2.105996	1	2.130202	2	2.162269	4	2.112701
Methylene chloride	0.1	~~97.33443~~	0.25	~~37.91683~~	0.5	20.92884	1	13.82491	2	8.464731	4	6.711084
Naphthalene	0.1	~~3.650653~~	0.25	~~1.576248~~	0.5	1.186296	1	1.059067	2	1.044925	4	1.051004
n-butyl acetate	0.1	~~1.01461~~	0.25	~~0.9355447~~	0.5	0.9341163	1	0.8244575	2	0.8757784	4	0.9092415
n-Butylbenzene	0.1	~~3.940752~~	0.25	~~2.162134~~	0.5	2.10197	1	2.101534	2	2.025313	4	2.097105
n-Decane	0.1	~~0.3011992~~	0.25	~~0.183612~~	0.5	0.1994132	1	0.15978	2	0.2166742	4	0.1967873
n-Hexane	0.1	~~4.029438~~	0.25	~~3.038866~~	0.5	3.021063	1	2.878468	2	2.834195	4	2.787031
Nitrobenzene	1	6.179395E-03	2.5	1.198171E-02	5	1.224171E-02	10	1.206594E-02	20	1.164801E-02	40	1.246615E-02
n-Nonane	0.1	~~0.4203201~~	0.25	~~0.335218~~	0.5	0.3707607	1	0.3653335	2	0.3883897	4	0.3946061
n-octane	0.1	~~0.4292091~~	0.25	~~0.375424~~	0.5	0.4121655	1	0.4297021	2	0.4199878	4	0.4227611
n-Propylbenzene	0.1	~~6.086889~~	0.25	~~3.594367~~	0.5	3.518961	1	3.465247	2	3.345923	4	3.333645
n-undecane	0.1	~~0.6364407~~	0.25	~~0.3103219~~	0.5	0.1860799	1	6.610034E-02	2	0.1012509	4	0.0888015
o-Xylene	0.1	~~8.701643~~	0.25	~~4.52293~~	0.5	4.601448	1	4.30383	2	4.338606	4	4.296633
p- & m- Xylenes	0.2	~~8.764818~~	0.5	~~4.829376~~	1	4.727419	2	4.561658	4	4.469713	8	4.406827
p-Ethyltoluene	0.1	~~5.15961~~	0.25	~~2.947765~~	0.5	2.841162	1	2.822829	2	2.753179	4	2.76703
p-Isopropyltoluene	0.1	~~3.251028~~	0.25	~~1.992895~~	0.5	1.93633	1	1.998711	2	2.07133	4	2.074308
sec-Butylbenzene	0.1	~~4.007726~~	0.25	~~2.30527~~	0.5	2.355523	1	2.380886	2	2.351277	4	2.364062
Styrene	0.1	~~5.749243~~	0.25	~~3.381078~~	0.5	3.24538	1	3.238536	2	3.328613	4	3.389484

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	2.046614	10	2.058197	10	2.026649	10	1.995238	10	2.070548	10	2.01623
SURR: p-Bromofluorobenzene	10	1.080343	10	1.074035	10	1.086106	10	1.076544	10	1.042846	10	1.024336
SURR: Toluene-d8	10	5.671242	10	5.610001	10	5.664929	10	5.638431	10	5.551673	10	5.326302
tert-Amyl alcohol (TAA)	0.5	~~7.114971E-02~~	1.25	~~5.017404E-02~~	2.5	7.469474E-02	5	6.903021E-02	10	8.113915E-02	20	0.0799116
tert-Amyl methyl ether (TAME)	0.1	~~6.388184~~	0.25	~~4.35748~~	0.5	4.157819	1	3.872524	2	4.057262	4	4.111982
tert-Butyl alcohol (TBA)	0.5	~~5.157844E-02~~	1.25	~~0.1298428~~	2.5	0.1257953	5	0.1010064	10	0.118344	20	0.1109122
tert-Butylbenzene	0.1	~~3.192934~~	0.25	~~1.785378~~	0.5	1.700946	1	1.719583	2	1.700769	4	1.694633
Tetrachloroethylene	0.1	~~2.346047~~	0.25	~~1.376555~~	0.5	1.399982	1	1.362404	2	1.358251	4	1.329838
Tetrahydrofuran	0.5	0.0381232	1.25	0.1207802	2.5	0.1207941	5	0.1204817	10	0.1198946	20	0.1291476
Toluene	0.1	~~11.14229~~	0.25	~~6.269632~~	0.5	5.969561	1	5.712359	2	5.452297	4	5.283831
trans-1,2-Dichloroethylene	0.1	~~5.073239~~	0.25	~~3.011678~~	0.5	2.852274	1	2.685143	2	2.704723	4	2.701754
trans-1,3-Dichloropropylene	0.1	~~2.073664~~	0.25	~~1.296645~~	0.5	1.196848	1	1.185358	2	1.246421	4	1.269852
trans-1,4-dichloro-2-butene	0.1	~~0.6641924~~	0.25	~~0.5616886~~	0.5	0.5226354	1	0.4905815	2	0.493295	4	0.4881566
trans-decahydronaphthalene	0.1	~~0.202773~~	0.25	~~0.2028238~~	0.5	0.1687906	1	0.189008	2	0.1890052	4	0.19574
Trichloroethylene	0.1	~~2.450174~~	0.25	~~1.422038~~	0.5	1.3646	1	1.369535	2	1.309648	4	1.258898
Trichlorofluoromethane	0.1	~~8.595048~~	0.25	~~7.194085~~	0.5	7.237162	1	6.484048	2	6.511047	4	6.303376
Vinyl acetate	0.1	~~7.848894E-02~~	0.25	~~0.245927~~	0.5	0.1808887	1	0.2193264	2	0.2201277	4	0.2411048
Vinyl Chloride	0.1	~~4.484063~~	0.25	~~3.259253~~	0.5	3.224336	1	3.044059	2	3.092125	4	2.977785

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	10	1.033055	20	1.044643	40	1.028302	80	1.01177				
1,1,1-Trichloroethane	10	2.96176	20	3.14455	40	3.110349	80	3.808603				
1,1,2,2-Tetrachloroethane	10	0.4586039	20	0.4960742	40	0.5119276	80	0.5344943				
1,1,2-Trichloro-1,2,2-triflu oroethane (Freon 113)	10	3.537244	20	3.655326	40	3.162826	80	3.723713				
1,1,2-Trichloroethane	10	0.7458992	20	0.708554	40	0.666896	80	0.5992909				
1,1-Dichloroethane	10	3.236308	20	3.342541	40	3.280923	80	4.017866				
1,1-Dichloroethylene	10	5.300779	20	5.448238	40	4.948929	80	5.41327				
1,1-Dichloropropylene	10	2.812463	20	2.92679	40	2.820031	80	3.567137				
1,2,3-Trichlorobenzene	10	0.2991532	20	0.3208454	40	0.3604801	80	0.3996734				
1,2,3-Trichloropropane	10	0.1239819	20	0.1329075	40	0.1370208	80	0.1392005				
1,2,3-Trimethylbenzene	10	2.377808	20	2.493146	40	2.42472	80	2.515876				
1,2,4,5-Tetramethylbenzene	10	1.526265	20	1.851673	40	1.859828	80	2.013969				
1,2,4-Trichlorobenzene	10	0.3808795	20	0.4113103	40	0.4565156	80	0.5185763				
1,2,4-Trimethylbenzene	10	2.178282	20	2.425488	40	2.381528	80	2.548684				
1,2-Dibromo-3-chloropropa ne	10	6.648732E-02	20	7.713192E-02	40	7.772979E-02	80	7.889697E-02				
1,2-Dibromoethane	10	0.6829112	20	0.6502121	40	0.5952245	80	0.5403864				
1,2-Dichlorobenzene	10	1.100427	20	1.147643	40	1.151858	80	1.288238				
1,2-Dichloroethane	10	2.350808	20	2.392993	40	2.43655	80	2.753456				
1,2-Dichloropropane	10	1.12317	20	1.057351	40	1.012681	80	0.9111252				
1,3,5-Trimethylbenzene	10	2.142234	20	2.359459	40	2.237531	80	2.389081				
1,3-Dichlorobenzene	10	1.177457	20	1.288227	40	1.331442	80	1.568791				
1,3-Dichloropropane	10	1.341647	20	1.253386	40	1.11627	80	1.022836				
1,4-Dichlorobenzene	10	1.118076	20	1.230572	40	1.233278	80	1.363432				
1,4-Dioxane	250	6.927904E-03	500	6.376981E-03	1000	6.454545E-03	2000	5.756027E-03				
2,2-Dichloropropane	10	2.433348	20	2.605856	40	2.621626	80	3.310737				
2-Butanone	10	0.1455971	20	0.1514716	40	0.1528177	80	0.1853578				
2-Chloroethylvinyl ether	10	0.2039072	20	0.1945801	40	0.1711108	80	~~0.126567~~				
2-Chlorotoluene	10	2.102853	20	2.391092	40	2.392459	80	2.599119				
2-Hexanone	10	0.4070687	20	0.3794187	40	0.3512947	80	0.3143778				
2-Nitropropane	50	0.1907317	100	0.2129015	200	0.2012397	400	0.1744258				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
4-Chlorotoluene	10	2.025274	20	2.165345	40	2.080516	80	2.117858				
4-Methyl-2-pentanone	10	0.573152	20	0.5335886	40	0.5068946	80	0.4559465				
Acetone	10	0.2085349	20	0.1793297	40	0.1564372	80	0.1608052				
Acrolein	40	0.2023766	80	0.2005087	160	0.2020492	320	0.2066661				
Acrylonitrile	50	0.3242561	100	0.3258829	200	0.3462096	400	0.4353495				
Allyl chloride	10	5.390343	20	5.717206	40	5.283056	80	5.306346				
Benzene	10	7.748873	20	8.022338	40	8.10263	80	9.244814				
Bromobenzene	10	0.9344017	20	1.042808	40	1.059354	80	1.109034				
Bromochloromethane	10	1.2789	20	1.347326	40	1.370747	80	1.510365				
Bromodichloromethane	10	1.412883	20	1.368008	40	1.246729	80	1.163072				
Bromoform	10	0.4361939	20	0.4611277	40	0.4495648	80	0.4123244				
Bromomethane	10	1.632775	20	1.766689	40	1.821632	80	2.2488				
Carbon disulfide	10	8.855551	20	9.278745	40	8.432949	80	8.832937				
Carbon tetrachloride	10	2.674275	20	2.818109	40	2.775617	80	3.664727				
Chlorobenzene	10	3.080851	20	3.000431	40	2.812371	80	2.512845				
Chloroethane	10	1.763012	20	1.764621	40	1.611292	80	1.702826				
Chloroform	10	3.451509	20	3.612596	40	3.647685	80	4.274233				
Chloromethane	10	2.121818	20	2.065618	40	1.820167	80	2.136951				
cis-1,2-Dichloroethylene	10	2.905882	20	3.044145	40	3.054934	80	3.691292				
cis-1,3-Dichloropropylene	10	1.596442	20	1.552801	40	1.462583	80	1.330489				
cis-decahydronaphthalene	10	9.885349E-02	20	0.112326	40	0.1065198	80	0.1606537				
Cyclohexane	10	3.268783	20	3.379419	40	2.996786	80	3.937385				
Dibromochloromethane	10	0.8809467	20	0.8494486	40	0.8075751	80	0.753598				
Dibromomethane	10	0.5388025	20	0.5119693	40	0.4900232	80	0.443277				
Dichlorodifluoromethane	10	2.447919	20	2.394589	40	1.787937	80	2.132333				
Diisopropyl ether (DIPE)	10	5.1958	20	5.427002	40	5.54898	80	6.721473				
Ethanol	400	0.0116676	800	1.114095E-02	1600	1.303439E-02	3200	1.146596E-02				
Ethyl Benzene	10	5.547175	20	5.696223	40	5.223818	80	4.583359				
Ethyl Ether	10	2.147626	20	2.131582	40	2.143015	80	2.218404				
Ethyl Methacrylate	10	1.068616	20	1.075244	40	1.041603	80	0.9105314				
Ethyl tert-butyl ether (ETBE)	10	4.847039	20	5.075334	40	5.304151	80	6.303162				

FORM VI INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Freon 115	10	0.2384109	20	0.1994143	40	~~0.1007999~~	80	~~0.1109944~~				
Freon 123	10	4.738728	20	4.789542	40	4.472931	80	4.846067				
Freon 152a	10	1.559105	20	1.552753	40	1.433398	80	1.662247				
Freon 22	10	2.231644	20	2.181034	40	1.878239	80	2.040139				
Hexachlorobutadiene	10	8.399626E-02	20	9.058622E-02	40	9.285585E-02	80	0.1167551				
Hexachloroethane	10	0.3080819	20	0.3648538	40	0.3630468	80	0.4097619				
Iodomethane	10	2.821038	20	3.301723	40	3.22776	80	3.277505				
Isopropylbenzene	10	2.450585	20	2.809741	40	2.758574	80	2.798336				
Limonene	10	0.3776104	20	0.4393509	40	0.4171408	80	0.4819962				
Methyl acetate	10	1.318325	20	1.361099	40	1.333779	80	1.378411				
Methyl Methacrylate	10	0.4855384	20	0.4698201	40	0.4589654	80	0.4109221				
Methyl tert-butyl ether (MTBE)	10	4.007933	20	4.083721	40	4.207825	80	5.266556				
Methylcyclohexane	10	1.711959	20	1.672023	40	1.339818	80	1.499302				
Methylene chloride	10	4.800389	20	4.643534	40	4.181156	80	4.151119				
Naphthalene	10	0.9645517	20	1.017746	40	1.136302	80	1.194654				
n-butyl acetate	10	0.9820382	20	0.9633533	40	0.9352998	80	0.8219502				
n-Butylbenzene	10	2.049337	20	2.214811	40	2.091533	80	2.328248				
n-Decane	10	0.143707	20	0.2281463	40	0.2506054	80	0.6580155				
n-Hexane	10	2.30391	20	2.335573	40	1.848331	80	2.590414				
Nitrobenzene	100	1.410169E-02	200	2.007753E-02	400	2.653901E-02	800	0.0312012				
n-Nonane	10	0.3087733	20	0.3356288	40	0.2854568	80	0.6348943				
n-octane	10	0.3006545	20	0.2921581	40	0.2135504	80	~~0.3060349~~				
n-Propylbenzene	10	2.953778	20	3.334592	40	3.175181	80	3.125841				
n-undecane	10	8.508769E-02	20	0.166165	40	0.1840896	80	0.3991795				
o-Xylene	10	4.374666	20	4.701154	40	4.245188	80	3.823519				
p- & m- Xylenes	20	4.400444	40	4.779472	80	4.141168	160	~~3.123652~~				
p-Ethyltoluene	10	2.573903	20	2.937267	40	2.938392	80	3.104911				
p-Isopropyltoluene	10	2.026176	20	2.269946	40	2.254566	80	2.551868				
sec-Butylbenzene	10	2.122288	20	2.412717	40	2.293991	80	2.434484				
Styrene	10	3.545767	20	3.909543	40	3.502109	80	3.192214				

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
SURR: 1,2-Dichloroethane-d4	10	2.017784	10	2.018791	10	2.04878	10	2.112972				
SURR: p-Bromofluorobenzene	10	0.9246532	10	0.9842348	10	1.003976	10	0.9231009				
SURR: Toluene-d8	10	5.193168	10	4.828729	10	4.433616	10	3.611843				
tert-Amyl alcohol (TAA)	50	7.821919E-02	100	8.558043E-02	200	9.944315E-02	400	0.1232887				
tert-Amyl methyl ether (TAME)	10	4.268783	20	4.499304	40	4.756486	80	5.540529				
tert-Butyl alcohol (TBA)	50	0.1773993	100	0.1007985	200	0.1035934	400	0.1133144				
tert-Butylbenzene	10	1.544906	20	1.780588	40	1.725284	80	1.898206				
Tetrachloroethylene	10	1.23458	20	1.258404	40	1.131457	80	1.214109				
Tetrahydrofuran	50	0.1252844	100	0.1303004	200	0.1398814	400	0.1641583				
Toluene	10	5.062279	20	4.992857	40	4.572014	80	3.931248				
trans-1,2-Dichloroethylene	10	2.576788	20	2.688803	40	2.672277	80	3.414762				
trans-1,3-Dichloropropylene	10	1.320667	20	1.32099	40	1.265184	80	1.129867				
trans-1,4-dichloro-2-butene	10	0.4552733	20	0.498496	40	0.5174302	80	0.5346434				
trans-decahydronaphthalene	10	0.1563532	20	0.1698184	40	0.152935	80	0.2775215				
Trichloroethylene	10	1.17952	20	1.133073	40	1.034523	80	1.010777				
Trichlorofluoromethane	10	5.770688	20	5.748694	40	5.164757	80	5.825297				
Vinyl acetate	10	0.2545975	20	0.250013	40	0.2634125	80	0.3332166				
Vinyl Chloride	10	2.652038	20	2.59964	40	2.30033	80	2.574491				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc.
SDG: 25I1726
Client: Hydro Tech Environmental
Project: 230051-170 Freemont St. Brooklyn
Calibration: SI50030
Instrument: VOA No. 8
Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.032632	3.098746	8.875	3.327152E-02			20	
1,1,1-Trichloroethane	3.162869	8.425802	5.124	5.638106E-03			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.5279839	8.469168	10.198	1.954609E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.800277	9.419822	2.98525	0.1048909			SPCC (0.1)	
1,1,2-Trichloroethane	0.7377951	10.34342	7.757375	2.702219E-02			SPCC (0.1)	
1,1-Dichloroethane	3.462321	7.441484	4.124125	0.0843507			SPCC (0.2)	
1,1-Dichloroethylene	5.704204	8.857201	3.001	7.655268E-03			SPCC (0.1)	
1,1-Dichloropropylene	3.016794	7.893399	5.27525	3.862958E-02			20	
1,2,3-Trichlorobenzene	0.3443873	8.565598	14.1535	1.491306E-02			20	
1,2,3-Trichloropropane	0.1382932	5.762933	10.24587	4.430535E-02			20	
1,2,3-Trimethylbenzene	2.384476	3.531165	11.3735	1.690132E-02			20	
1,2,4,5-Tetramethylbenzene	1.670232	12.50263	12.56587	2.004681E-02			20	
1,2,4-Trichlorobenzene	0.4353494	9.213882	13.58875	2.125684E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.31115	5.541412	10.89288	0.0204538			20	
1,2-Dibromo-3-chloropropane	7.397414E-02	6.888101	12.66125	2.935869E-02			SPCC (0.05)	
1,2-Dibromoethane	0.6793414	12.09431	8.29325	1.903052E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.168559	6.515786	11.76187	9.086549E-03			SPCC (0.4)	
1,2-Dichloroethane	2.454273	6.008164	5.5075	9.825053E-03			SPCC (0.1)	
1,2-Dichloropropane	1.099228	9.15448	6.305125	0.0278289			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.274314	3.323869	10.47113	2.682883E-02			20	
1,3-Dichlorobenzene	1.276238	10.40217	11.23725	1.462343E-02			SPCC (0.6)	
1,3-Dichloropropane	1.312485	13.07821	7.92825	2.018397E-02			20	
1,4-Dichlorobenzene	1.216841	6.534327	11.3365	2.673439E-02			SPCC (0.5)	
1,4-Dioxane	7.045156E-03	12.9784	6.446111	6.496802E-02			20	
2,2-Dichloropropane	2.598777	11.575	4.6545	5.960827E-02			20	
2-Butanone	0.1534022	8.992815	4.6785	9.119699E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.1838358	7.744379	6.846	4.845838E-02			20	
2-Chlorotoluene	2.351554	6.187529	10.39975	2.437235E-02			20	
2-Hexanone	0.3924603	10.78885	7.98275	3.062951E-02			SPCC (0.1)	
2-Nitropropane	0.1845813	11.41843	6.7988	5.787224E-02			20	
4-Chlorotoluene	2.172009	6.046779	10.51475	2.505734E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.534569	7.716638	7.1395	4.185389E-02			SPCC (0.1)	
Acetone	0.2521241	37.35495	3.065	0.1036426		0.995669	SPCC (0.1)	
Acrolein	0.2232994	15.26937	2.916	9.848036E-02			20	
Acrylonitrile	0.3536499	9.410112	3.719	1.856847E-02			20	
Allyl chloride	5.694055	5.612938	3.348	1.448908E-02			20	
Benzene	8.14631	5.777076	5.477	1.069312E-02			SPCC (0.5)	
Bromobenzene	1.065365	7.186861	10.19275	1.476946E-02			20	
Bromochloromethane	1.374589	5.697403	4.899	1.489012E-02			20	
Bromodichloromethane	1.397876	9.505796	6.584	1.788159E-02			SPCC (0.2)	
Bromoform	0.4213343	5.815439	9.699	1.593701E-02			SPCC (0.1)	
Bromomethane	1.924601	12.42815	2.14675	0.1457116			SPCC (0.1)	
Carbon disulfide	9.535053	8.341567	3.22	2.071968E-02			SPCC (0.1)	
Carbon tetrachloride	2.866698	11.41928	5.27675	3.873462E-02			SPCC (0.1)	
Chlorobenzene	3.114886	10.93302	8.7875	2.957597E-02			SPCC (0.5)	
Chloroethane	1.96287	18.21961	2.247	1.159826E-02			SPCC (0.1)	
Chloroform	3.662521	7.431915	4.9705	5.649036E-02			SPCC (0.2)	
Chloromethane	2.29798	14.49849	1.721875	0.1770741			SPCC (0.1)	
cis-1,2-Dichloroethylene	3.056116	8.626421	4.668	6.595762E-03			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.524095	5.803235	7.00625	4.385591E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.1232279	16.42562	12.33375	8.516337E-03			20	
Cyclohexane	3.518241	8.491494	5.164	6.415442E-02			SPCC (0.1)	
Dibromochloromethane	0.8498885	6.004549	8.172	2.195099E-02			SPCC (0.1)	
Dibromomethane	0.5443811	11.22711	6.43875	2.735146E-02			20	
Dichlorodifluoromethane	2.536934	17.79697	1.52	0.2110875			SPCC (0.1)	
Diisopropyl ether (DIPE)	5.473118	9.592242	4.1495	6.444131E-02			20	
Ethanol	1.285654E-02	12.71696	2.71725	0.163799			20	
Ethyl Benzene	5.59169	8.952596	8.87875	1.485709E-02			SPCC (0.1)	
Ethyl Ether	2.233852	5.449616	2.77	1.597237E-02			20	
Ethyl Methacrylate	1.007785	5.657818	7.612125	1.102773E-02			20	
Ethyl tert-butyl ether (ETBE)	5.062316	10.71743	4.485375	0.0206245			20	
Freon 115	0.2479763	15.69127	1.3696	0.0371456			20	
Freon 123	5.078619	8.423164	2.86025	7.752721E-02			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	1.716998	12.08965	1.502375	0.2069187			20	
Freon 22	2.335361	13.03572	1.547	1.728901E-02			20	
Hexachlorobutadiene	9.866439E-02	10.53961	13.763	1.810477E-02			20	
Hexachloroethane	0.3422324	10.18696	12.03425	8.508157E-03			20	
Iodomethane	2.26965	47.13512	2.763375	40.40617		0.9992254	0.99	
Isopropylbenzene	2.766907	4.792451	9.827	1.087101E-02			SPCC (0.1)	
Limonene	0.4195002	8.215524	11.1835	8.562283E-03			20	
Methyl acetate	1.490142	15.81689	3.36675	5.996557E-02			SPCC (0.1)	
Methyl Methacrylate	0.4797453	7.116476	6.3875	5.325459E-02			20	
Methyl tert-butyl ether (MTBE)	4.293789	9.782224	3.70775	5.593985E-02			SPCC (0.1)	
Methylcyclohexane	1.841784	17.70148	6.245375	4.150143E-02			SPCC (0.1)	
Methylene chloride	8.463221	70.91553	3.475625	2.053948E-02		0.9959158	SPCC (0.1)	
Naphthalene	1.081818	7.598571	13.87212	1.483777E-02			20	
n-butyl acetate	0.9057794	6.644766	8.093	2.153095E-02			20	
n-Butylbenzene	2.126231	4.635688	11.704	3.085165E-02			20	
n-Decane	0.2566411	64.62287	10.4365	3.029322E-02		0.9953424	0.99	
n-Hexane	2.574873	15.12933	3.94325	5.208659E-02			20	
Nitrobenzene	1.585023E-02	48.67811	12.902	2.028787E-02		0.9982817	0.99	
n-Nonane	0.3854804	27.95645	8.98025	3.018097E-02		0.9913947	0.99	
n-octane	0.3558542	24.21961	7.388857	4.678151E-02		0.9969873	0.99	
n-Propylbenzene	3.281646	5.674936	10.27775	1.985769E-02			20	
n-undecane	0.1595943	67.59101	11.77237	0.1225531		0.9974334	0.99	
o-Xylene	4.335631	6.032014	9.4375	0			SPCC (0.3)	
p- & m- Xylenes	4.4981	4.81859	9.004	3.021847E-02			SPCC (0.1)	
p-Ethyltoluene	2.842334	5.53481	10.405	1.890037E-02			20	
p-Isopropyltoluene	2.147904	9.35416	11.23875	1.480206E-02			20	
sec-Butylbenzene	2.339404	4.16154	11.08	1.597237E-02			20	
Styrene	3.418956	6.875388	9.456	1.916365E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	2.04118	1.664284	5.4345	1.459783E-02			20	
SURR: p-Bromofluorobenzene	1.022017	6.070717	10.0216	1.110834E-02			20	
SURR: Toluene-d8	5.152993	13.19931	7.2596	6.919269E-03			20	
tert-Amyl alcohol (TAA)	0.0864134	20.07713	5.486	0.0608483		0.9999775	0.99	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. SDG: 25I1726

Client: Hydro Tech Environmental Project: 230051-170 Freemont St. Brooklyn

Calibration: SI50030 Instrument: VOA No. 8

Calibration Date: 09/19/25 11:34

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	4.408086	12.10092	5.55075	3.639068E-02			20	
tert-Butyl alcohol (TBA)	0.1188954	21.19958	3.59925	0.1236409		0.99145	0.99	
tert-Butylbenzene	1.720614	5.706635	10.83625	2.077419E-02			20	
Tetrachloroethylene	1.286128	7.103628	7.88525	2.914663E-02			SPCC (0.2)	
Tetrahydrofuran	0.1208846	26.53521	4.449	35.13646		0.9999762	0.99	
Toluene	5.122056	12.65861	7.3265	1.921118E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.787065	9.490549	3.7235	7.667561E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	1.241898	5.408541	7.564	0.0194443			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.5000639	4.952275	10.24525	3.266789E-02			20	
trans-decahydronaphthalene	0.1873965	21.1573	11.68575	3.441012E-02		0.9944578	0.99	
Trichloroethylene	1.207572	11.66742	6.083625	4.825564E-02			SPCC (0.2)	
Trichlorofluoromethane	6.130634	10.36309	2.4915	0.110789			SPCC (0.1)	
Vinyl acetate	0.2453359	17.99321	4.157	7.587932E-02			20	
Vinyl Chloride	2.8081	11.40996	1.812	0.1765901			SPCC (0.1)	

Quantitation Report (QT Reviewed)

Data File : V10C15374.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:08 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:09 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	124763	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	167594	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	214888	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	223117	11.10	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 111.00%				
59) Toluene-d8 (SURR)	7.480	98	988327	9.64	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.40%				
81) p-Bromofluorobenzene (...	10.266	95	312704	9.65	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 96.50%				
Target Compounds							Qvalue
2) Freon 115	1.463	85	437	0.14	ppb	#	86
3) Freon 152a	1.605	51	2998	0.12	ppb		90
4) Dichlorodifluoromethane	1.622	85	3356	0.12	ppb		90
5) Freon 22	1.658	51	3576	0.11	ppb		90
6) Chloromethane	1.834	50	3706	0.13	ppb	#	94
7) Vinyl Chloride	1.944	62	3517	0.10	ppb	#	53
8) Bromomethane	2.304	94	537	0.08	ppb	#	60
9) Chloroethane	2.407	64	1742	0.11	ppb		97
10) Trichlorofluoromethane	2.639	101	3714	0.11	ppb		95
11) Ethyl Ether	2.938	59	1972	0.14	ppb		95
12) Ethanol	2.932	45	2592	6.55	ppb	#	76
13) Freon 123	3.054	83	3599	0.11	ppb	#	93
14) 1,1-Dichloroethylene	3.176	61	4343	0.11	ppb		97
15) Freon 113	3.133	101	2183	0.10	ppb		95
16) Acrolein	3.139	56	886	0.65	ppb		99
17) Acetone	3.285	58	866	0.70	ppb		78
18) Iodomethane	3.365	142	598	0.04	ppb	#	50
19) Carbon disulfide	3.401	76	10282	0.14	ppb		100
20) Allyl Chloride	3.554	41	5395	0.12	ppb		99
21) Methyl Acetate	3.578	43	1848	0.23	ppb	#	55
22) tert-Butyl Alcohol (TBA)	3.822	59	475	0.68	ppb	#	69
23) Methylene Chloride	3.694	49	89421	2.41	ppb		99
24) Acrylonitrile	3.980	53	2003	0.56	ppb		94
25) trans-1,2-Dichloroethy...	3.925	61	4102	0.11	ppb		98
26) tert-Butyl Methyl Ethe...	3.889	73	5272	0.15	ppb		94
27) n-hexane	4.102	57	5831	0.12	ppb		95
28) 1,1-Dichloroethane	4.352	63	4990	0.10	ppb	#	97
30) Diisopropyl ether (DIPE)	4.328	45	9143	0.12	ppb		98
31) Ethyl-tert-Butyl ether...	4.669	59	6774	0.12	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	4409	0.11	ppb		96
34) 2,2-Dichloropropane	4.864	77	3479	0.10	ppb		90
35) Tetrahydrofuran	5.163	71	482	0.50	ppb		74
36) Bromochloromethane	5.145	49	1976	0.12	ppb		88
37) Chloroform	5.206	83	4764	0.12	ppb		95
38) 1,1,1-Trichloroethane	5.340	97	3385	0.10	ppb		95
39) Cyclohexane	5.352	56	5944	0.11	ppb		96
40) 1,1-Dichloropropylene	5.480	75	3949	0.11	ppb	#	95
42) Carbon Tetrachloride	5.480	117	2701	0.10	ppb		97
43) tert-Amyl alcohol (TAA)	5.687	59	658	0.91	ppb	#	1
44) 1,2-Dichloroethane	5.754	62	3134	0.15	ppb	#	95
45) Benzene	5.693	78	11863	0.11	ppb	#	1

Data File : V10C15374.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:08 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:09 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.748	73	5207	0.11	ppb		88
48) Trichloroethylene	6.303	95	2905	0.11	ppb		92
49) Methyl Cyclohexane	6.425	83	5055	0.10	ppb		90
50) Methyl Methacrylate	6.620	69	684	0.09	ppb	#	66
51) Dibromomethane	6.699	93	900	0.11	ppb		92
52) Bromodichloromethane	6.833	83	2731	0.11	ppb	#	94
53) 1,2-Dichloropropane	6.547	63	2843	0.11	ppb		95
54) 1,4-Dioxane	6.699	88	191	2.20	ppb		85
55) 2-Nitropropane	7.089	43	1280	0.50	ppb		99
57) cis-1,3-Dichloropropene	7.254	75	3121	0.10	ppb		95
58) 4-Methyl-2-Pentanone	7.382	43	964	0.11	ppb	#	45
60) Toluene	7.553	91	12626	0.12	ppb		96
61) n-Octane	7.559	85	1445	0.11	ppb		82
62) Ethyl Methacrylate	7.839	69	1578	0.09	ppb		90
63) trans-1,3-Dichloropropene	7.821	75	2222	0.10	ppb	#	83
64) 1,1,2-Trichloroethane	8.022	97	1323	0.12	ppb		97
65) 1,3-Dichloropropane	8.187	76	2486	0.11	ppb		92
66) Tetrachloroethylene	8.089	166	2635	0.10	ppb		95
67) 2-Hexanone	8.236	43	592	0.10	ppb	#	42
68) n-Butyl Actetate	8.321	43	1688	0.11	ppb	#	91
69) Dibromochloromethane	8.431	129	1155	0.10	ppb	#	89
70) 1,2-Dibromoethane	8.553	107	1036	0.10	ppb		94
71) Chlorobenzene	9.022	112	6398	0.11	ppb	#	1
72) 1,1,1,2-tetrachloroethane	9.107	131	1572	0.10	ppb	#	49
73) n-Nonane	9.150	57	1422	0.11	ppb	#	86
74) Ethyl Benzene	9.101	91	13563	0.12	ppb		98
75) p- & m-Xylenes	9.223	91	21774	0.25	ppb		99
76) o-Xylene	9.662	91	9729	0.12	ppb		98
77) Styrene	9.693	104	5317	0.09	ppb		94
78) Bromoform	9.961	173	424	0.08	ppb	#	27
80) Isopropylbenzene	10.040	105	9926	0.09	ppb		96
82) 1,1,2,2-Tetrachloroethane	10.461	83	1276	0.11	ppb		85
83) Bromobenzene	10.436	77	3676	0.11	ppb		95
84) trans-1,4-Dichloro-2-b...	10.516	75	1373	0.11	ppb	#	27
85) 1,2,3-Trichloropropane	10.522	110	295	0.10	ppb	#	43
86) n-Propylbenzene	10.497	91	13323	0.11	ppb		99
87) n-Decane	10.601	57	1284	0.12	ppb	#	67
88) p-Ethyltoluene	10.619	105	9680	0.10	ppb		100
89) 1,3,5-Trimethylbenzene	10.680	105	7126	0.10	ppb		99
90) 2-Chlorotoluene	10.625	91	7971	0.10	ppb		98
91) 4-Chlorotoluene	10.753	91	6759	0.10	ppb		95
92) tert-Butylbenzene	11.052	119	5652	0.09	ppb		94
93) 1,2,4-Trimethylbenzene	11.113	105	7627	0.11	ppb		98
94) sec-Butylbenzene	11.290	105	8027	0.09	ppb		96
95) Limonene	11.381	68	1692	0.08	ppb	#	94
96) 1,3-Dichlorobenzene	11.473	146	3358	0.11	ppb		96
97) p-Isopropyltoluene	11.448	119	6153	0.09	ppb	#	94
98) 1,4-Dichlorobenzene	11.576	146	3024	0.10	ppb		93
99) 1,2,3-Trimethylbenzene	11.601	105	6276	0.10	ppb		96
100) p-Diethylbenzene	11.887	105	3263	0.10	ppb	#	84
101) trans-Decahydronapthalene	11.875	138	858	0.11	ppb	#	90
102) 1,2-Dichlorobenzene	12.009	146	2941	0.12	ppb	#	16
103) n-Butylbenzene	11.912	91	6278	0.09	ppb	#	89
104) Hexachloroethane	12.259	119	757	0.09	ppb		82
105) n-Undecane	11.942	71	354	0.10	ppb	#	81

Quantitation Report (QT Reviewed)

Data File : V10C15374.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:08 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:09 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

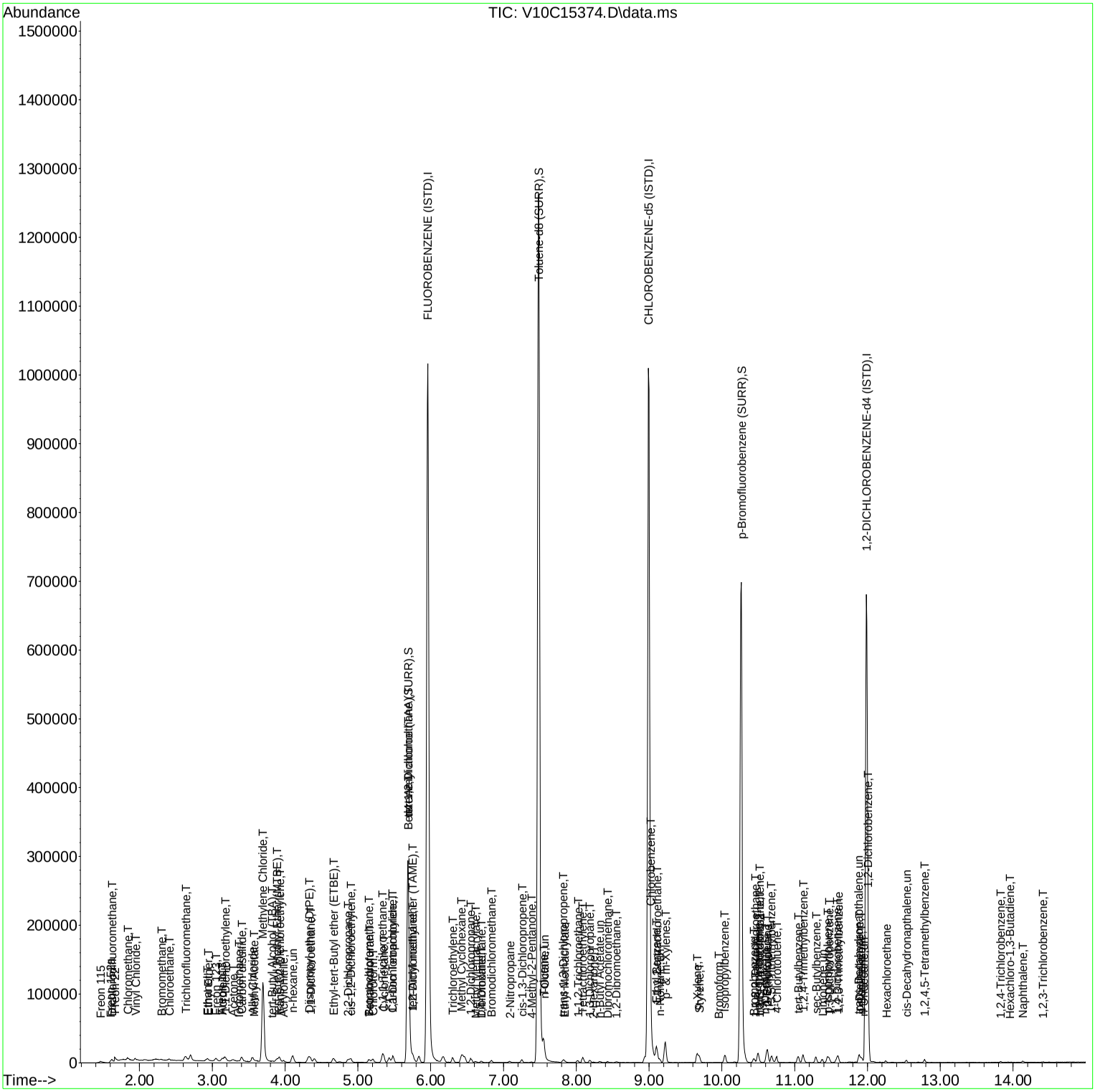
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.540	138	514	0.09	ppb	#	88
108) 1,2,4,5-Tetramethylben...	12.783	119	3464	0.09	ppb	#	96
110) 1,2,4-Trichlorobenzene	13.832	180	696	0.11	ppb	#	79
111) Hexachloro-1,3-Butadiene	13.954	225	366	0.12	ppb	#	47
112) Naphthalene	14.137	128	2300	0.20	ppb	#	79
113) 1,2,3-Trichlorobenzene	14.405	180	372	0.12	ppb	#	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15374.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:08 pm
Operator : PMB
Sample : SEQ-CAL1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:09 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15375.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:37 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:12 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	128052	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	170761	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	206280	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	217658	10.55	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 105.50%				
59) Toluene-d8 (SURR)	7.480	98	1017997	9.74	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 97.40%				
81) p-Bromofluorobenzene (...	10.259	95	306882	9.86	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.60%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	1379	0.43	ppb		91
3) Freon 152a	1.605	51	7106	0.29	ppb		97
4) Dichlorodifluoromethane	1.628	85	8973	0.32	ppb		99
5) Freon 22	1.652	51	10246	0.31	ppb		96
6) Chloromethane	1.840	50	9272	0.31	ppb	#	93
7) Vinyl Chloride	1.944	62	9943	0.28	ppb		85
8) Bromomethane	2.304	94	1325	0.19	ppb		91
9) Chloroethane	2.407	64	4930	0.30	ppb		93
10) Trichlorofluoromethane	2.645	101	9304	0.26	ppb		95
11) Ethyl Ether	2.932	59	4264	0.29	ppb	#	95
12) Ethanol	2.926	45	5033	12.39	ppb		93
13) Freon 123	3.047	83	9526	0.28	ppb		95
14) 1,1-Dichloroethylene	3.182	61	11215	0.27	ppb		99
15) Freon 113	3.145	101	6389	0.30	ppb		97
16) Acrolein	3.139	56	1683	1.21	ppb		95
17) Acetone	3.279	58	807	0.64	ppb	#	44
18) Iodomethane	3.364	142	1695	0.11	ppb		80
19) Carbon disulfide	3.401	76	22212	0.30	ppb		99
20) Allyl Chloride	3.547	41	12849	0.27	ppb		99
21) Methyl Acetate	3.578	43	2790	0.34	ppb	#	72
22) tert-Butyl Alcohol (TBA)	3.810	59	921	1.29	ppb		90
23) Methylene Chloride	3.694	49	68675	1.80	ppb		99
24) Acrylonitrile	3.974	53	5173	1.42	ppb		97
25) trans-1,2-Dichloroethy...	3.919	61	10837	0.28	ppb		97
26) tert-Butyl Methyl Ethe...	3.889	73	11140	0.31	ppb		95
27) n-hexane	4.108	57	15014	0.31	ppb		98
28) 1,1-Dichloroethane	4.340	63	13466	0.27	ppb		98
29) Vinyl Acetate	4.376	86	489	0.20	ppb		22
30) Diisopropyl ether (DIPE)	4.322	45	21654	0.27	ppb		99
31) Ethyl-tert-Butyl ether...	4.663	59	15604	0.27	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	10690	0.27	ppb		100
33) 2-Butanone	4.925	72	114	0.09	ppb	#	1
34) 2,2-Dichloropropane	4.876	77	9121	0.27	ppb		92
35) Tetrahydrofuran	5.169	71	1218	1.24	ppb		88
36) Bromochloromethane	5.139	49	4984	0.29	ppb		94
37) Chloroform	5.206	83	11481	0.29	ppb		96
38) 1,1,1-Trichloroethane	5.334	97	9357	0.27	ppb		98
39) Cyclohexane	5.346	56	14981	0.26	ppb		98
40) 1,1-Dichloropropylene	5.486	75	10182	0.26	ppb		97
42) Carbon Tetrachloride	5.474	117	7367	0.26	ppb		98
43) tert-Amyl alcohol (TAA)	5.724	59	930m	1.26	ppb		

Data File : V10C15375.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:37 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:12 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	6496	0.31	ppb		99
45) Benzene	5.699	78	28788	0.27	ppb	#	1
46) tert-Amyl methyl ether...	5.736	73	11752	0.24	ppb		93
48) Trichloroethylene	6.303	95	7261	0.28	ppb		97
49) Methyl Cyclohexane	6.431	83	13166	0.26	ppb		96
50) Methyl Methacrylate	6.614	69	1709	0.22	ppb		89
51) Dibromomethane	6.693	93	2188	0.27	ppb		97
52) Bromodichloromethane	6.827	83	6413	0.25	ppb		98
53) 1,2-Dichloropropane	6.553	63	7018	0.27	ppb		99
54) 1,4-Dioxane	6.687	88	579	6.55	ppb	#	69
55) 2-Nitropropane	7.083	43	3030	1.15	ppb		99
57) cis-1,3-Dichloropropene	7.248	75	7280	0.22	ppb		95
58) 4-Methyl-2-Pentanone	7.388	43	2206	0.25	ppb	#	82
60) Toluene	7.553	91	30466	0.28	ppb		99
61) n-Octane	7.553	85	3254	0.25	ppb		83
62) Ethyl Methacrylate	7.839	69	3689	0.22	ppb		95
63) trans-1,3-Dichloropropene	7.815	75	5328	0.23	ppb		85
64) 1,1,2-Trichloroethane	8.022	97	2890	0.25	ppb		97
65) 1,3-Dichloropropane	8.193	76	6286	0.26	ppb		98
66) Tetrachloroethylene	8.089	166	6635	0.24	ppb		98
67) 2-Hexanone	8.235	43	1365	0.23	ppb	#	78
68) n-Butyl Actetate	8.321	43	3636	0.22	ppb	#	96
69) Dibromochloromethane	8.431	129	2969	0.24	ppb	#	90
70) 1,2-Dibromoethane	8.552	107	2516	0.25	ppb		99
71) Chlorobenzene	9.028	112	15255	0.26	ppb	#	8
72) 1,1,1,2-tetrachloroethane	9.113	131	4147	0.25	ppb	#	48
73) n-Nonane	9.150	57	3215	0.25	ppb	#	96
74) Ethyl Benzene	9.101	91	32148	0.27	ppb		99
75) p- & m-Xylenes	9.223	91	46079	0.52	ppb		96
76) o-Xylene	9.662	91	21369	0.25	ppb		98
77) Styrene	9.686	104	13720	0.22	ppb		99
78) Bromoform	9.961	173	1031	0.20	ppb		93
80) Isopropylbenzene	10.040	105	24053	0.23	ppb		98
82) 1,1,2,2-Tetrachloroethane	10.467	83	2683	0.24	ppb		93
83) Bromobenzene	10.436	77	9012	0.27	ppb		95
84) trans-1,4-Dichloro-2-b...	10.509	75	2869	0.24	ppb		88
85) 1,2,3-Trichloropropane	10.516	110	643	0.23	ppb	#	48
86) n-Propylbenzene	10.497	91	30634	0.25	ppb		99
87) n-Decane	10.607	57	2382	0.24	ppb		83
88) p-Ethyltoluene	10.619	105	22136	0.24	ppb		96
89) 1,3,5-Trimethylbenzene	10.680	105	17395	0.24	ppb		98
90) 2-Chlorotoluene	10.625	91	18783	0.25	ppb		99
91) 4-Chlorotoluene	10.747	91	16748	0.26	ppb		98
92) tert-Butylbenzene	11.046	119	13390	0.23	ppb		96
93) 1,2,4-Trimethylbenzene	11.113	105	15959	0.24	ppb		98
94) sec-Butylbenzene	11.290	105	18906	0.23	ppb		98
95) Limonene	11.375	68	4164	0.20	ppb		95
96) 1,3-Dichlorobenzene	11.473	146	7610	0.26	ppb		98
97) p-Isopropyltoluene	11.448	119	15045	0.23	ppb		98
98) 1,4-Dichlorobenzene	11.576	146	7594	0.26	ppb		97
99) 1,2,3-Trimethylbenzene	11.595	105	14514	0.23	ppb		99
100) p-Diethylbenzene	11.887	105	7155	0.22	ppb		95
101) trans-Decahydronapthalene	11.881	138	1698	0.22	ppb		90
102) 1,2-Dichlorobenzene	12.009	146	6188	0.27	ppb	#	61
103) n-Butylbenzene	11.918	91	15033	0.23	ppb		97

Quantitation Report (QT Reviewed)

Data File : V10C15375.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:37 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:12 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

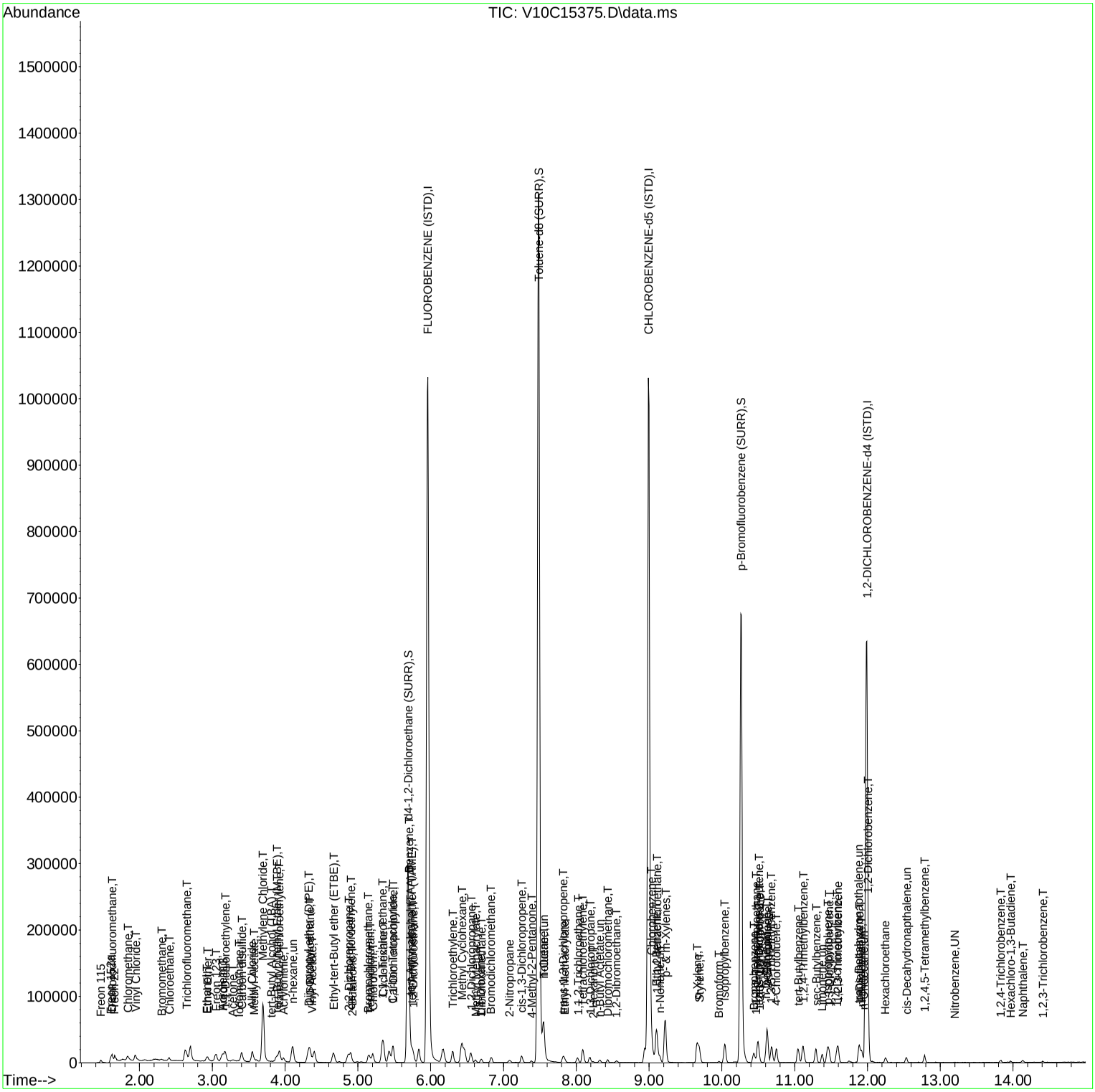
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
104) Hexachloroethane	12.247	119	1801	0.21	ppb		92
105) n-Undecane	11.948	71	696	0.20	ppb	#	74
106) cis-Decahydronapthalene	12.533	138	1164	0.21	ppb	#	74
108) 1,2,4,5-Tetramethylben...	12.783	119	7380	0.20	ppb		97
109) Nitrobenzene	13.198	77	493	1.82	ppb	#	55
110) 1,2,4-Trichlorobenzene	13.826	180	1562	0.26	ppb		92
111) Hexachloro-1,3-Butadiene	13.966	225	787	0.26	ppb	#	73
112) Naphthalene	14.131	128	3755	0.34	ppb	#	88
113) 1,2,3-Trichlorobenzene	14.405	180	765	0.26	ppb	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15375.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 5:37 pm
Operator : PMB
Sample : SEQ-CAL2
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:12 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15376.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:05 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 95
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:15 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	124745	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	171668	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	216097	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	224383	11.16	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 111.60%				
59) Toluene-d8 (SURR)	7.479	98	1003112	9.55	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 95.50%				
81) p-Bromofluorobenzene (...	10.266	95	314518	9.65	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 96.50%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	2727	0.88	ppb		98
3) Freon 152a	1.610	51	15365	0.64	ppb		92
4) Dichlorodifluoromethane	1.622	85	17563	0.64	ppb		97
5) Freon 22	1.657	51	18032	0.55	ppb		98
6) Chloromethane	1.834	50	17592	0.61	ppb		100
7) Vinyl Chloride	1.938	62	19262	0.55	ppb		84
8) Bromomethane	2.298	94	2592	0.38	ppb		98
9) Chloroethane	2.401	64	9252	0.58	ppb		99
10) Trichlorofluoromethane	2.645	101	18695	0.55	ppb		98
11) Ethyl Ether	2.932	59	8947	0.63	ppb	#	95
12) Ethanol	2.938	45	10528	26.60	ppb	#	97
13) Freon 123	3.054	83	18416	0.55	ppb		98
14) 1,1-Dichloroethylene	3.175	61	21808	0.54	ppb		99
15) Freon 113	3.145	101	12057	0.57	ppb		97
16) Acrolein	3.139	56	3445	2.54	ppb		97
17) Acetone	3.279	58	1235	1.01	ppb		47
18) Iodomethane	3.364	142	3829	0.25	ppb		98
19) Carbon disulfide	3.407	76	41153	0.57	ppb		99
20) Allyl Chloride	3.547	41	26302	0.57	ppb		100
21) Methyl Acetate	3.584	43	6021	0.75	ppb		90
22) tert-Butyl Alcohol (TBA)	3.822	59	2361	3.39	ppb	#	90
23) Methylene Chloride	3.694	49	76968	2.07	ppb		100
24) Acrylonitrile	3.974	53	11056	3.12	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	20729	0.54	ppb		98
26) tert-Butyl Methyl Ethe...	3.889	73	24448	0.70	ppb		97
27) n-hexane	4.102	57	28154	0.59	ppb		99
28) 1,1-Dichloroethane	4.346	63	26577	0.55	ppb		99
29) Vinyl Acetate	4.376	86	1284	0.54	ppb		67
30) Diisopropyl ether (DIPE)	4.322	45	43971	0.57	ppb		99
31) Ethyl-tert-Butyl ether...	4.663	59	31902	0.56	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	21617	0.55	ppb		100
33) 2-Butanone	4.937	72	540	0.45	ppb	#	28
34) 2,2-Dichloropropane	4.870	77	18389	0.55	ppb		95
35) Tetrahydrofuran	5.175	71	2709	2.83	ppb		86
36) Bromochloromethane	5.145	49	10052	0.60	ppb		96
37) Chloroform	5.206	83	22240	0.57	ppb		98
38) 1,1,1-Trichloroethane	5.334	97	17700	0.52	ppb		99
39) Cyclohexane	5.346	56	29759	0.53	ppb		97
40) 1,1-Dichloropropylene	5.486	75	20446	0.54	ppb		98
42) Carbon Tetrachloride	5.474	117	13975	0.50	ppb		97
43) tert-Amyl alcohol (TAA)	5.718	59	2754	3.82	ppb		70

Data File : V10C15376.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:05 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 95
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:15 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	13107	0.63	ppb		98
45) Benzene	5.699	78	57700	0.56	ppb	#	1
46) tert-Amyl methyl ether...	5.742	73	26223	0.56	ppb		94
48) Trichloroethylene	6.303	95	13486	0.51	ppb		99
49) Methyl Cyclohexane	6.431	83	25984	0.52	ppb		96
50) Methyl Methacrylate	6.614	69	4154	0.54	ppb		93
51) Dibromomethane	6.699	93	4511	0.55	ppb		95
52) Bromodichloromethane	6.827	83	13003	0.50	ppb		98
53) 1,2-Dichloropropane	6.553	63	14103	0.53	ppb		98
54) 1,4-Dioxane	6.687	88	1443	16.25	ppb		91
55) 2-Nitropropane	7.089	43	7189	2.72	ppb		100
56) 2-Chloroethyl vinyl ether	7.108	63	56	0.35	ppb	#	68
57) cis-1,3-Dichloropropene	7.254	75	16085	0.48	ppb		98
58) 4-Methyl-2-Pentanone	7.382	43	5020	0.56	ppb	#	89
60) Toluene	7.547	91	58072	0.53	ppb		100
61) n-Octane	7.559	85	7289	0.56	ppb		96
62) Ethyl Methacrylate	7.839	69	7908	0.46	ppb		97
63) trans-1,3-Dichloropropene	7.815	75	11488	0.49	ppb		97
64) 1,1,2-Trichloroethane	8.016	97	6608	0.56	ppb		96
65) 1,3-Dichloropropane	8.187	76	13220	0.55	ppb		96
66) Tetrachloroethylene	8.095	166	13305	0.47	ppb		99
67) 2-Hexanone	8.229	43	3142	0.54	ppb	#	95
68) n-Butyl Actetate	8.321	43	8656	0.53	ppb	#	97
69) Dibromochloromethane	8.431	129	6120	0.49	ppb		99
70) 1,2-Dibromoethane	8.552	107	5619	0.55	ppb		96
71) Chlorobenzene	9.028	112	30708	0.53	ppb	#	52
72) 1,1,1,2-tetrachloroethane	9.107	131	8390	0.50	ppb	#	66
73) n-Nonane	9.144	57	6733	0.51	ppb		97
74) Ethyl Benzene	9.101	91	62756	0.52	ppb		99
75) p- & m-Xylenes	9.223	91	95963	1.07	ppb		99
76) o-Xylene	9.662	91	43352	0.51	ppb		99
77) Styrene	9.692	104	29557	0.47	ppb		98
78) Bromoform	9.955	173	2538	0.48	ppb		94
80) Isopropylbenzene	10.040	105	50325	0.47	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.467	83	6400	0.56	ppb		100
83) Bromobenzene	10.436	77	18348	0.53	ppb		99
84) trans-1,4-Dichloro-2-b...	10.509	75	6939	0.56	ppb		94
85) 1,2,3-Trichloropropane	10.503	110	1749	0.58	ppb		91
86) n-Propylbenzene	10.491	91	62702	0.49	ppb		99
87) n-Decane	10.601	57	5375	0.52	ppb		98
88) p-Ethyltoluene	10.619	105	47671	0.49	ppb		100
89) 1,3,5-Trimethylbenzene	10.680	105	37917	0.51	ppb		99
90) 2-Chlorotoluene	10.625	91	39327	0.51	ppb		99
91) 4-Chlorotoluene	10.747	91	34391	0.51	ppb		98
92) tert-Butylbenzene	11.046	119	29012	0.47	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	34379	0.49	ppb		98
94) sec-Butylbenzene	11.290	105	41634	0.48	ppb		98
95) Limonene	11.381	68	9705	0.44	ppb		96
96) 1,3-Dichlorobenzene	11.473	146	16685	0.54	ppb		99
97) p-Isopropyltoluene	11.448	119	32873	0.47	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	16014	0.53	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	31967	0.49	ppb		99
100) p-Diethylbenzene	11.887	105	16185	0.47	ppb		98
101) trans-Decahydronapthalene	11.881	138	4212	0.52	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	13350	0.55	ppb	#	82

Quantitation Report (QT Reviewed)

Data File : V10C15376.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:05 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 95
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:15 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

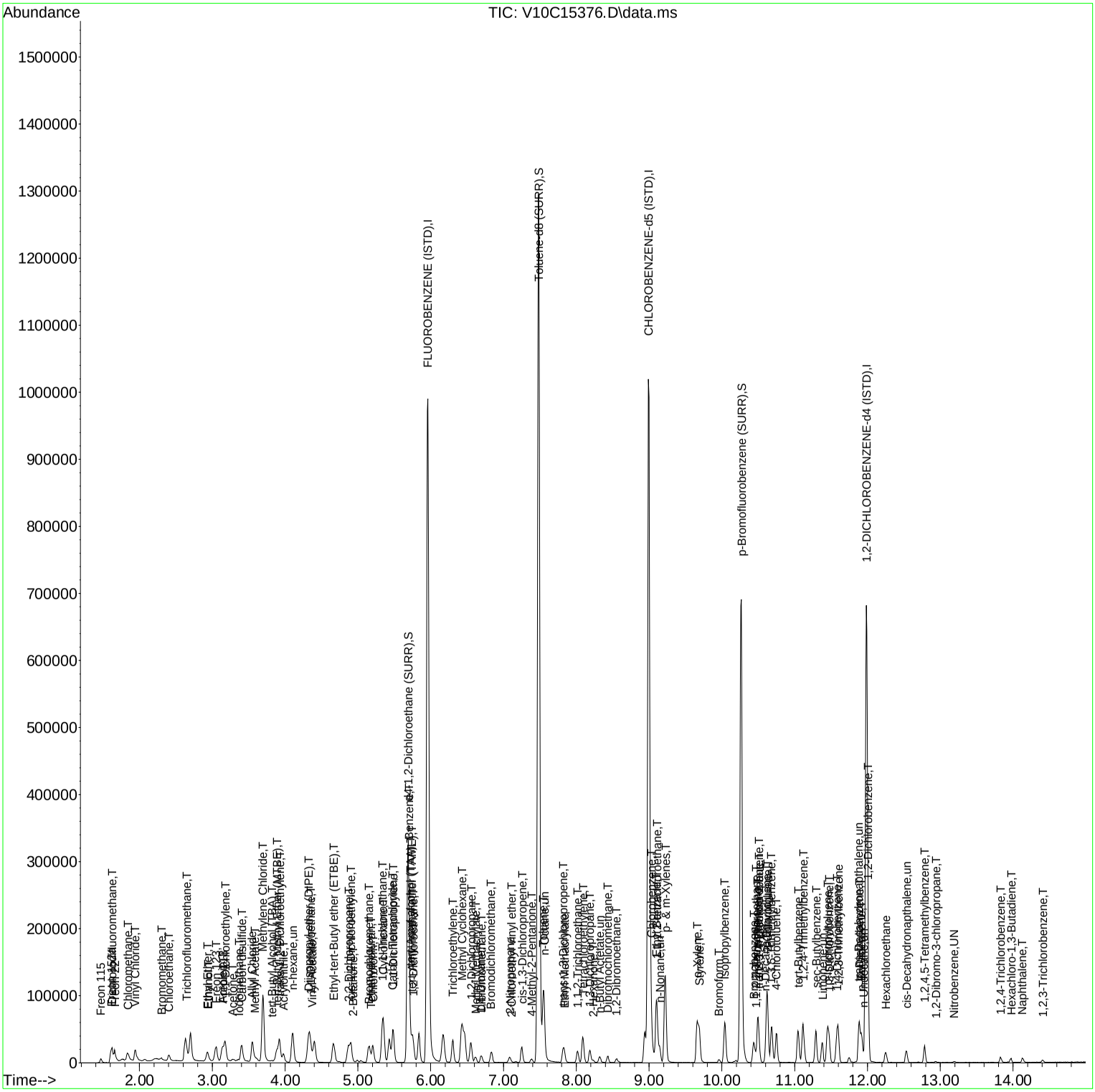
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	33634	0.50	ppb		98
104) Hexachloroethane	12.253	119	3988	0.45	ppb		94
105) n-Undecane	11.942	71	1723	0.48	ppb	#	82
106) cis-Decahydronapthalene	12.539	138	2813	0.49	ppb	#	96
107) 1,2-Dibromo-3-chloropr...	12.942	75	462	0.39	ppb	#	47
108) 1,2,4,5-Tetramethylben...	12.783	119	16672	0.42	ppb		98
109) Nitrobenzene	13.186	77	1221	4.30	ppb		94
110) 1,2,4-Trichlorobenzene	13.832	180	3327	0.53	ppb		97
111) Hexachloro-1,3-Butadiene	13.972	225	1771	0.56	ppb		90
112) Naphthalene	14.125	128	6773	0.59	ppb		97
113) 1,2,3-Trichlorobenzene	14.405	180	1618	0.53	ppb	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15376.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:05 pm
Operator : PMB
Sample : SEQ-CAL3
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 95
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:15 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15377.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:34 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:18 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	129659	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	174569	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	210796	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	219730	10.52	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 105.20%				
59) Toluene-d8 (SURR)	7.480	98	1027354	9.62	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.20%				
81) p-Bromofluorobenzene (...	10.259	95	315497	9.92	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 99.20%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	3531	1.09	ppb		98
3) Freon 152a	1.605	51	23640	0.95	ppb		99
4) Dichlorodifluoromethane	1.628	85	28637	1.01	ppb		99
5) Freon 22	1.652	51	32506	0.96	ppb		100
6) Chloromethane	1.834	50	29696	0.99	ppb		99
7) Vinyl Chloride	1.938	62	34347	0.95	ppb		100
8) Bromomethane	2.298	94	4552	0.65	ppb		97
9) Chloroethane	2.407	64	16549	1.00	ppb		99
10) Trichlorofluoromethane	2.645	101	33981	0.96	ppb		99
11) Ethyl Ether	2.932	59	14340	0.98	ppb		95
12) Ethanol	2.932	45	17323	42.11	ppb		99
13) Freon 123	3.047	83	32575	0.93	ppb		100
14) 1,1-Dichloroethylene	3.176	61	38245	0.92	ppb		99
15) Freon 113	3.145	101	21951	1.00	ppb		97
16) Acrolein	3.139	56	5531	3.93	ppb		97
17) Acetone	3.291	58	1776	1.39	ppb		74
18) Iodomethane	3.352	142	8221	0.52	ppb		94
19) Carbon disulfide	3.401	76	71595	0.95	ppb		98
20) Allyl Chloride	3.547	41	45419	0.95	ppb		99
21) Methyl Acetate	3.578	43	8990	1.08	ppb		96
22) tert-Butyl Alcohol (TBA)	3.816	59	3296	4.55	ppb	#	79
23) Methylene Chloride	3.694	49	90604	2.35	ppb		99
24) Acrylonitrile	3.974	53	18427	5.00	ppb		98
25) trans-1,2-Dichloroethy...	3.919	61	37853	0.95	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	39275	1.08	ppb		97
27) n-hexane	4.102	57	48255	0.97	ppb		95
28) 1,1-Dichloroethane	4.346	63	46470	0.93	ppb		99
29) Vinyl Acetate	4.370	86	2125	0.85	ppb		85
30) Diisopropyl ether (DIPE)	4.322	45	75069	0.93	ppb		98
31) Ethyl-tert-Butyl ether...	4.663	59	55036	0.93	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	37439	0.92	ppb		99
33) 2-Butanone	4.937	72	976	0.79	ppb	#	33
34) 2,2-Dichloropropane	4.870	77	32143	0.92	ppb		95
35) Tetrahydrofuran	5.163	71	4607	4.63	ppb		98
36) Bromochloromethane	5.145	49	16362	0.94	ppb		99
37) Chloroform	5.206	83	37675	0.94	ppb		99
38) 1,1,1-Trichloroethane	5.334	97	32493	0.92	ppb		99
39) Cyclohexane	5.346	56	53729	0.93	ppb		98
40) 1,1-Dichloropropylene	5.486	75	36116	0.93	ppb		98
42) Carbon Tetrachloride	5.480	117	25249	0.87	ppb		99
43) tert-Amyl alcohol (TAA)	5.724	59	3879	5.17	ppb		85

Data File : V10C15377.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:34 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:18 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	20118	0.94	ppb		96
45) Benzene	5.693	78	100374	0.93	ppb	#	8
46) tert-Amyl methyl ether...	5.742	73	43506	0.89	ppb		93
48) Trichloroethylene	6.303	95	24072	0.90	ppb		98
49) Methyl Cyclohexane	6.425	83	45897	0.90	ppb		97
50) Methyl Methacrylate	6.614	69	6945	0.88	ppb		94
51) Dibromomethane	6.693	93	7770	0.94	ppb		97
52) Bromodichloromethane	6.827	83	23333	0.88	ppb		99
53) 1,2-Dichloropropane	6.547	63	24825	0.92	ppb		99
54) 1,4-Dioxane	6.693	88	2118	23.45	ppb		91
55) 2-Nitropropane	7.089	43	11390	4.24	ppb		95
56) 2-Chloroethyl vinyl ether	7.095	63	198	1.22	ppb	#	68
57) cis-1,3-Dichloropropene	7.248	75	27855	0.83	ppb		97
58) 4-Methyl-2-Pentanone	7.382	43	8007	0.87	ppb	#	97
60) Toluene	7.547	91	101770	0.91	ppb		100
61) n-Octane	7.553	85	12309	0.94	ppb		95
62) Ethyl Methacrylate	7.833	69	13570	0.78	ppb		95
63) trans-1,3-Dichloropropene	7.815	75	19844	0.83	ppb		97
64) 1,1,2-Trichloroethane	8.016	97	10839	0.91	ppb		97
65) 1,3-Dichloropropane	8.187	76	21681	0.89	ppb		94
66) Tetrachloroethylene	8.089	166	23809	0.83	ppb		98
67) 2-Hexanone	8.236	43	5403	0.91	ppb		91
68) n-Butyl Actetate	8.315	43	13685	0.82	ppb	#	99
69) Dibromochloromethane	8.431	129	10415	0.83	ppb		99
70) 1,2-Dibromoethane	8.553	107	9460	0.91	ppb		98
71) Chlorobenzene	9.022	112	53146	0.90	ppb	#	73
72) 1,1,1,2-tetrachloroethane	9.113	131	14376	0.84	ppb	#	69
73) n-Nonane	9.144	57	11915	0.89	ppb		98
74) Ethyl Benzene	9.101	91	107559	0.88	ppb		100
75) p- & m-Xylenes	9.217	91	159039	1.75	ppb		99
76) o-Xylene	9.662	91	73691	0.86	ppb		100
77) Styrene	9.686	104	52583	0.83	ppb		99
78) Bromoform	9.961	173	4071	0.76	ppb		97
80) Isopropylbenzene	10.040	105	90591	0.86	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.467	83	10553	0.94	ppb		96
83) Bromobenzene	10.436	77	30504	0.91	ppb		99
84) trans-1,4-Dichloro-2-b...	10.509	75	10982	0.91	ppb		96
85) 1,2,3-Trichloropropane	10.509	110	2611	0.89	ppb		98
86) n-Propylbenzene	10.497	91	109405	0.88	ppb		99
87) n-Decane	10.607	57	8960	0.89	ppb		98
88) p-Ethyltoluene	10.619	105	82941	0.87	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	64859	0.89	ppb		100
90) 2-Chlorotoluene	10.625	91	66819	0.89	ppb		98
91) 4-Chlorotoluene	10.747	91	58911	0.90	ppb		99
92) tert-Butylbenzene	11.046	119	51197	0.85	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	59211	0.87	ppb		100
94) sec-Butylbenzene	11.290	105	74159	0.87	ppb		99
95) Limonene	11.375	68	16922	0.79	ppb		97
96) 1,3-Dichlorobenzene	11.473	146	27402	0.91	ppb		99
97) p-Isopropyltoluene	11.448	119	57954	0.86	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	26492	0.89	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	53766	0.85	ppb		99
100) p-Diethylbenzene	11.887	105	27574	0.82	ppb	#	81
101) trans-Decahydronapthalene	11.881	138	6977	0.88	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	22149	0.93	ppb		90

Quantitation Report (QT Reviewed)

Data File : V10C15377.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:34 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:18 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

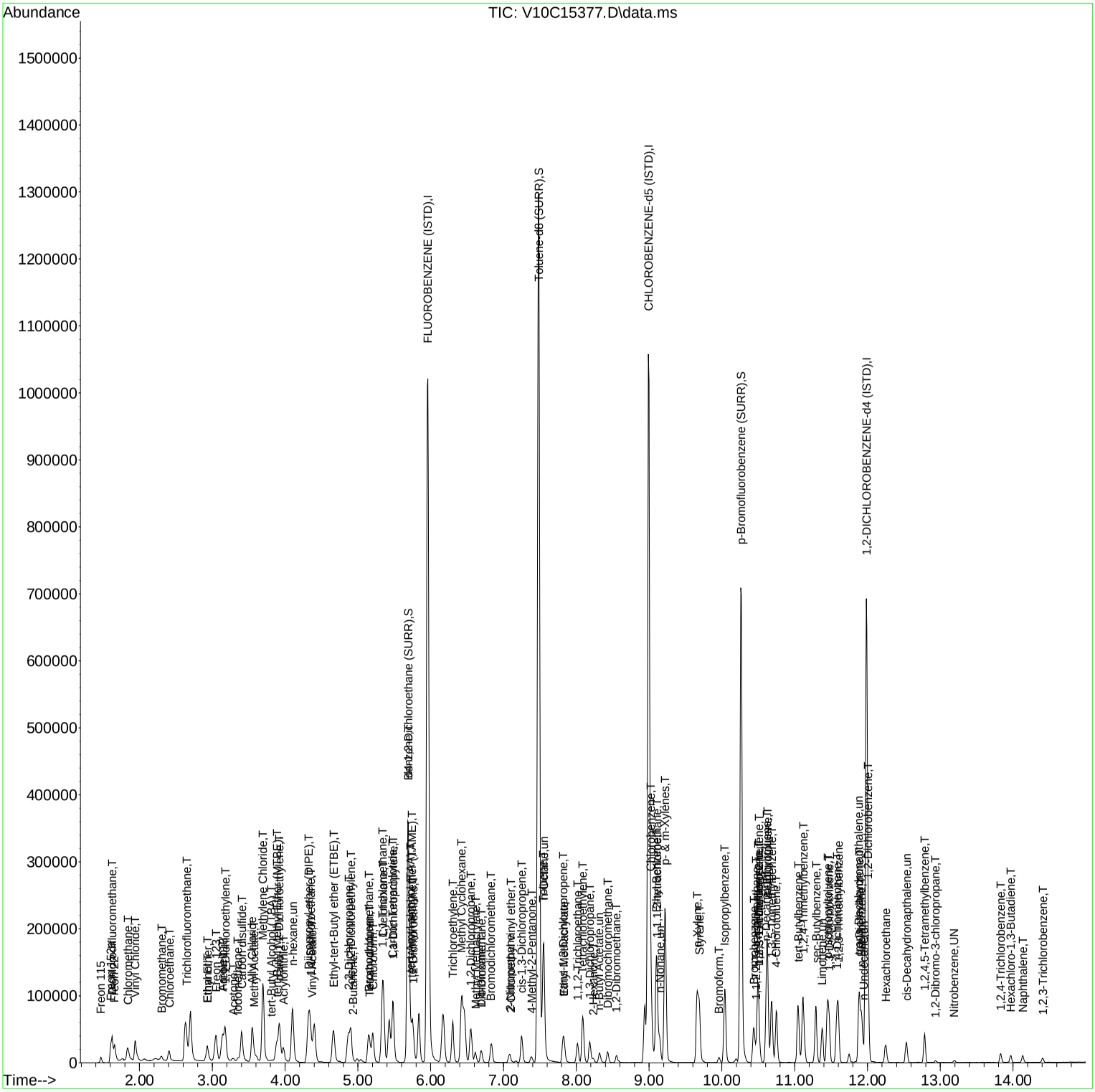
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.912	91	58076	0.88	ppb	#	89
104) Hexachloroethane	12.253	119	6350	0.74	ppb		98
105) n-Undecane	11.942	71	2998	0.86	ppb	#	82
106) cis-Decahydronapthalene	12.540	138	4562	0.81	ppb	#	94
107) 1,2-Dibromo-3-chloropr...	12.930	75	1054	0.92	ppb		79
108) 1,2,4,5-Tetramethylben...	12.783	119	29320	0.76	ppb		97
109) Nitrobenzene	13.192	77	2234	8.06	ppb		96
110) 1,2,4-Trichlorobenzene	13.832	180	5340	0.87	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	2660	0.86	ppb		95
112) Naphthalene	14.131	128	10014	0.89	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	2659	0.89	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15377.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 6:34 pm
Operator : PMB
Sample : SEQ-CAL4
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:18 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15378.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:02 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:21 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	125211	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	172860	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	212076	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	217532	10.78	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 107.80%				
59) Toluene-d8 (SURR)	7.480	98	1000582	9.46	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 94.60%				
81) p-Bromofluorobenzene (...	10.259	95	311593	9.74	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 97.40%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	7392	2.37	ppb		97
3) Freon 152a	1.605	51	49365	2.05	ppb		98
4) Dichlorodifluoromethane	1.628	85	57326	2.08	ppb		100
5) Freon 22	1.652	51	65396	2.00	ppb		99
6) Chloromethane	1.834	50	59961	2.08	ppb		99
7) Vinyl Chloride	1.938	62	69053	1.97	ppb		97
8) Bromomethane	2.298	94	10106	1.49	ppb		99
9) Chloroethane	2.401	64	32342	2.03	ppb		99
10) Trichlorofluoromethane	2.645	101	66896	1.95	ppb		99
11) Ethyl Ether	2.932	59	30122	2.12	ppb		95
12) Ethanol	2.932	45	34789	87.58	ppb		99
13) Freon 123	3.047	83	65895	1.96	ppb		100
14) 1,1-Dichloroethylene	3.176	61	78325	1.95	ppb		100
15) Freon 113	3.145	101	43581	2.06	ppb		96
16) Acrolein	3.133	56	11087	8.16	ppb		94
17) Acetone	3.285	58	3025	2.45	ppb		81
18) Iodomethane	3.358	142	20726	1.37	ppb		97
19) Carbon disulfide	3.401	76	146954	2.02	ppb		100
20) Allyl Chloride	3.547	41	92348	1.99	ppb		99
21) Methyl Acetate	3.578	43	18556	2.31	ppb		98
22) tert-Butyl Alcohol (TBA)	3.822	59	8223	11.76	ppb	#	84
23) Methylene Chloride	3.694	49	125173	3.35	ppb		99
24) Acrylonitrile	3.974	53	38101	10.70	ppb		99
25) trans-1,2-Dichloroethy...	3.925	61	76708	1.99	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	82810	2.37	ppb		96
27) n-hexane	4.102	57	95753	1.99	ppb		99
28) 1,1-Dichloroethane	4.346	63	96011	1.98	ppb		99
29) Vinyl Acetate	4.377	86	4615	1.92	ppb		87
30) Diisopropyl ether (DIPE)	4.322	45	157733	2.02	ppb		100
31) Ethyl-tert-Butyl ether...	4.669	59	116965	2.04	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	77125	1.96	ppb		98
33) 2-Butanone	4.931	72	2260	1.89	ppb		57
34) 2,2-Dichloropropane	4.870	77	65689	1.95	ppb		97
35) Tetrahydrofuran	5.163	71	10158	10.56	ppb		98
36) Bromochloromethane	5.145	49	34374	2.04	ppb		99
37) Chloroform	5.206	83	77868	2.01	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	65422	1.91	ppb		100
39) Cyclohexane	5.346	56	106539	1.91	ppb		99
40) 1,1-Dichloropropylene	5.486	75	73497	1.95	ppb		99
42) Carbon Tetrachloride	5.474	117	52788	1.88	ppb		98
43) tert-Amyl alcohol (TAA)	5.724	59	8404	11.61	ppb		89

Data File : V10C15378.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:02 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:21 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	44411	2.14	ppb		98
45) Benzene	5.699	78	207480	2.00	ppb	#	62
46) tert-Amyl methyl ether...	5.742	73	95720	2.03	ppb		96
48) Trichloroethylene	6.303	95	49098	1.85	ppb		99
49) Methyl Cyclohexane	6.425	83	93798	1.85	ppb		98
50) Methyl Methacrylate	6.614	69	15035	1.93	ppb		95
51) Dibromomethane	6.693	93	16338	1.99	ppb		99
52) Bromodichloromethane	6.833	83	48970	1.86	ppb		99
53) 1,2-Dichloropropane	6.553	63	49739	1.87	ppb		100
54) 1,4-Dioxane	6.687	88	4355	48.70	ppb		93
55) 2-Nitropropane	7.083	43	25515	9.60	ppb		96
56) 2-Chloroethyl vinyl ether	7.095	63	1029	6.42	ppb	#	68
57) cis-1,3-Dichloropropene	7.248	75	58764	1.76	ppb		97
58) 4-Methyl-2-Pentanone	7.382	43	17313	1.90	ppb	#	99
60) Toluene	7.547	91	207598	1.87	ppb		100
61) n-Octane	7.559	85	25367	1.95	ppb		97
62) Ethyl Methacrylate	7.833	69	30671	1.77	ppb		96
63) trans-1,3-Dichloropropene	7.815	75	43520	1.83	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	23430	1.99	ppb		99
65) 1,3-Dichloropropane	8.187	76	46960	1.95	ppb		98
66) Tetrachloroethylene	8.089	166	49487	1.74	ppb		99
67) 2-Hexanone	8.229	43	11195	1.90	ppb		98
68) n-Butyl Actetate	8.321	43	30956	1.87	ppb		98
69) Dibromochloromethane	8.431	129	23130	1.85	ppb		98
70) 1,2-Dibromoethane	8.553	107	20180	1.96	ppb		98
71) Chlorobenzene	9.022	112	111945	1.92	ppb		96
72) 1,1,1,2-tetrachloroethane	9.113	131	30958	1.82	ppb		90
73) n-Nonane	9.144	57	26472	2.00	ppb		98
74) Ethyl Benzene	9.101	91	224625	1.85	ppb		99
75) p- & m-Xylenes	9.223	91	341092	3.79	ppb		100
76) o-Xylene	9.662	91	158068	1.86	ppb		99
77) Styrene	9.686	104	115295	1.83	ppb		100
78) Bromoform	9.961	173	9583	1.82	ppb		99
80) Isopropylbenzene	10.040	105	194324	1.84	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	22611	2.00	ppb		99
83) Bromobenzene	10.436	77	63332	1.87	ppb		98
84) trans-1,4-Dichloro-2-b...	10.516	75	23838	1.97	ppb		96
85) 1,2,3-Trichloropropane	10.516	110	5572	1.90	ppb		100
86) n-Propylbenzene	10.497	91	232954	1.86	ppb		100
87) n-Decane	10.607	57	19827	1.95	ppb		99
88) p-Ethyltoluene	10.619	105	179459	1.87	ppb		99
89) 1,3,5-Trimethylbenzene	10.680	105	138969	1.90	ppb		99
90) 2-Chlorotoluene	10.625	91	143424	1.89	ppb		99
91) 4-Chlorotoluene	10.747	91	126432	1.93	ppb		100
92) tert-Butylbenzene	11.046	119	111418	1.84	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	130263	1.90	ppb		99
94) sec-Butylbenzene	11.290	105	160666	1.87	ppb		99
95) Limonene	11.375	68	39049	1.80	ppb		97
96) 1,3-Dichlorobenzene	11.473	146	58748	1.94	ppb		100
97) p-Isopropyltoluene	11.448	119	125413	1.85	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	56904	1.90	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	119933	1.89	ppb		100
100) p-Diethylbenzene	11.887	105	62816	1.86	ppb		98
101) trans-Decahydronapthalene	11.887	138	16292	2.05	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	46669	1.96	ppb		96

Quantitation Report (QT Reviewed)

Data File : V10C15378.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:02 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:21 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

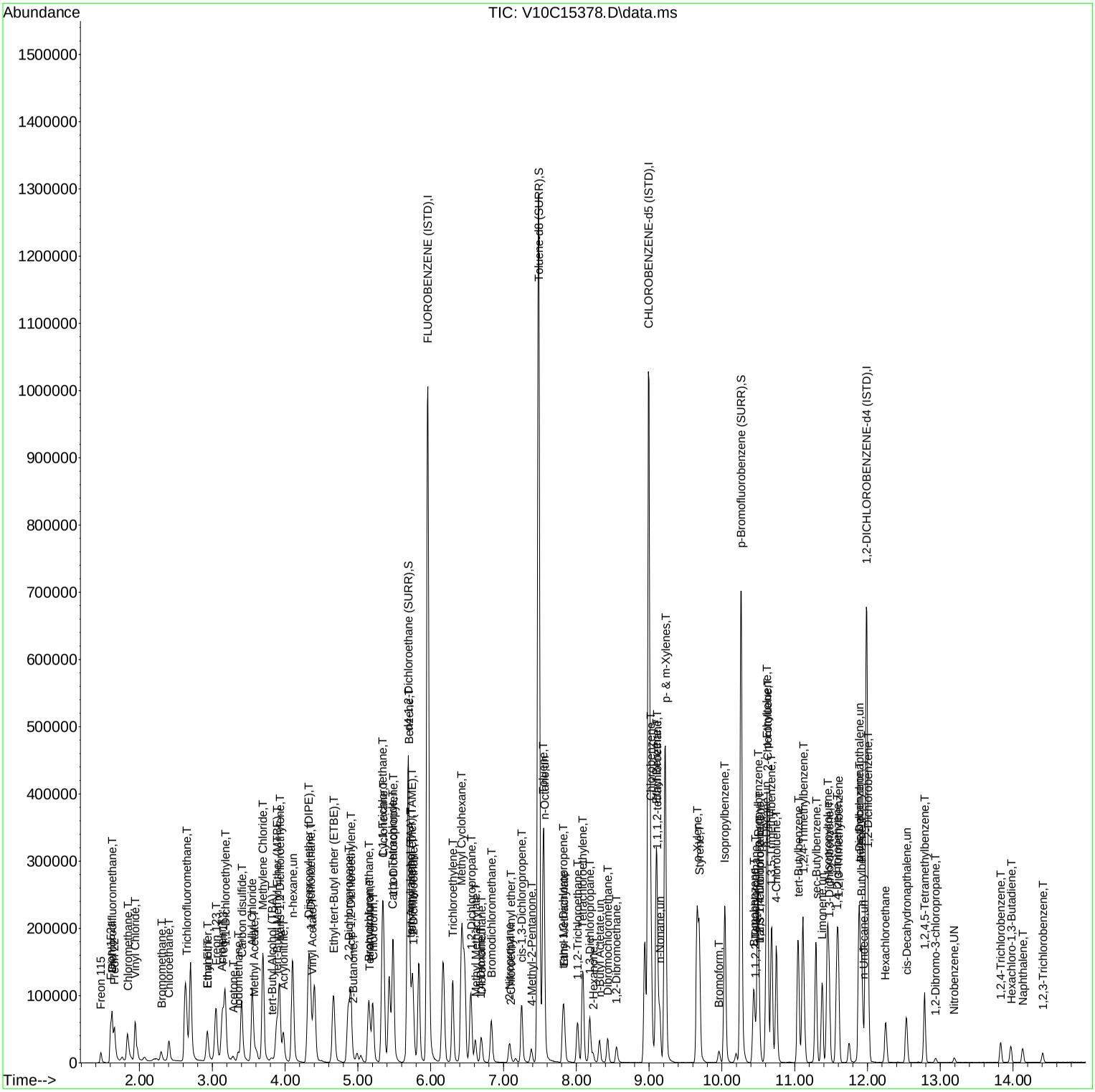
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	127588	1.92	ppb		98
104) Hexachloroethane	12.247	119	15047	1.73	ppb		97
105) n-Undecane	11.942	71	7253	2.07	ppb		88
106) cis-Decahydronapthalene	12.533	138	10932	1.94	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.930	75	2308	2.01	ppb		88
108) 1,2,4,5-Tetramethylben...	12.783	119	66014	1.70	ppb		99
109) Nitrobenzene	13.192	77	4938	17.70	ppb		95
110) 1,2,4-Trichlorobenzene	13.832	180	11712	1.90	ppb		93
111) Hexachloro-1,3-Butadiene	13.972	225	5969	1.93	ppb		98
112) Naphthalene	14.131	128	19966	1.77	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	5451	1.81	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15378.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:02 pm
Operator : PMB
Sample : SEQ-CAL5
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 97
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:21 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15379.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:31 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 98
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:24 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	125693	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	175953	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	208265	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	218423	10.78	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 107.80%				
59) Toluene-d8 (SURR)	7.479	98	1018339	9.46	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 94.60%				
81) p-Bromofluorobenzene (...	10.259	95	311468	9.91	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 99.10%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	14135	4.51	ppb		98
3) Freon 152a	1.604	51	99353	4.10	ppb		100
4) Dichlorodifluoromethane	1.628	85	118898	4.31	ppb		100
5) Freon 22	1.651	51	134188	4.08	ppb		99
6) Chloromethane	1.834	50	122373	4.23	ppb		99
7) Vinyl Chloride	1.938	62	144747	4.11	ppb		99
8) Bromomethane	2.297	94	21799	3.20	ppb		98
9) Chloroethane	2.401	64	63872	4.00	ppb		96
10) Trichlorofluoromethane	2.645	101	140629	4.08	ppb		100
11) Ethyl Ether	2.931	59	58288	4.09	ppb		99
12) Ethanol	2.931	45	66764	167.43	ppb		99
13) Freon 123	3.053	83	137150	4.06	ppb		99
14) 1,1-Dichloroethylene	3.175	61	163597	4.05	ppb		99
15) Freon 113	3.145	101	86936	4.09	ppb		99
16) Acrolein	3.133	56	22193	16.27	ppb		96
17) Acetone	3.285	58	5374	4.34	ppb		88
18) Iodomethane	3.358	142	47889	3.15	ppb		99
19) Carbon disulfide	3.401	76	296516	4.05	ppb		100
20) Allyl Chloride	3.553	41	189137	4.06	ppb		100
21) Methyl Acetate	3.578	43	34856	4.33	ppb		100
22) tert-Butyl Alcohol (TBA)	3.815	59	14726	20.98	ppb	#	94
23) Methylene Chloride	3.694	49	192477	5.14	ppb		99
24) Acrylonitrile	3.974	53	72000	20.15	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	157089	4.06	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	157826	4.50	ppb		98
27) n-hexane	4.102	57	197230	4.09	ppb		99
28) 1,1-Dichloroethane	4.346	63	195579	4.02	ppb		100
29) Vinyl Acetate	4.370	86	9319	3.86	ppb		85
30) Diisopropyl ether (DIPE)	4.321	45	315772	4.03	ppb		99
31) Ethyl-tert-Butyl ether...	4.663	59	232567	4.05	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	158679	4.01	ppb		100
33) 2-Butanone	4.931	72	4711	3.91	ppb		88
34) 2,2-Dichloropropane	4.870	77	137681	4.08	ppb		99
35) Tetrahydrofuran	5.163	71	20115	20.84	ppb		99
36) Bromochloromethane	5.144	49	67847	4.01	ppb		98
37) Chloroform	5.205	83	158140	4.06	ppb		100
38) 1,1,1-Trichloroethane	5.333	97	138265	4.03	ppb		99
39) Cyclohexane	5.346	56	228888	4.08	ppb		99
40) 1,1-Dichloropropylene	5.486	75	153331	4.05	ppb		100
42) Carbon Tetrachloride	5.480	117	112244	3.99	ppb		100
43) tert-Amyl alcohol (TAA)	5.724	59	15965	21.96	ppb		87

Data File : V10C15379.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:31 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 98
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:24 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	86313	4.15	ppb		99
45) Benzene	5.699	78	421847	4.05	ppb	#	86
46) tert-Amyl methyl ether...	5.742	73	189390	4.00	ppb		99
48) Trichloroethylene	6.303	95	100859	3.74	ppb		99
49) Methyl Cyclohexane	6.431	83	197778	3.84	ppb		99
50) Methyl Methacrylate	6.614	69	29966	3.78	ppb		99
51) Dibromomethane	6.693	93	31821	3.81	ppb		98
52) Bromodichloromethane	6.833	83	98885	3.70	ppb		100
53) 1,2-Dichloropropane	6.553	63	102052	3.77	ppb		99
54) 1,4-Dioxane	6.681	88	8630	94.81	ppb		99
55) 2-Nitropropane	7.083	43	49979	18.47	ppb		100
56) 2-Chloroethyl vinyl ether	7.095	63	1384	8.49	ppb	#	89
57) cis-1,3-Dichloropropene	7.248	75	125829	3.70	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	33450	3.61	ppb	#	97
60) Toluene	7.546	91	424538	3.77	ppb		100
61) n-Octane	7.559	85	52031	3.93	ppb		99
62) Ethyl Methacrylate	7.833	69	62732	3.57	ppb		97
63) trans-1,3-Dichloropropene	7.821	75	88746	3.66	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	46387	3.87	ppb		99
65) 1,3-Dichloropropane	8.187	76	92621	3.78	ppb		98
66) Tetrachloroethylene	8.089	166	102762	3.55	ppb		99
67) 2-Hexanone	8.229	43	22152	3.70	ppb		99
68) n-Butyl Actetate	8.321	43	61370	3.65	ppb		99
69) Dibromochloromethane	8.430	129	47259	3.72	ppb		99
70) 1,2-Dibromoethane	8.552	107	40040	3.81	ppb		99
71) Chlorobenzene	9.028	112	222473	3.74	ppb		97
72) 1,1,1,2-tetrachloroethane	9.113	131	63468	3.66	ppb		96
73) n-Nonane	9.150	57	52605	3.90	ppb		98
74) Ethyl Benzene	9.101	91	457609	3.70	ppb		100
75) p- & m-Xylenes	9.223	91	686405	7.50	ppb		100
76) o-Xylene	9.662	91	321819	3.72	ppb		100
77) Styrene	9.686	104	234863	3.67	ppb		100
78) Bromoform	9.961	173	20053	3.73	ppb		98
80) Isopropylbenzene	10.040	105	399057	3.85	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	43431	3.92	ppb		98
83) Bromobenzene	10.436	77	128613	3.86	ppb		99
84) trans-1,4-Dichloro-2-b...	10.509	75	44567	3.76	ppb		97
85) 1,2,3-Trichloropropane	10.509	110	11830	4.10	ppb		98
86) n-Propylbenzene	10.497	91	479066	3.90	ppb		100
87) n-Decane	10.601	57	40770	4.09	ppb		99
88) p-Ethyltoluene	10.619	105	361043	3.83	ppb		100
89) 1,3,5-Trimethylbenzene	10.680	105	278760	3.88	ppb		99
90) 2-Chlorotoluene	10.625	91	286153	3.84	ppb		99
91) 4-Chlorotoluene	10.747	91	249837	3.88	ppb		99
92) tert-Butylbenzene	11.046	119	227582	3.83	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	260956	3.88	ppb		100
94) sec-Butylbenzene	11.290	105	327965	3.90	ppb		100
95) Limonene	11.375	68	81932	3.85	ppb		99
96) 1,3-Dichlorobenzene	11.473	146	116190	3.90	ppb		98
97) p-Isopropyltoluene	11.448	119	258462	3.87	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	113500	3.87	ppb		99
99) 1,2,3-Trimethylbenzene	11.594	105	237966	3.82	ppb		99
100) p-Diethylbenzene	11.887	105	127694	3.85	ppb		99
101) trans-Decahydronapthalene	11.887	138	31672	4.07	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	89809	3.84	ppb		98

Quantitation Report (QT Reviewed)

Data File : V10C15379.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:31 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 98
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:24 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

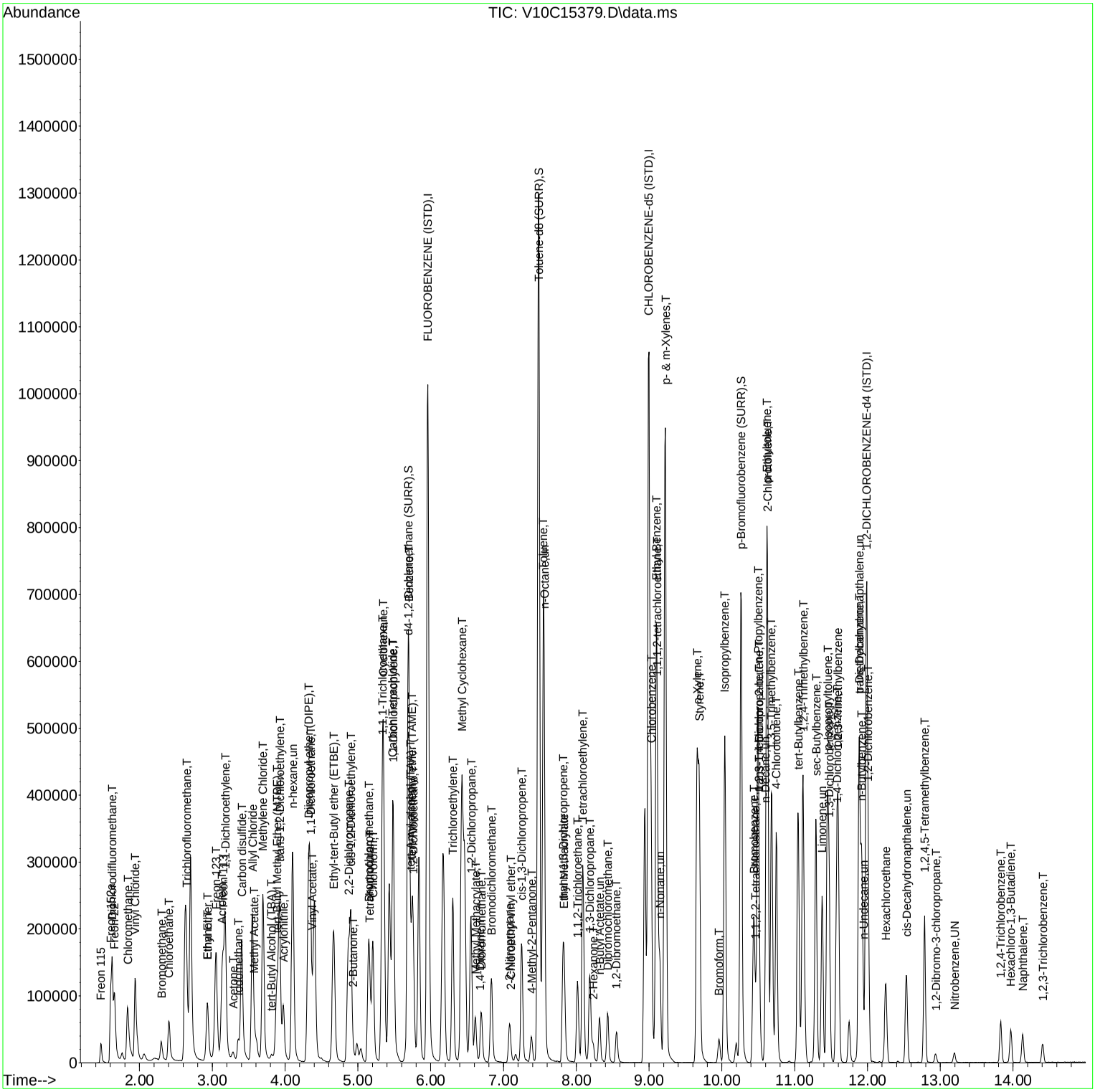
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	253084	3.87	ppb		99
104) Hexachloroethane	12.253	119	30817	3.61	ppb		99
105) n-Undecane	11.942	71	14076	4.09	ppb		93
106) cis-Decahydronapthalene	12.539	138	22287	4.02	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	4545	4.03	ppb		95
108) 1,2,4,5-Tetramethylben...	12.783	119	141141	3.69	ppb		99
109) Nitrobenzene	13.198	77	10102	36.88	ppb		93
110) 1,2,4-Trichlorobenzene	13.832	180	22099	3.64	ppb		100
111) Hexachloro-1,3-Butadiene	13.966	225	11657	3.83	ppb		97
112) Naphthalene	14.131	128	40468	3.65	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	10332	3.50	ppb		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15379.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 7:31 pm
Operator : PMB
Sample : SEQ-CAL6
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 98
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:24 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15380.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:00 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 99
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:27 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.955	50	133461	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	174027	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	214175	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	215085	10.00	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.00%			
59) Toluene-d8 (SURR)	7.480	98	1065390	10.00	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 100.00%			
81) p-Bromofluorobenzene (...	10.259	95	323116	10.00	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.00%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	33284	10.00	ppb	100
3) Freon 152a	1.605	51	257046	10.00	ppb	100
4) Dichlorodifluoromethane	1.628	85	293214	10.00	ppb	100
5) Freon 22	1.652	51	347081	9.93	ppb	100
6) Chloromethane	1.834	50	307535	10.00	ppb	100
7) Vinyl Chloride	1.938	62	373651	9.99	ppb	100
8) Bromomethane	2.298	94	72439	10.00	ppb	100
9) Chloroethane	2.401	64	169724	10.00	ppb	100
10) Trichlorofluoromethane	2.645	101	366249	10.00	ppb	100
11) Ethyl Ether	2.932	59	151151	10.00	ppb	100
12) Ethanol	2.932	45	169358	400.00	ppb	100
13) Freon 123	3.047	83	359038	10.00	ppb	100
14) 1,1-Dichloroethylene	3.175	61	428936	10.00	ppb	100
15) Freon 113	3.145	101	225717	10.00	ppb	100
16) Acrolein	3.133	56	57937	40.00	ppb	100
17) Acetone	3.279	58	13144	10.00	ppb	100
18) Iodomethane	3.358	142	161470	10.00	ppb	100
19) Carbon disulfide	3.401	76	777153	10.00	ppb	100
20) Allyl Chloride	3.547	41	494184	10.00	ppb	100
21) Methyl Acetate	3.578	43	85571	10.00	ppb	100
22) tert-Butyl Alcohol (TBA)	3.816	59	37261	50.00	ppb	100
23) Methylene Chloride	3.694	49	397678	10.00	ppb	100
24) Acrylonitrile	3.974	53	189715	50.00	ppb	100
25) trans-1,2-Dichloroethy...	3.925	61	410580	10.00	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	372778	10.00	ppb	100
27) n-hexane	4.102	57	511257	9.99	ppb	100
28) 1,1-Dichloroethane	4.346	63	516718	10.00	ppb	100
29) Vinyl Acetate	4.376	86	25622	10.00	ppb	100
30) Diisopropyl ether (DIPE)	4.322	45	831500	10.00	ppb	100
31) Ethyl-tert-Butyl ether...	4.663	59	610410	10.00	ppb	100
32) cis-1,2-Dichloroethylene	4.901	61	419690	10.00	ppb	100
33) 2-Butanone	4.925	72	12779	10.00	ppb	100
34) 2,2-Dichloropropane	4.870	77	358211	10.00	ppb	100
35) Tetrahydrofuran	5.163	71	51251	50.00	ppb	100
36) Bromochloromethane	5.145	49	179484	10.00	ppb	100
37) Chloroform	5.206	83	413915	10.00	ppb	100
38) 1,1,1-Trichloroethane	5.340	97	364516	10.00	ppb	100
39) Cyclohexane	5.346	56	595676	10.00	ppb	100
40) 1,1-Dichloropropylene	5.486	75	401595	10.00	ppb	100
42) Carbon Tetrachloride	5.480	117	298862	10.00	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	38594	50.00	ppb	100

Data File : V10C15380.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:00 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 99
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:27 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	220885	10.00	ppb		100
45) Benzene	5.699	78	1105099	10.00	ppb		100
46) tert-Amyl methyl ether...	5.742	73	502470	10.00	ppb		100
48) Trichloroethylene	6.303	95	266481	10.00	ppb		100
49) Methyl Cyclohexane	6.425	83	509667	10.00	ppb		100
50) Methyl Methacrylate	6.614	69	78349	10.00	ppb		99
51) Dibromomethane	6.693	93	82609	10.00	ppb		100
52) Bromodichloromethane	6.833	83	264378	10.00	ppb		100
53) 1,2-Dichloropropane	6.553	63	267816	10.01	ppb		100
54) 1,4-Dioxane	6.687	88	22508	250.00	ppb		100
55) 2-Nitropropane	7.083	43	133806	50.00	ppb		100
56) 2-Chloroethyl vinyl ether	7.095	63	1613	10.00	ppb		100
57) cis-1,3-Dichloropropene	7.248	75	336337	10.00	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	91548	10.00	ppb	#	100
60) Toluene	7.547	91	1115305	10.00	ppb		100
61) n-Octane	7.553	85	130769	9.99	ppb		100
62) Ethyl Methacrylate	7.833	69	174012	10.00	ppb		100
63) trans-1,3-Dichloropropene	7.815	75	239601	10.00	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	118702	10.00	ppb		100
65) 1,3-Dichloropropane	8.187	76	242736	10.01	ppb		100
66) Tetrachloroethylene	8.089	166	286957	10.01	ppb		100
67) 2-Hexanone	8.223	43	59245	10.00	ppb		100
68) n-Butyl Actetate	8.315	43	166417	10.00	ppb		100
69) Dibromochloromethane	8.431	129	125556	10.00	ppb		100
70) 1,2-Dibromoethane	8.552	107	103911	10.00	ppb		100
71) Chlorobenzene	9.022	112	588517	10.01	ppb		100
72) 1,1,1,2-tetrachloroethane	9.113	131	171584	10.00	ppb		100
73) n-Nonane	9.144	57	133717	10.01	ppb		100
74) Ethyl Benzene	9.101	91	1222038	10.00	ppb		100
75) p- & m-Xylenes	9.223	91	1811510	20.01	ppb		100
76) o-Xylene	9.656	91	855760	10.00	ppb		100
77) Styrene	9.686	104	633732	10.00	ppb		100
78) Bromoform	9.961	173	53139	10.00	ppb		100
80) Isopropylbenzene	10.040	105	1066375	10.00	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	114017	10.00	ppb		100
83) Bromobenzene	10.436	77	342429	10.00	ppb		100
84) trans-1,4-Dichloro-2-b...	10.509	75	121978	10.00	ppb		100
85) 1,2,3-Trichloropropane	10.515	110	29662	10.00	ppb		100
86) n-Propylbenzene	10.491	91	1263700	10.00	ppb		100
87) n-Decane	10.601	57	102517	10.00	ppb		100
88) p-Ethyltoluene	10.619	105	968434	10.00	ppb		100
89) 1,3,5-Trimethylbenzene	10.680	105	738294	10.00	ppb		100
90) 2-Chlorotoluene	10.625	91	766914	10.00	ppb		100
91) 4-Chlorotoluene	10.747	91	662364	10.00	ppb		100
92) tert-Butylbenzene	11.046	119	611819	10.00	ppb		100
93) 1,2,4-Trimethylbenzene	11.113	105	692260	10.00	ppb		100
94) sec-Butylbenzene	11.290	105	865770	10.00	ppb		100
95) Limonene	11.375	68	218884	10.00	ppb		100
96) 1,3-Dichlorobenzene	11.473	146	306328	10.00	ppb		100
97) p-Isopropyltoluene	11.448	119	686261	10.00	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	301933	10.00	ppb		100
99) 1,2,3-Trimethylbenzene	11.595	105	641392	10.00	ppb		100
100) p-Diethylbenzene	11.887	105	341058	10.00	ppb		100
101) trans-Decahydronapthalene	11.887	138	80108	10.00	ppb		100
102) 1,2-Dichlorobenzene	12.009	146	240688	10.00	ppb		100

Quantitation Report (QT Reviewed)

Data File : V10C15380.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:00 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 99
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:27 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

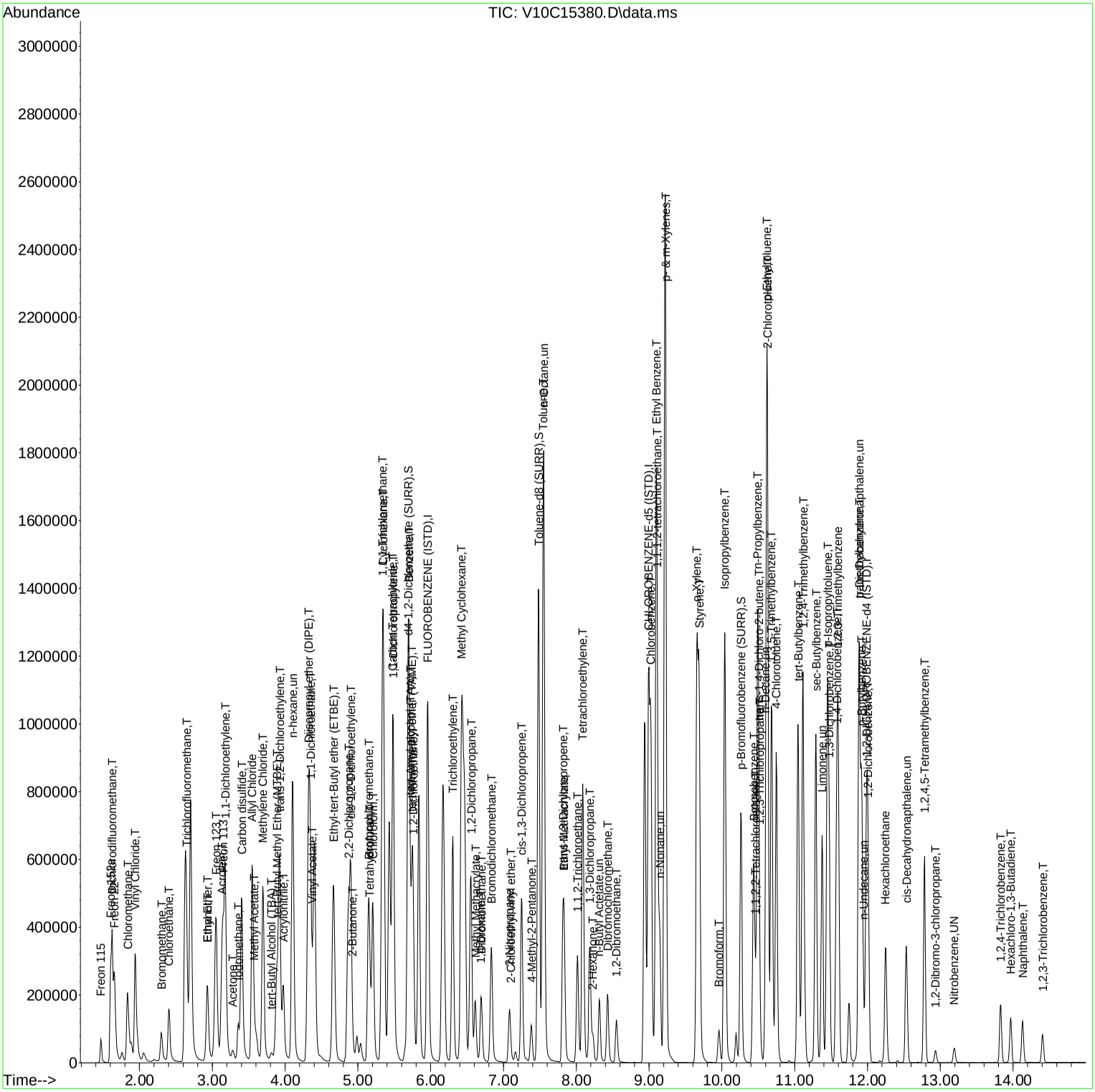
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	672093	10.00	ppb		100
104) Hexachloroethane	12.247	119	87685	10.00	ppb		100
105) n-Undecane	11.942	71	35405	10.00	ppb		100
106) cis-Decahydronapthalene	12.533	138	56962	10.00	ppb	#	100
107) 1,2-Dibromo-3-chloropr...	12.930	75	11601	10.00	ppb		100
108) 1,2,4,5-Tetramethylben...	12.783	119	392856	10.00	ppb		100
109) Nitrobenzene	13.192	77	28167	100.00	ppb		100
110) 1,2,4-Trichlorobenzene	13.832	180	62389	10.00	ppb		100
111) Hexachloro-1,3-Butadiene	13.966	225	31302	10.00	ppb		100
112) Naphthalene	14.131	128	113878	10.00	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	30335	10.00	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15380.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:00 pm
Operator : PMB
Sample : SEQ-CAL7
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 99
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:27 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15381.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:28 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 100
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:30 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	129686	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	176973	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	221624	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	220258	10.54	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 105.40%			
59) Toluene-d8 (SURR)	7.480	98	1057925	9.77	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 97.70%			
81) p-Bromofluorobenzene (...	10.266	95	329190	9.85	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.50%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	53315	16.48	ppb	98
3) Freon 152a	1.605	51	520604	20.84	ppb	94
4) Dichlorodifluoromethane	1.628	85	534917	18.77	ppb	100
5) Freon 22	1.652	51	613904	18.08	ppb	98
6) Chloromethane	1.834	50	588087	19.68	ppb	100
7) Vinyl Chloride	1.938	62	709914	19.53	ppb	100
8) Bromomethane	2.298	94	176396	25.06	ppb	98
9) Chloroethane	2.401	64	324406	19.67	ppb	100
10) Trichlorofluoromethane	2.645	101	694849	19.52	ppb	100
11) Ethyl Ether	2.932	59	303527	20.67	ppb	99
12) Ethanol	2.932	45	338187	822.00	ppb	99
13) Freon 123	3.048	83	682855	19.57	ppb	100
14) 1,1-Dichloroethylene	3.176	61	803955	19.29	ppb	100
15) Freon 113	3.145	101	425041	19.38	ppb	99
16) Acrolein	3.133	56	118842	84.44	ppb	99
17) Acetone	3.279	58	25267	19.78	ppb	96
18) Iodomethane	3.358	142	347004	22.12	ppb	99
19) Carbon disulfide	3.401	76	1461416	19.35	ppb	100
20) Allyl Chloride	3.547	41	953801	19.86	ppb	99
21) Methyl Acetate	3.572	43	175722	21.13	ppb	100
22) tert-Butyl Alcohol (TBA)	3.810	59	90355	124.78	ppb	100
23) Methylene Chloride	3.694	49	721552	18.67	ppb	100
24) Acrylonitrile	3.974	53	386013	104.70	ppb	99
25) trans-1,2-Dichloroethy...	3.925	61	784597	19.67	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	753027	20.79	ppb	99
27) n-hexane	4.102	57	975124	19.60	ppb	100
28) 1,1-Dichloroethane	4.346	63	1002292	19.96	ppb	100
29) Vinyl Acetate	4.377	86	50508	20.29	ppb	88
30) Diisopropyl ether (DIPE)	4.322	45	1646429	20.38	ppb	100
31) Ethyl-tert-Butyl ether...	4.669	59	1212863	20.45	ppb	99
32) cis-1,2-Dichloroethylene	4.901	61	814398	19.97	ppb	100
33) 2-Butanone	4.925	72	25590	20.61	ppb	93
34) 2,2-Dichloropropane	4.870	77	693560	19.93	ppb	99
35) Tetrahydrofuran	5.163	71	106824	107.25	ppb	100
36) Bromochloromethane	5.145	49	357519	20.50	ppb	100
37) Chloroform	5.206	83	809175	20.12	ppb	100
38) 1,1,1-Trichloroethane	5.334	97	701636	19.81	ppb	99
39) Cyclohexane	5.346	56	1146510	19.81	ppb	99
40) 1,1-Dichloropropylene	5.486	75	767387	19.66	ppb	100
42) Carbon Tetrachloride	5.480	117	579539	19.96	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	82538	110.04	ppb	92

Data File : V10C15381.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:28 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 100
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:30 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	436745	20.35	ppb		100
45) Benzene	5.699	78	2118808	19.73	ppb		96
46) tert-Amyl methyl ether...	5.742	73	1014533	20.78	ppb		100
48) Trichloroethylene	6.303	95	509347	18.80	ppb		99
49) Methyl Cyclohexane	6.431	83	1014132	19.57	ppb		100
50) Methyl Methacrylate	6.614	69	166252	20.86	ppb		99
51) Dibromomethane	6.693	93	165025	19.64	ppb		98
52) Bromodichloromethane	6.833	83	527377	19.62	ppb		100
53) 1,2-Dichloropropane	6.553	63	526018	19.32	ppb		100
54) 1,4-Dioxane	6.687	88	46423	507.04	ppb		97
55) 2-Nitropropane	7.083	43	293971	108.02	ppb		97
56) 2-Chloroethyl vinyl ether	7.096	63	4248	25.90	ppb	#	73
57) cis-1,3-Dichloropropene	7.248	75	674403	19.72	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	193437	20.78	ppb	#	99
60) Toluene	7.547	91	2156725	19.02	ppb		100
61) n-Octane	7.559	85	277391	20.84	ppb		100
62) Ethyl Methacrylate	7.833	69	362312	20.47	ppb		99
63) trans-1,3-Dichloropropene	7.815	75	497097	20.40	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	239433	19.84	ppb		99
65) 1,3-Dichloropropane	8.187	76	487496	19.76	ppb		99
66) Tetrachloroethylene	8.089	166	564253	19.35	ppb		100
67) 2-Hexanone	8.223	43	126994	21.08	ppb		100
68) n-Butyl Actetate	8.315	43	352763	20.84	ppb		99
69) Dibromochloromethane	8.431	129	263581	20.64	ppb		99
70) 1,2-Dibromoethane	8.553	107	211702	20.03	ppb		100
71) Chlorobenzene	9.022	112	1158570	19.37	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	344081	19.72	ppb		99
73) n-Nonane	9.144	57	300448	22.13	ppb		100
74) Ethyl Benzene	9.101	91	2396650	19.29	ppb		100
75) p- & m-Xylenes	9.223	91	3566396	38.73	ppb		100
76) o-Xylene	9.662	91	1711967	19.67	ppb		99
77) Styrene	9.687	104	1260779	19.56	ppb		99
78) Bromoform	9.961	173	115312	21.34	ppb		98
80) Isopropylbenzene	10.040	105	2125285	19.26	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	236092	20.01	ppb		98
83) Bromobenzene	10.436	77	691123	19.50	ppb		100
84) trans-1,4-Dichloro-2-b...	10.516	75	256624	20.33	ppb		98
85) 1,2,3-Trichloropropane	10.516	110	59774	19.47	ppb		99
86) n-Propylbenzene	10.497	91	2539842	19.42	ppb		100
87) n-Decane	10.601	57	304203	28.68	ppb		96
88) p-Ethyltoluene	10.619	105	1933499	19.29	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	1479582	19.37	ppb		100
90) 2-Chlorotoluene	10.625	91	1531448	19.30	ppb		100
91) 4-Chlorotoluene	10.747	91	1326836	19.36	ppb		100
92) tert-Butylbenzene	11.046	119	1241484	19.61	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	1400125	19.55	ppb		100
94) sec-Butylbenzene	11.290	105	1776250	19.83	ppb		100
95) Limonene	11.375	68	472018	20.84	ppb		100
96) 1,3-Dichlorobenzene	11.473	146	619417	19.54	ppb		100
97) p-Isopropyltoluene	11.448	119	1400561	19.72	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	609972	19.52	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	1290247	19.44	ppb		100
100) p-Diethylbenzene	11.887	105	707855	20.06	ppb		99
101) trans-Decahydronapthalene	11.881	138	175954	21.23	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	487964	19.59	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15381.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:28 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 100
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:30 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

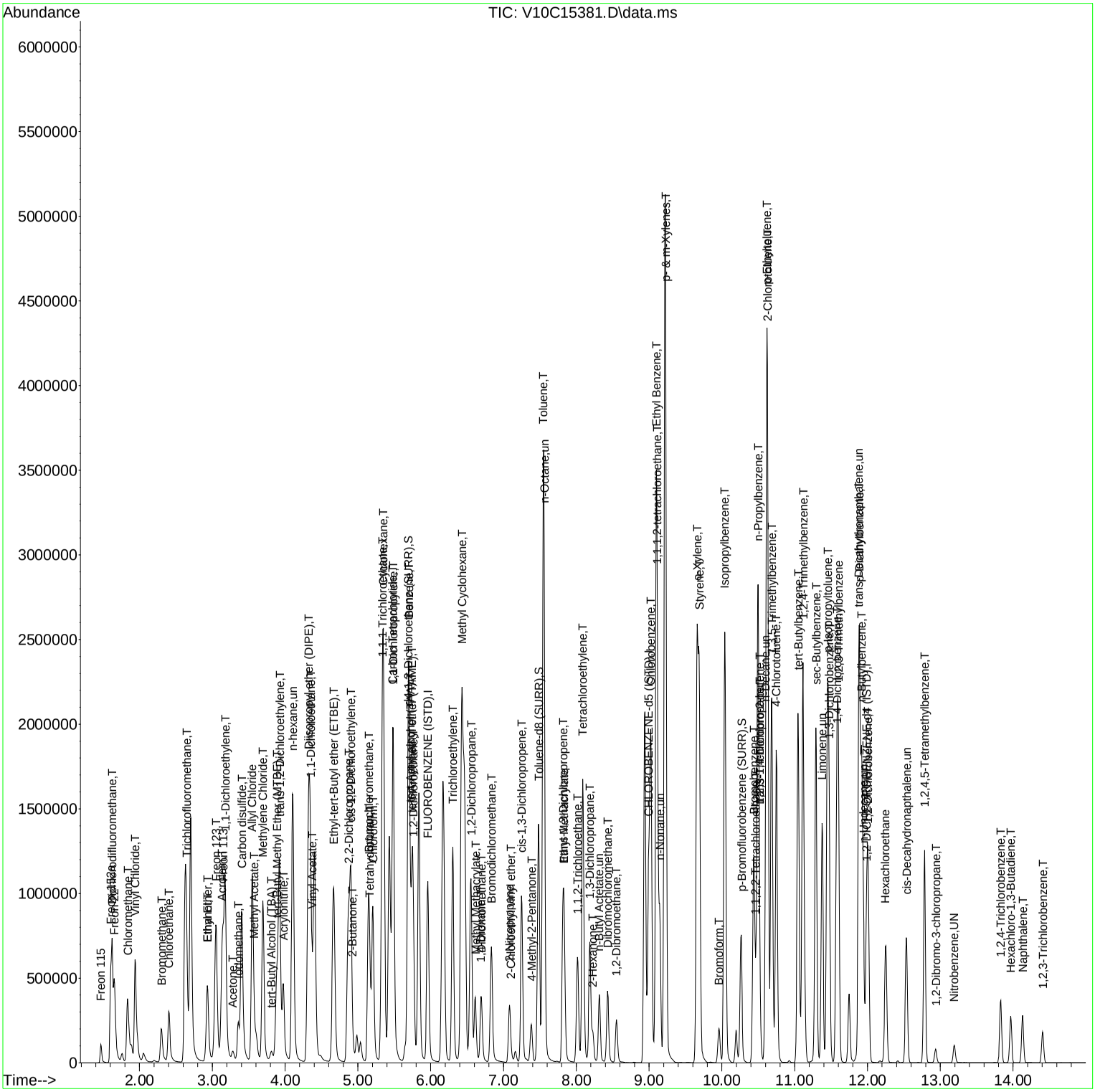
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	1390385	19.99	ppb		100
104) Hexachloroethane	12.247	119	186306	20.53	ppb		98
105) n-Undecane	11.942	71	154201	42.09	ppb		91
106) cis-Decahydronapthalene	12.534	138	126584	21.48	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.936	75	25794	21.49	ppb		98
108) 1,2,4,5-Tetramethylben...	12.783	119	813666	20.02	ppb		100
109) Nitrobenzene	13.192	77	69339	237.90	ppb		96
110) 1,2,4-Trichlorobenzene	13.832	180	136601	21.16	ppb		99
111) Hexachloro-1,3-Butadiene	13.966	225	63968	19.75	ppb		96
112) Naphthalene	14.131	128	253565	21.52	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	66171	21.08	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15381.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:28 pm
Operator : PMB
Sample : SEQ-CAL8
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 100
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:30 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15382.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:57 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 1
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:33 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	130998	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	183304	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	233287	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	235278	11.14	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 111.40%			
59) Toluene-d8 (SURR)	7.486	98	1079016	9.62	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.20%			
81) p-Bromofluorobenzene (...	10.266	95	342880	9.74	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 97.40%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	86606	26.51	ppb	99
3) Freon 152a	1.605	51	962204	38.14	ppb	100
4) Dichlorodifluoromethane	1.628	85	1020246	35.45	ppb	100
5) Freon 22	1.652	51	1306423	38.09	ppb	99
6) Chloromethane	1.834	50	1216157	40.29	ppb	100
7) Vinyl Chloride	1.938	62	1444157	39.34	ppb	99
8) Bromomethane	2.298	94	431528	60.69	ppb	98
9) Chloroethane	2.401	64	661481	39.71	ppb	99
10) Trichlorofluoromethane	2.645	101	1405760	39.10	ppb	100
11) Ethyl Ether	2.932	59	649756	43.80	ppb	100
12) Ethanol	2.932	45	736838	1773.03	ppb	98
13) Freon 123	3.047	83	1402988	39.81	ppb	100
14) 1,1-Dichloroethylene	3.175	61	1635063	38.84	ppb	100
15) Freon 113	3.145	101	867239	39.14	ppb	99
16) Acrolein	3.133	56	260145	182.98	ppb	99
17) Acetone	3.285	58	46892	36.35	ppb	94
18) Iodomethane	3.358	142	774235	48.85	ppb	99
19) Carbon disulfide	3.407	76	2967688	38.90	ppb	100
20) Allyl Chloride	3.547	41	1961655	40.44	ppb	99
21) Methyl Acetate	3.572	43	388337	46.24	ppb	99
22) tert-Butyl Alcohol (TBA)	3.810	59	218464	298.67	ppb	98
23) Methylene Chloride	3.694	49	1442700	36.96	ppb	100
24) Acrylonitrile	3.974	53	840841	225.77	ppb	99
25) trans-1,2-Dichloroethy...	3.925	61	1616507	40.11	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	1672441	45.71	ppb	99
27) n-hexane	4.108	57	1975317	39.30	ppb	100
28) 1,1-Dichloroethane	4.346	63	2068150	40.78	ppb	100
29) Vinyl Acetate	4.376	86	109288	43.46	ppb	84
30) Diisopropyl ether (DIPE)	4.322	45	3508393	42.99	ppb	100
31) Ethyl-tert-Butyl ether...	4.669	59	2553167	42.61	ppb	99
32) cis-1,2-Dichloroethylene	4.901	61	1705482	41.40	ppb	100
33) 2-Butanone	4.925	72	56016	44.66	ppb	90
34) 2,2-Dichloropropane	4.870	77	1447556	41.17	ppb	99
35) Tetrahydrofuran	5.163	71	241527	240.06	ppb	99
36) Bromochloromethane	5.145	49	750330	42.59	ppb	100
37) Chloroform	5.206	83	1680987	41.38	ppb	100
38) 1,1,1-Trichloroethane	5.340	97	1457737	40.74	ppb	99
39) Cyclohexane	5.346	56	2401044	41.07	ppb	99
40) 1,1-Dichloropropylene	5.486	75	1580057	40.08	ppb	99
42) Carbon Tetrachloride	5.480	117	1206567	41.13	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	188293	248.53	ppb	85

Data File : V10C15382.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:57 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 1
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:33 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	942402	43.47	ppb		99
45) Benzene	5.699	78	4350018	40.10	ppb		94
46) tert-Amyl methyl ether...	5.742	73	2191809	44.44	ppb		100
48) Trichloroethylene	6.303	95	1053685	37.54	ppb		99
49) Methyl Cyclohexane	6.431	83	2118696	39.47	ppb		99
50) Methyl Methacrylate	6.614	69	366586	44.41	ppb		98
51) Dibromomethane	6.693	93	359488	41.31	ppb		100
52) Bromodichloromethane	6.833	83	1125958	40.43	ppb		100
53) 1,2-Dichloropropane	6.553	63	1103517	39.14	ppb		100
54) 1,4-Dioxane	6.687	88	101891	1074.44	ppb		98
55) 2-Nitropropane	7.083	43	680463	241.40	ppb		95
56) 2-Chloroethyl vinyl ether	7.089	63	9893	58.23	ppb	#	81
57) cis-1,3-Dichloropropene	7.248	75	1437746	40.58	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	434318	45.04	ppb	#	98
60) Toluene	7.547	91	4488051	38.22	ppb		100
61) n-Octane	7.559	85	544614	39.50	ppb		98
62) Ethyl Methacrylate	7.833	69	812322	44.32	ppb		99
63) trans-1,3-Dichloropropene	7.815	75	1075723	42.62	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	514369	41.14	ppb		99
65) 1,3-Dichloropropane	8.187	76	1041449	40.76	ppb		98
66) Tetrachloroethylene	8.095	166	1248214	41.34	ppb		99
67) 2-Hexanone	8.229	43	284913	45.66	ppb		100
68) n-Butyl Actetate	8.315	43	812191	46.33	ppb		99
69) Dibromochloromethane	8.431	129	577980	43.70	ppb		99
70) 1,2-Dibromoethane	8.552	107	455056	41.58	ppb		100
71) Chlorobenzene	9.028	112	2440445	39.39	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	735928	40.72	ppb		98
73) n-Nonane	9.150	57	631137	44.87	ppb		99
74) Ethyl Benzene	9.101	91	5068305	39.38	ppb		100
75) p- & m-Xylenes	9.223	91	7555493	79.22	ppb		100
76) o-Xylene	9.662	91	3624795	40.21	ppb		99
77) Styrene	9.686	104	2683103	40.20	ppb		98
78) Bromoform	9.961	173	262533	46.90	ppb		99
80) Isopropylbenzene	10.040	105	4511489	38.84	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	515719	41.53	ppb		98
83) Bromobenzene	10.436	77	1483830	39.78	ppb		100
84) trans-1,4-Dichloro-2-b...	10.516	75	584711	44.01	ppb		96
85) 1,2,3-Trichloropropane	10.509	110	132231	40.93	ppb		99
86) n-Propylbenzene	10.497	91	5430183	39.45	ppb		100
87) n-Decane	10.607	57	786127	70.40	ppb		96
88) p-Ethyltoluene	10.619	105	4265558	40.44	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	3116011	38.75	ppb		99
90) 2-Chlorotoluene	10.625	91	3349458	40.10	ppb		99
91) 4-Chlorotoluene	10.753	91	2838292	39.34	ppb		100
92) tert-Butylbenzene	11.052	119	2684741	40.29	ppb		99
93) 1,2,4-Trimethylbenzene	11.113	105	3012927	39.96	ppb		100
94) sec-Butylbenzene	11.290	105	3829328	40.61	ppb		100
95) Limonene	11.375	68	1055421	44.27	ppb		100
96) 1,3-Dichlorobenzene	11.473	146	1336179	40.05	ppb		100
97) p-Isopropyltoluene	11.448	119	3031541	40.56	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	1315391	40.00	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	2788869	39.92	ppb		100
100) p-Diethylbenzene	11.887	105	1540555	41.47	ppb		99
101) trans-Decahydronapthalene	11.887	138	367880	42.16	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	1054006	40.20	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15382.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:57 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 1
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:33 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

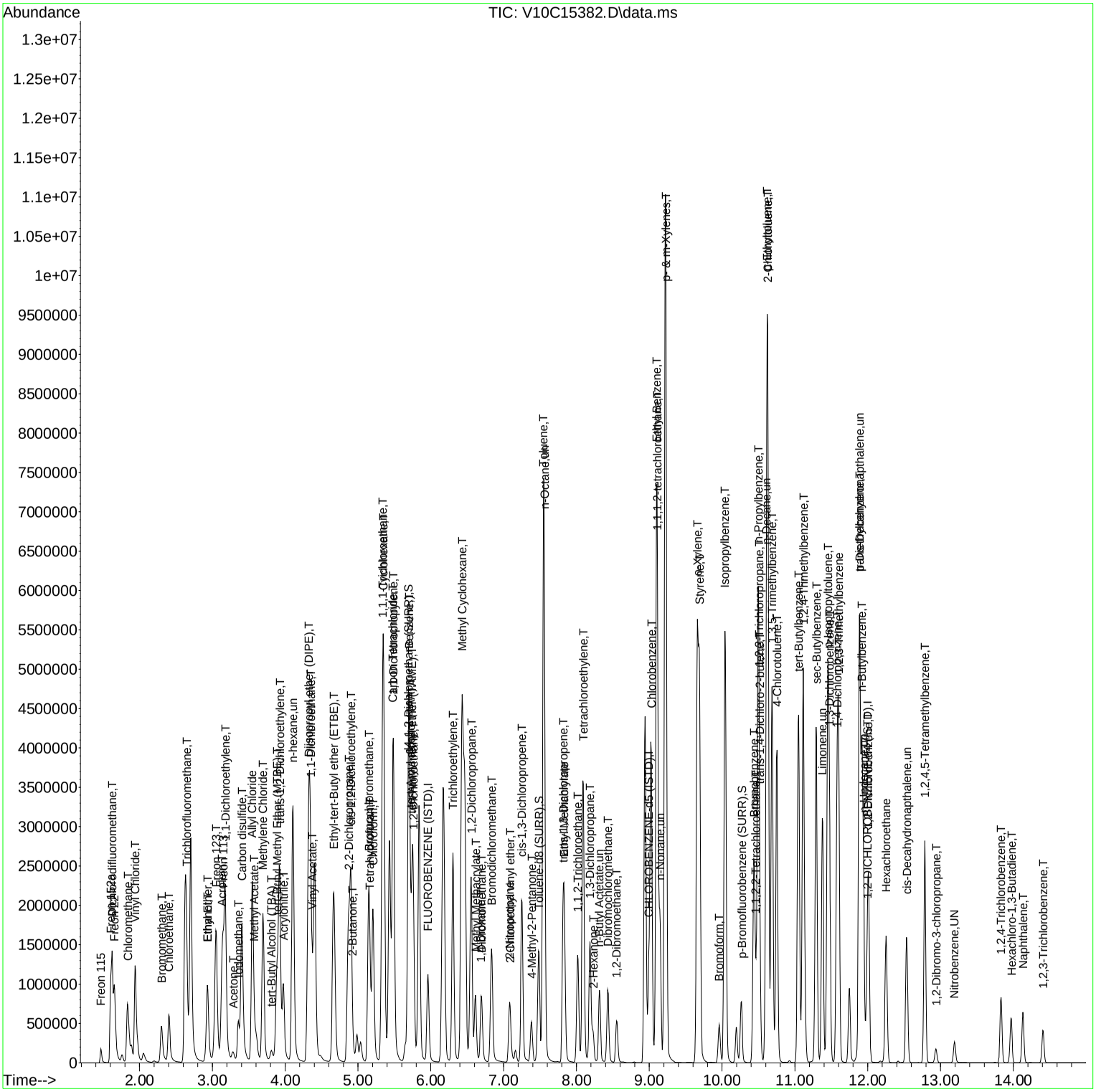
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	2996548	40.93	ppb		99
104) Hexachloroethane	12.253	119	428553	44.87	ppb		99
105) n-Undecane	11.942	71	383996	99.57	ppb		92
106) cis-Decahydronapthalene	12.533	138	272557	43.93	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.936	75	57672	45.64	ppb		98
108) 1,2,4,5-Tetramethylben...	12.783	119	1782235	41.65	ppb		100
109) Nitrobenzene	13.192	77	174811	569.78	ppb		97
110) 1,2,4-Trichlorobenzene	13.832	180	307917	45.31	ppb		99
111) Hexachloro-1,3-Butadiene	13.972	225	137248	40.25	ppb		98
112) Naphthalene	14.131	128	582677	46.97	ppb		100
113) 1,2,3-Trichlorobenzene	14.411	180	151350	45.81	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15382.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 8:57 pm
Operator : PMB
Sample : SEQ-CAL9
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 1
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:33 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15383.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 9:25 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 2
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.961	50	138534	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.997	54	190410	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	236826	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	240743	10.78	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 107.80%			
59) Toluene-d8 (SURR)	7.479	98	1125237	9.66	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 96.60%			
81) p-Bromofluorobenzene (...	10.266	95	351267	9.83	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.30%			
Target Compounds						Qvalue
2) Freon 115	1.469	85	183947	53.24	ppb	99
3) Freon 152a	1.604	51	2179776	81.70	ppb	96
4) Dichlorodifluoromethane	1.622	85	2203944	72.41	ppb	100
5) Freon 22	1.652	51	2701396	74.49	ppb	98
6) Chloromethane	1.834	50	2801528	87.76	ppb	99
7) Vinyl Chloride	1.938	62	3141192	80.91	ppb	99
8) Bromomethane	2.298	94	1077797	143.34	ppb	99
9) Chloroethane	2.401	64	1395073	79.19	ppb	99
10) Trichlorofluoromethane	2.645	101	3040174	79.97	ppb	100
11) Ethyl Ether	2.932	59	1336976	85.21	ppb	99
12) Ethanol	2.932	45	1638639	3728.51	ppb	94
13) Freon 123	3.047	83	3018957	81.01	ppb	99
14) 1,1-Dichloroethylene	3.175	61	3517810	79.01	ppb	100
15) Freon 113	3.145	101	1887752	80.57	ppb	99
16) Acrolein	3.133	56	555057	369.18	ppb	98
17) Acetone	3.285	58	103684	75.99	ppb	91
18) Iodomethane	3.358	142	1580644	94.31	ppb	100
19) Carbon disulfide	3.401	76	6379041	79.08	ppb	100
20) Allyl Chloride	3.547	41	3764790	73.39	ppb	99
21) Methyl Acetate	3.578	43	789262	88.86	ppb	99
22) tert-Butyl Alcohol (TBA)	3.816	59	574425	742.59	ppb	99
23) Methylene Chloride	3.694	49	2983749	72.28	ppb	100
24) Acrylonitrile	3.974	53	1757075	446.13	ppb	99
25) trans-1,2-Dichloroethy...	3.925	61	3460962	81.21	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	2789048	72.08	ppb	99
27) n-hexane	4.108	57	4320128	81.28	ppb	99
28) 1,1-Dichloroethane	4.346	63	4423721	82.48	ppb	100
29) Vinyl Acetate	4.376	86	228303	85.84	ppb	78
30) Diisopropyl ether (DIPE)	4.328	45	7429132	86.07	ppb	99
31) Ethyl-tert-Butyl ether...	4.669	59	4587342	72.40	ppb	99
32) cis-1,2-Dichloroethylene	4.901	61	3628696	83.30	ppb	100
33) 2-Butanone	4.925	72	113479	85.55	ppb	95
34) 2,2-Dichloropropane	4.870	77	3045353	81.90	ppb	99
35) Tetrahydrofuran	5.163	71	488437	459.07	ppb	99
36) Bromochloromethane	5.145	49	1464967	78.63	ppb	99
37) Chloroform	5.206	83	3539896	82.39	ppb	99
38) 1,1,1-Trichloroethane	5.340	97	3175147	83.92	ppb	99
39) Cyclohexane	5.346	56	5254008	84.97	ppb	98
40) 1,1-Dichloropropylene	5.486	75	3456543	82.92	ppb	99
42) Carbon Tetrachloride	5.480	117	2656786	85.64	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	376760	470.23	ppb	81

Data File : V10C15383.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 9:25 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 2
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	1962119	85.58	ppb		99
45) Benzene	5.699	78	9173924	79.97	ppb		93
46) tert-Amyl methyl ether...	5.748	73	4230800	81.12	ppb		99
48) Trichloroethylene	6.303	95	2264605	77.67	ppb		99
49) Methyl Cyclohexane	6.431	83	4569142	81.94	ppb		99
50) Methyl Methacrylate	6.614	69	751968	87.69	ppb		96
51) Dibromomethane	6.699	93	739636	81.83	ppb		100
52) Bromodichloromethane	6.833	83	2357270	81.49	ppb		99
53) 1,2-Dichloropropane	6.553	63	2316386	79.09	ppb		100
54) 1,4-Dioxane	6.687	88	210822	2140.16	ppb		100
55) 2-Nitropropane	7.083	43	1404342	479.62	ppb		95
56) 2-Chloroethyl vinyl ether	7.089	63	7600	43.06	ppb	#	74
57) cis-1,3-Dichloropropene	7.254	75	3021535	82.11	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	890918	88.94	ppb	#	98
60) Toluene	7.553	91	9467237	77.62	ppb		99
61) n-Octane	7.559	85	1320788	92.22	ppb		97
62) Ethyl Methacrylate	7.839	69	1669082	87.66	ppb		98
63) trans-1,3-Dichloropropene	7.821	75	2242839	85.55	ppb		100
64) 1,1,2-Trichloroethane	8.022	97	1057968	81.46	ppb		98
65) 1,3-Dichloropropane	8.187	76	2129095	80.21	ppb		97
66) Tetrachloroethylene	8.095	166	2534101	80.79	ppb		99
67) 2-Hexanone	8.229	43	588701	90.82	ppb		100
68) n-Butyl Actetate	8.315	43	1677153	92.11	ppb		100
69) Dibromochloromethane	8.431	129	1201301	87.45	ppb		100
70) 1,2-Dibromoethane	8.559	107	918925	80.82	ppb		100
71) Chlorobenzene	9.028	112	5128725	79.69	ppb		98
72) 1,1,1,2-tetrachloroethane	9.119	131	1561497	83.17	ppb		99
73) n-Nonane	9.150	57	2004149	137.17	ppb		99
74) Ethyl Benzene	9.107	91	10846481	81.12	ppb		100
75) p- & m-Xylenes	9.223	91	15888622	160.38	ppb		99
76) o-Xylene	9.662	91	7670014	81.92	ppb		99
77) Styrene	9.692	104	5657314	81.59	ppb		97
78) Bromoform	9.961	173	556380	95.69	ppb		100
80) Isopropylbenzene	10.046	105	9556483	81.05	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.467	83	1068854	84.78	ppb		98
83) Bromobenzene	10.436	77	3144704	83.05	ppb		100
84) trans-1,4-Dichloro-2-b...	10.515	75	1245487	92.34	ppb		95
85) 1,2,3-Trichloropropane	10.515	110	272925	83.21	ppb		99
86) n-Propylbenzene	10.497	91	11398497	81.57	ppb		99
87) n-Decane	10.607	57	2879713	254.03	ppb		94
88) p-Ethyltoluene	10.625	105	9105002	85.03	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	6583937	80.65	ppb		99
90) 2-Chlorotoluene	10.631	91	7195884	84.85	ppb		99
91) 4-Chlorotoluene	10.753	91	5920987	80.84	ppb		100
92) tert-Butylbenzene	11.052	119	5650523	83.52	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	6381779	83.37	ppb		100
94) sec-Butylbenzene	11.296	105	8034946	83.93	ppb		99
95) Limonene	11.381	68	2304446	95.21	ppb		99
96) 1,3-Dichlorobenzene	11.473	146	2810105	82.96	ppb		99
97) p-Isopropyltoluene	11.454	119	6413161	84.51	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	2762932	82.76	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	5844596	82.41	ppb		100
100) p-Diethylbenzene	11.887	105	3305383	87.65	ppb		99
101) trans-Decahydronapthalene	11.887	138	905576	102.23	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	2185507	82.12	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15383.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 9:25 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 2
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration

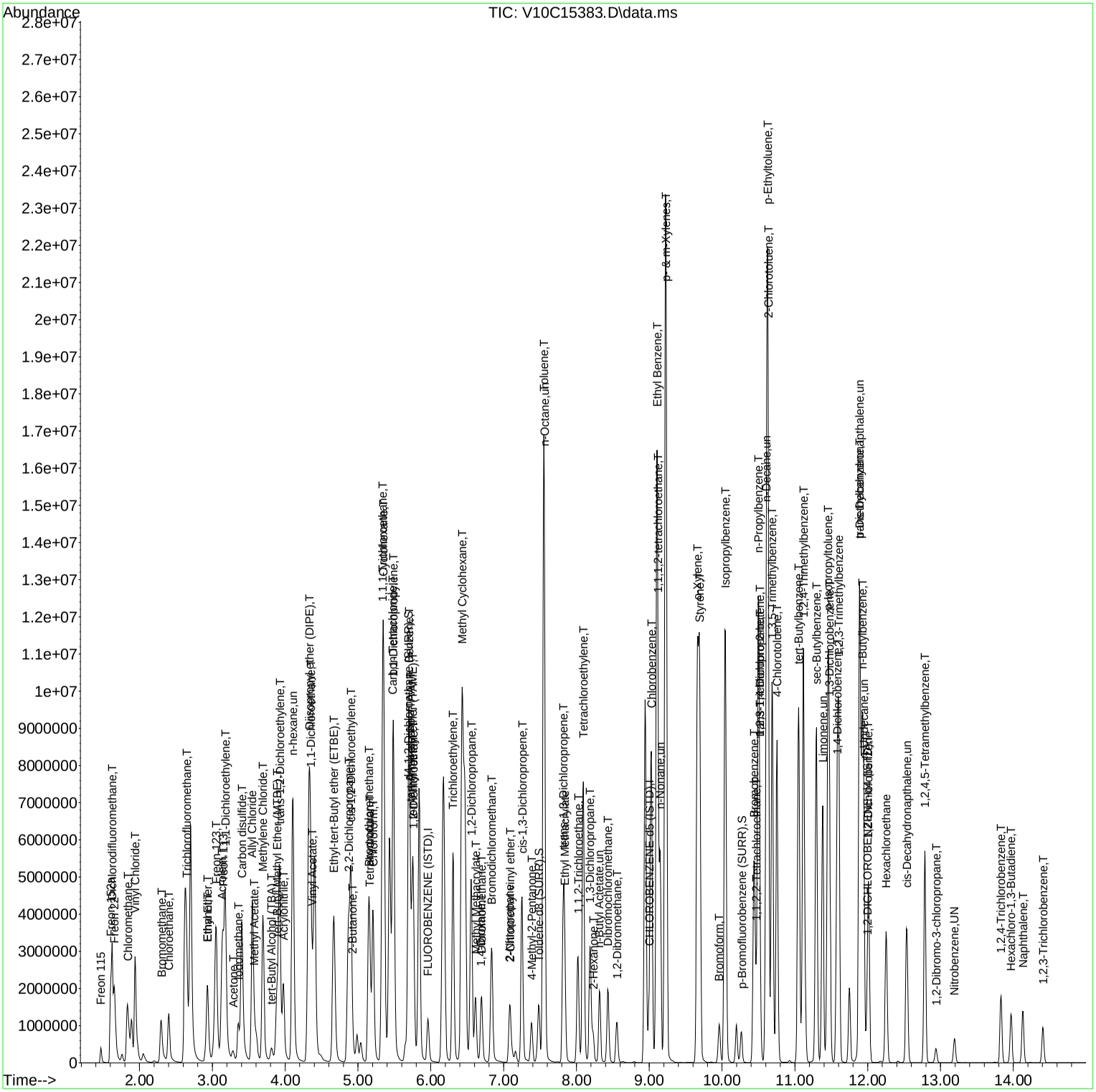
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.924	91	6376375	85.80	ppb		99
104) Hexachloroethane	12.253	119	931861	96.11	ppb		99
105) n-Undecane	11.948	71	1277613	326.34	ppb		89
106) cis-Decahydronapthalene	12.539	138	639043	101.46	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	121360	94.61	ppb		99
108) 1,2,4,5-Tetramethylben...	12.783	119	3754590	86.43	ppb		99
109) Nitrobenzene	13.192	77	433406	1391.53	ppb		97
110) 1,2,4-Trichlorobenzene	13.832	180	668112	96.85	ppb		99
111) Hexachloro-1,3-Butadiene	13.966	225	315027	91.02	ppb		97
112) Naphthalene	14.131	128	1281904	101.80	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	344519	102.71	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15383.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 9:25 pm
Operator : PMB
Sample : SEQ-CALA
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 2
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:06:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:05:42 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006837.D
Acq On : 17 Sep 2025 5:42 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL1
Misc : 8260 CAL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 09:15:37 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	98103	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	157499	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	270253	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.435	65	200779	10.14	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.40%				
59) Toluene-d8 (SURR)	7.260	98	893215	10.92	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 109.20%				
81) p-Bromofluorobenzene (...	10.022	95	291966	11.68	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 116.80%				
Target Compounds							Qvalue
2) Freon 115	1.370	85	478	0.20	ppb	#	67
3) Freon 152a	1.505	51	3138	0.21	ppb		87
5) Freon 22	1.547	51	4567	0.21	ppb		98
6) Chloromethane	1.724	50	4045	0.19	ppb	#	87
9) Chloroethane	2.247	64	3547	0.21	ppb		97
12) Ethanol	2.727	45	1353	11.82	ppb	#	35
16) Acrolein	2.910	56	1170	0.59	ppb		79
17) Acetone	3.062	58	1066	0.52	ppb		51
19) Carbon disulfide	3.220	76	17538	0.20	ppb	#	89
20) Allyl Chloride	3.342	41	11808	0.22	ppb		94
21) Methyl Acetate	3.372	43	2637	0.20	ppb		83
23) Methylene Chloride	3.476	49	95488	2.03	ppb		99
24) Acrylonitrile	3.719	53	1783	0.56	ppb		91
25) trans-1,2-Dichloroethy...	3.725	61	4977	0.20	ppb		96
28) 1,1-Dichloroethane	4.127	63	6644	0.21	ppb	#	98
32) cis-1,2-Dichloroethylene	4.668	61	5824	0.20	ppb		96
36) Bromochloromethane	4.905	49	2548	0.20	ppb		92
37) Chloroform	4.972	83	7334	0.22	ppb		97
43) tert-Amyl alcohol (TAA)	5.489	59	349	0.45	ppb	#	35
44) 1,2-Dichloroethane	5.508	62	4875	0.21	ppb	#	97
45) Benzene	5.477	78	15168	0.20	ppb	#	1
48) Trichloroethylene	6.079	95	3859	0.21	ppb		94
52) Bromodichloromethane	6.584	83	4401	0.20	ppb	#	93
53) 1,2-Dichloropropane	6.311	63	3818	0.22	ppb		93
55) 2-Nitropropane	6.791	43	1653	0.55	ppb		95
60) Toluene	7.327	91	17549	0.22	ppb		98
66) Tetrachloroethylene	7.886	166	3695	0.19	ppb		98
71) Chlorobenzene	8.787	112	11180	0.23	ppb	#	1
72) 1,1,1,2-tetrachloroethane	8.866	131	3113	0.19	ppb	#	48
74) Ethyl Benzene	8.878	91	17355	0.20	ppb		98
75) p- & m-Xylenes	9.000	91	27609	0.40	ppb		97
76) o-Xylene	9.431	91	13705	0.20	ppb		97
80) Isopropylbenzene	9.827	105	13648	0.21	ppb		99
83) Bromobenzene	10.192	77	6459	0.26	ppb		96
86) n-Propylbenzene	10.277	91	16450	0.21	ppb		99
87) n-Decane	10.435	57	814	0.21	ppb	#	37
88) p-Ethyltoluene	10.399	105	13944	0.20	ppb		98
90) 2-Chlorotoluene	10.399	91	12511	0.22	ppb		96
91) 4-Chlorotoluene	10.514	91	12002	0.22	ppb		100
92) tert-Butylbenzene	10.837	119	8629	0.21	ppb		98
96) 1,3-Dichlorobenzene	11.238	146	7247	0.23	ppb		95
98) 1,4-Dichlorobenzene	11.336	146	6846	0.23	ppb		98
102) 1,2-Dichlorobenzene	11.761	146	6585	0.22	ppb	#	39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006837.D
Acq On : 17 Sep 2025 5:42 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL1
Misc : 8260 CAL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 09:15:37 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

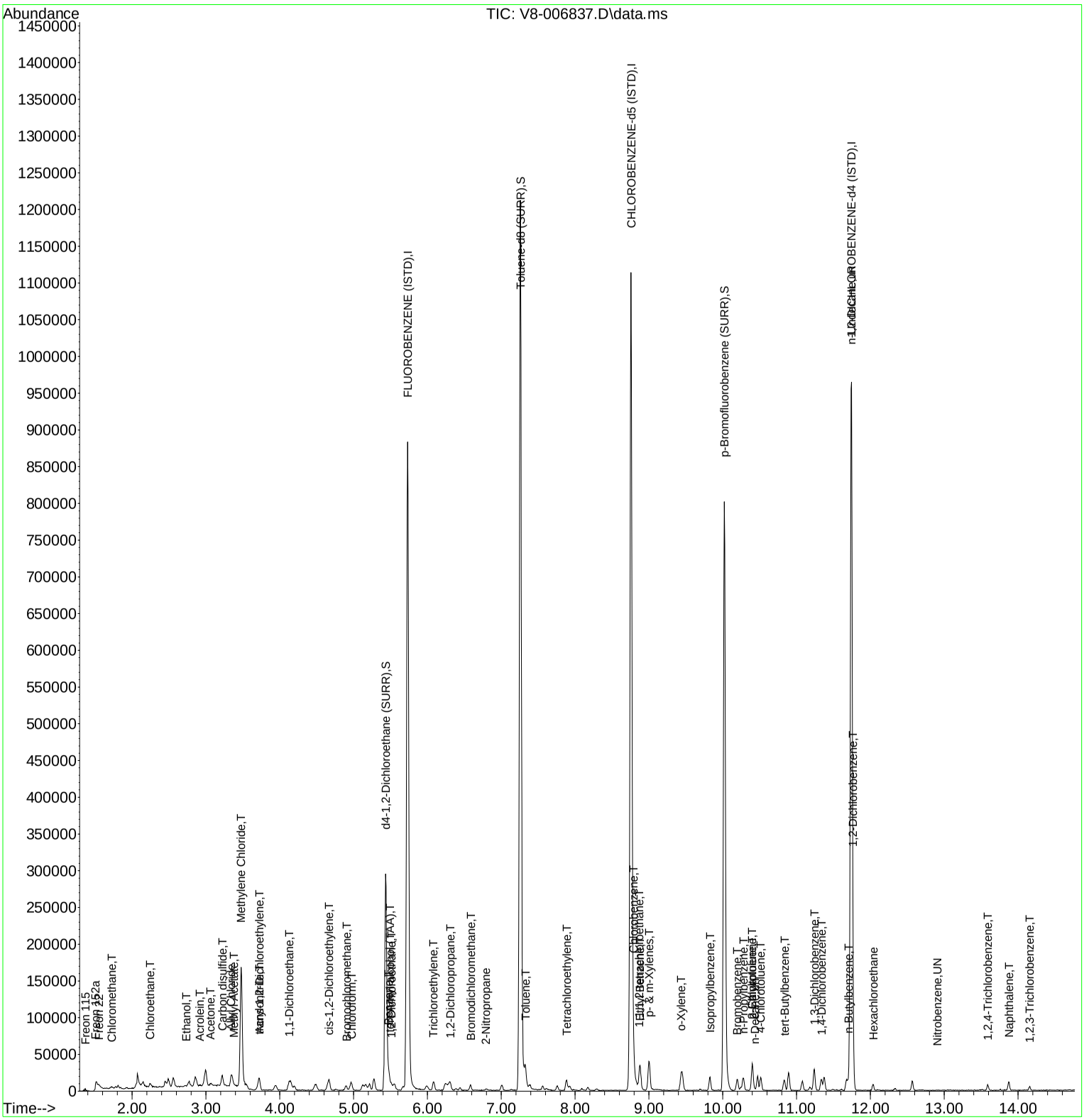
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.701	91	10650	0.19	ppb	#	81
104) Hexachloroethane	12.035	119	1668	0.20	ppb		98
105) n-Undecane	11.737	71	1720	0.75	ppb	#	1
109) Nitrobenzene	12.905	77	167	0.44	ppb	#	30
110) 1,2,4-Trichlorobenzene	13.587	180	2475	0.24	ppb		91
112) Naphthalene	13.872	128	9866	0.38	ppb		99
113) 1,2,3-Trichlorobenzene	14.152	180	1844	0.23	ppb		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006837.D
Acq On : 17 Sep 2025 5:42 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL1
Misc : 8260 CAL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 18 09:15:37 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006838.D
Acq On : 17 Sep 2025 6:11 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL2
Misc : 8260 CAL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 09:15:40 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.732	50	97102	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	159180	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	272749	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	199855	10.20	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.00%				
59) Toluene-d8 (SURR)	7.259	98	893000	10.80	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 108.00%				
81) p-Bromofluorobenzene (...	10.021	95	292942	11.62	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 116.20%				
Target Compounds							Qvalue
2) Freon 115	1.375	85	733	0.32	ppb	#	76
3) Freon 152a	1.504	51	5748	0.38	ppb		89
4) Dichlorodifluoromethane	1.523	85	8779	0.37	ppb		93
5) Freon 22	1.547	51	7061	0.33	ppb		98
6) Chloromethane	1.729	50	7834	0.38	ppb		98
7) Vinyl Chloride	1.809	62	7912	0.31	ppb		97
8) Bromomethane	2.143	94	5886	0.37	ppb		97
9) Chloroethane	2.253	64	5486	0.32	ppb		91
10) Trichlorofluoromethane	2.490	101	17464	0.31	ppb		100
11) Ethyl Ether	2.776	59	6699	0.32	ppb		97
12) Ethanol	2.715	45	2022	17.85	ppb	#	69
13) Freon 123	2.861	83	15208	0.33	ppb		98
14) 1,1-Dichloroethylene	2.995	61	16245	0.32	ppb		98
15) Freon 113	2.983	101	11561	0.34	ppb		95
16) Acrolein	2.916	56	2654	1.35	ppb		76
17) Acetone	3.068	58	1294	0.64	ppb	#	26
19) Carbon disulfide	3.220	76	28994	0.34	ppb		94
20) Allyl Chloride	3.342	41	16478	0.31	ppb		97
21) Methyl Acetate	3.372	43	4367	0.34	ppb		97
22) tert-Butyl Alcohol (TBA)	3.591	59	1576	0.91	ppb	#	85
23) Methylene Chloride	3.475	49	92045	1.97	ppb		99
24) Acrylonitrile	3.719	53	4588	1.46	ppb		97
25) trans-1,2-Dichloroethy...	3.719	61	7311	0.29	ppb		97
26) tert-Butyl Methyl Ethe...	3.707	73	11447	0.29	ppb		95
27) n-hexane	3.938	57	7377	0.33	ppb		94
28) 1,1-Dichloroethane	4.120	63	9385	0.30	ppb		99
29) Vinyl Acetate	4.151	86	597	0.24	ppb		60
30) Diisopropyl ether (DIPE)	4.145	45	14318	0.28	ppb		97
31) Ethyl-tert-Butyl ether...	4.485	59	12483	0.27	ppb		97
32) cis-1,2-Dichloroethylene	4.662	61	8178	0.29	ppb		96
34) 2,2-Dichloropropane	4.656	77	6633	0.28	ppb		89
35) Tetrahydrofuran	4.942	71	1466	1.21	ppb		84
36) Bromochloromethane	4.899	49	3796	0.31	ppb		92
37) Chloroform	4.966	83	9510	0.28	ppb		96
38) 1,1,1-Trichloroethane	5.124	97	8049	0.28	ppb		99
39) Cyclohexane	5.167	56	8476	0.27	ppb		93
40) 1,1-Dichloropropylene	5.276	75	7620	0.28	ppb		88
42) Carbon Tetrachloride	5.276	117	6766	0.26	ppb		96
43) tert-Amyl alcohol (TAA)	5.489	59	609	0.80	ppb		93
44) 1,2-Dichloroethane	5.507	62	7181	0.31	ppb		95
45) Benzene	5.477	78	21885	0.29	ppb	#	1
46) tert-Amyl methyl ether...	5.550	73	10578	0.26	ppb		90
48) Trichloroethylene	6.079	95	5659	0.30	ppb		97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006838.D
Acq On : 17 Sep 2025 6:11 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL2
Misc : 8260 CAL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 09:15:40 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Methyl Cyclohexane	6.250	83	7755	0.28	ppb		95
50) Methyl Methacrylate	6.389	69	2064	0.27	ppb		91
51) Dibromomethane	6.438	93	2373	0.28	ppb		93
52) Bromodichloromethane	6.584	83	6686	0.30	ppb	#	95
53) 1,2-Dichloropropane	6.298	63	5217	0.29	ppb		97
54) 1,4-Dioxane	6.456	88	880	7.98	ppb	#	30
55) 2-Nitropropane	6.803	43	3370	1.11	ppb		99
57) cis-1,3-Dichloropropene	7.004	75	6411	0.25	ppb	#	84
58) 4-Methyl-2-Pentanone	7.138	43	2212	0.24	ppb	#	83
60) Toluene	7.326	91	24950	0.31	ppb		98
61) n-Octane	7.387	85	1494	0.31	ppb		92
62) Ethyl Methacrylate	7.606	69	3761	0.22	ppb		97
63) trans-1,3-Dichloropropene	7.564	75	5160	0.25	ppb		89
64) 1,1,2-Trichloroethane	7.764	97	3649	0.31	ppb		98
65) 1,3-Dichloropropane	7.923	76	6643	0.31	ppb		93
66) Tetrachloroethylene	7.886	166	5478	0.28	ppb		99
67) 2-Hexanone	7.989	43	1296	0.20	ppb	#	88
68) n-Butyl Actetate	8.093	43	3723	0.24	ppb	#	94
69) Dibromochloromethane	8.178	129	3578	0.26	ppb		97
70) 1,2-Dibromoethane	8.294	107	3229	0.30	ppb		98
71) Chlorobenzene	8.786	112	15059	0.31	ppb	#	1
72) 1,1,1,2-tetrachloroethane	8.872	131	4074	0.25	ppb	#	47
73) n-Nonane	8.975	57	1334	0.27	ppb	#	95
74) Ethyl Benzene	8.884	91	25874	0.29	ppb		98
75) p- & m-Xylenes	8.999	91	38437	0.55	ppb		97
76) o-Xylene	9.437	91	17999	0.26	ppb		98
77) Styrene	9.456	104	13455	0.24	ppb		98
78) Bromoform	9.699	173	1696	0.24	ppb		96
80) Isopropylbenzene	9.821	105	19372	0.29	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.192	83	4200	0.34	ppb		96
83) Bromobenzene	10.192	77	8517	0.33	ppb		96
84) trans-1,4-Dichloro-2-b...	10.240	75	3830	0.31	ppb	#	84
85) 1,2,3-Trichloropropane	10.240	110	1088	0.32	ppb		99
86) n-Propylbenzene	10.277	91	24509	0.30	ppb		97
87) n-Decane	10.441	57	1252	0.32	ppb	#	82
88) p-Ethyltoluene	10.405	105	20100	0.29	ppb		97
89) 1,3,5-Trimethylbenzene	10.472	105	15617	0.27	ppb		98
90) 2-Chlorotoluene	10.399	91	17494	0.31	ppb		98
91) 4-Chlorotoluene	10.514	91	16293	0.29	ppb		99
92) tert-Butylbenzene	10.830	119	12174	0.29	ppb		99
93) 1,2,4-Trimethylbenzene	10.897	105	15800	0.27	ppb		99
94) sec-Butylbenzene	11.080	105	15719	0.27	ppb		97
95) Limonene	11.183	68	2628	0.26	ppb	#	95
96) 1,3-Dichlorobenzene	11.238	146	9661	0.30	ppb		97
97) p-Isopropyltoluene	11.238	119	13589	0.25	ppb		98
98) 1,4-Dichlorobenzene	11.335	146	9907	0.32	ppb		96
99) 1,2,3-Trimethylbenzene	11.372	105	16037	0.25	ppb		99
100) p-Diethylbenzene	11.676	105	7403	0.26	ppb	#	74
101) trans-Decahydronapthalene	11.694	138	1383	0.32	ppb	#	75
102) 1,2-Dichlorobenzene	11.761	146	8684	0.29	ppb	#	53
103) n-Butylbenzene	11.706	91	14743	0.26	ppb	#	74
104) Hexachloroethane	12.035	119	2375	0.28	ppb		96
105) n-Undecane	11.743	71	2116	0.91	ppb	#	1
106) cis-Decahydronapthalene	12.327	138	598	0.22	ppb	#	60
108) 1,2,4,5-Tetramethylben...	12.570	119	10368	0.25	ppb		99
109) Nitrobenzene	12.899	77	817	2.12	ppb	#	67
110) 1,2,4-Trichlorobenzene	13.586	180	3733	0.36	ppb		97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006838.D
Acq On : 17 Sep 2025 6:11 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL2
Misc : 8260 CAL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 09:15:40 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

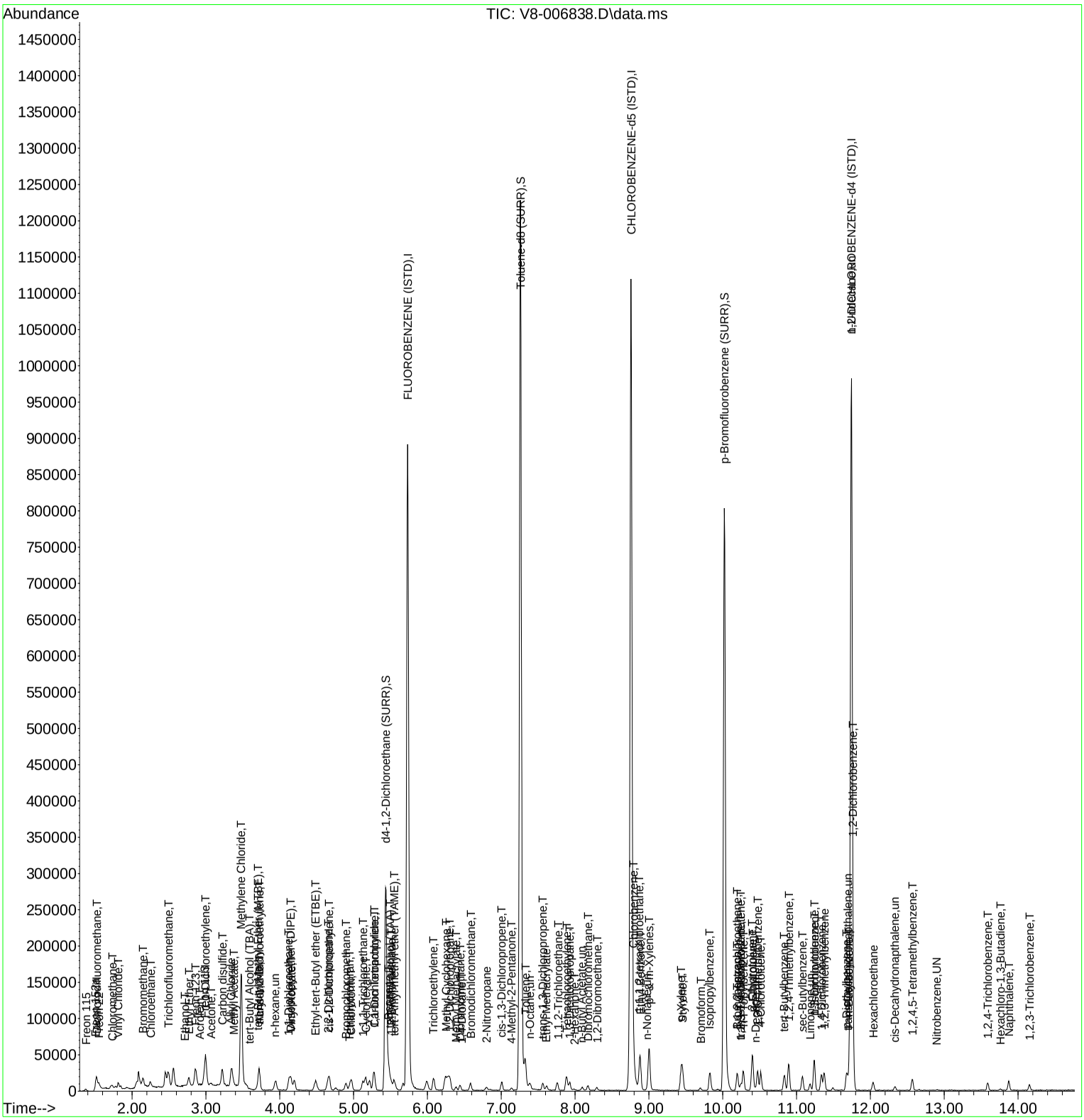
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
111) Hexachloro-1,3-Butadiene	13.757	225	758	0.33	ppb	#	75
112) Naphthalene	13.872	128	10748	0.41	ppb		98
113) 1,2,3-Trichlorobenzene	14.152	180	2992	0.37	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006838.D
Acq On : 17 Sep 2025 6:11 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL2
Misc : 8260 CAL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 18 09:15:40 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006839.D
Acq On : 17 Sep 2025 6:41 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc : 8260 CAL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 09:15:43 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.732	50	99177	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	159402	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	273001	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	200997	10.04	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.40%				
59) Toluene-d8 (SURR)	7.259	98	903001	10.91	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 109.10%				
81) p-Bromofluorobenzene (...	10.021	95	296508	11.75	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 117.50%				
Target Compounds							Qvalue
2) Freon 115	1.369	85	2400	1.02	ppb		90
3) Freon 152a	1.498	51	10240	0.66	ppb		91
4) Dichlorodifluoromethane	1.523	85	16150	0.67	ppb		99
5) Freon 22	1.547	51	13706	0.62	ppb		97
6) Chloromethane	1.723	50	14374	0.68	ppb		99
7) Vinyl Chloride	1.815	62	15989	0.61	ppb		98
8) Bromomethane	2.149	94	11269	0.69	ppb		97
9) Chloroethane	2.247	64	13532	0.77	ppb		94
10) Trichlorofluoromethane	2.490	101	35888	0.63	ppb		99
11) Ethyl Ether	2.770	59	12435	0.58	ppb		99
12) Ethanol	2.727	45	3132	27.07	ppb	#	64
13) Freon 123	2.861	83	28185	0.60	ppb		99
14) 1,1-Dichloroethylene	3.001	61	31958	0.61	ppb		98
15) Freon 113	2.989	101	21393	0.61	ppb		99
16) Acrolein	2.922	56	4364	2.17	ppb		80
17) Acetone	3.068	58	2103	1.02	ppb		62
19) Carbon disulfide	3.220	76	52950	0.60	ppb		96
20) Allyl Chloride	3.348	41	29677	0.56	ppb		95
21) Methyl Acetate	3.372	43	10127	0.77	ppb		87
22) tert-Butyl Alcohol (TBA)	3.603	59	3119	1.77	ppb	#	53
23) Methylene Chloride	3.475	49	103783	2.18	ppb		99
24) Acrylonitrile	3.719	53	8701	2.71	ppb		98
25) trans-1,2-Dichloroethy...	3.725	61	14144	0.55	ppb		98
26) tert-Butyl Methyl Ethe...	3.707	73	22258	0.56	ppb		98
27) n-hexane	3.938	57	14981	0.66	ppb		96
28) 1,1-Dichloroethane	4.126	63	18129	0.56	ppb		98
29) Vinyl Acetate	4.163	86	897	0.36	ppb	#	1
30) Diisopropyl ether (DIPE)	4.151	45	26697	0.52	ppb		98
31) Ethyl-tert-Butyl ether...	4.485	59	23686	0.49	ppb		98
32) cis-1,2-Dichloroethylene	4.668	61	14628	0.51	ppb		98
33) 2-Butanone	4.674	72	725	0.50	ppb		55
34) 2,2-Dichloropropane	4.656	77	12499	0.52	ppb		89
35) Tetrahydrofuran	4.948	71	2995	2.41	ppb		92
36) Bromochloromethane	4.899	49	7313	0.58	ppb		92
37) Chloroform	4.972	83	18843	0.55	ppb		97
38) 1,1,1-Trichloroethane	5.124	97	15246	0.52	ppb		97
39) Cyclohexane	5.161	56	18841	0.58	ppb		97
40) 1,1-Dichloropropylene	5.270	75	14889	0.53	ppb		96
42) Carbon Tetrachloride	5.282	117	13421	0.51	ppb		97
43) tert-Amyl alcohol (TAA)	5.489	59	1852	2.39	ppb		73
44) 1,2-Dichloroethane	5.507	62	12927	0.55	ppb		100
45) Benzene	5.477	78	41038	0.53	ppb	#	1
46) tert-Amyl methyl ether...	5.550	73	20618	0.49	ppb		94

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006839.D
Acq On : 17 Sep 2025 6:41 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc : 8260 CAL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 09:15:43 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Trichloroethylene	6.079	95	10876	0.58	ppb		96
49) Methyl Cyclohexane	6.243	83	16785	0.62	ppb		96
50) Methyl Methacrylate	6.389	69	4077	0.53	ppb		94
51) Dibromomethane	6.438	93	5008	0.58	ppb		98
52) Bromodichloromethane	6.584	83	12355	0.55	ppb		99
53) 1,2-Dichloropropane	6.304	63	9523	0.53	ppb		96
54) 1,4-Dioxane	6.444	88	1568	14.20	ppb		81
55) 2-Nitropropane	6.797	43	6342	2.09	ppb		86
56) 2-Chloroethyl vinyl ether	6.840	63	1391	0.43	ppb		97
57) cis-1,3-Dichloropropene	7.010	75	12548	0.49	ppb		95
58) 4-Methyl-2-Pentanone	7.144	43	4414	0.48	ppb	#	90
60) Toluene	7.326	91	47578	0.59	ppb		97
61) n-Octane	7.393	85	3285	0.69	ppb		92
62) Ethyl Methacrylate	7.612	69	7834	0.46	ppb		99
63) trans-1,3-Dichloropropene	7.564	75	9539	0.45	ppb		98
64) 1,1,2-Trichloroethane	7.758	97	6651	0.56	ppb		96
65) 1,3-Dichloropropane	7.929	76	12206	0.57	ppb		96
66) Tetrachloroethylene	7.886	166	11158	0.57	ppb		98
67) 2-Hexanone	7.983	43	3477	0.54	ppb	#	87
68) n-Butyl Actetate	8.093	43	7445	0.48	ppb	#	95
69) Dibromochloromethane	8.172	129	7361	0.52	ppb		99
70) 1,2-Dibromoethane	8.288	107	6251	0.57	ppb		99
71) Chlorobenzene	8.786	112	28211	0.57	ppb	#	39
72) 1,1,1,2-tetrachloroethane	8.872	131	8800	0.53	ppb	#	64
73) n-Nonane	8.975	57	2955	0.60	ppb	#	90
74) Ethyl Benzene	8.878	91	49688	0.56	ppb		97
75) p- & m-Xylenes	9.005	91	75356	1.07	ppb		99
76) o-Xylene	9.437	91	36674	0.53	ppb		100
77) Styrene	9.456	104	25866	0.46	ppb		98
78) Bromoform	9.699	173	3197	0.46	ppb		97
80) Isopropylbenzene	9.827	105	39341	0.59	ppb		98
82) 1,1,2,2-Tetrachloroethane	10.198	83	8347	0.67	ppb		94
83) Bromobenzene	10.192	77	16491	0.65	ppb		98
84) trans-1,4-Dichloro-2-b...	10.240	75	7134	0.57	ppb	#	88
85) 1,2,3-Trichloropropane	10.240	110	2062	0.61	ppb		98
86) n-Propylbenzene	10.277	91	48034	0.60	ppb		99
87) n-Decane	10.435	57	2722	0.69	ppb		83
88) p-Ethyltoluene	10.405	105	38782	0.55	ppb		96
89) 1,3,5-Trimethylbenzene	10.465	105	31185	0.53	ppb		98
90) 2-Chlorotoluene	10.399	91	33110	0.58	ppb		99
91) 4-Chlorotoluene	10.514	91	30138	0.55	ppb		98
92) tert-Butylbenzene	10.837	119	23218	0.55	ppb		96
93) 1,2,4-Trimethylbenzene	10.891	105	30530	0.51	ppb		97
94) sec-Butylbenzene	11.080	105	32153	0.55	ppb		99
95) Limonene	11.183	68	5149	0.50	ppb		99
96) 1,3-Dichlorobenzene	11.232	146	17553	0.55	ppb		99
97) p-Isopropyltoluene	11.238	119	26431	0.48	ppb		98
98) 1,4-Dichlorobenzene	11.335	146	17585	0.58	ppb		99
99) 1,2,3-Trimethylbenzene	11.378	105	31572	0.49	ppb		99
100) p-Diethylbenzene	11.676	105	14105	0.49	ppb	#	81
101) trans-Decahydronapthalene	11.682	138	2304	0.54	ppb		90
102) 1,2-Dichlorobenzene	11.761	146	17454	0.58	ppb	#	83
103) n-Butylbenzene	11.707	91	28692	0.51	ppb	#	87
104) Hexachloroethane	12.029	119	4526	0.54	ppb		96
105) n-Undecane	11.737	71	2540	1.09	ppb	#	1
106) cis-Decahydronapthalene	12.339	138	1491	0.55	ppb	#	71
107) 1,2-Dibromo-3-chloropr...	12.656	75	1025	0.56	ppb		90

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006839.D
Acq On : 17 Sep 2025 6:41 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc : 8260 CAL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 09:15:43 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

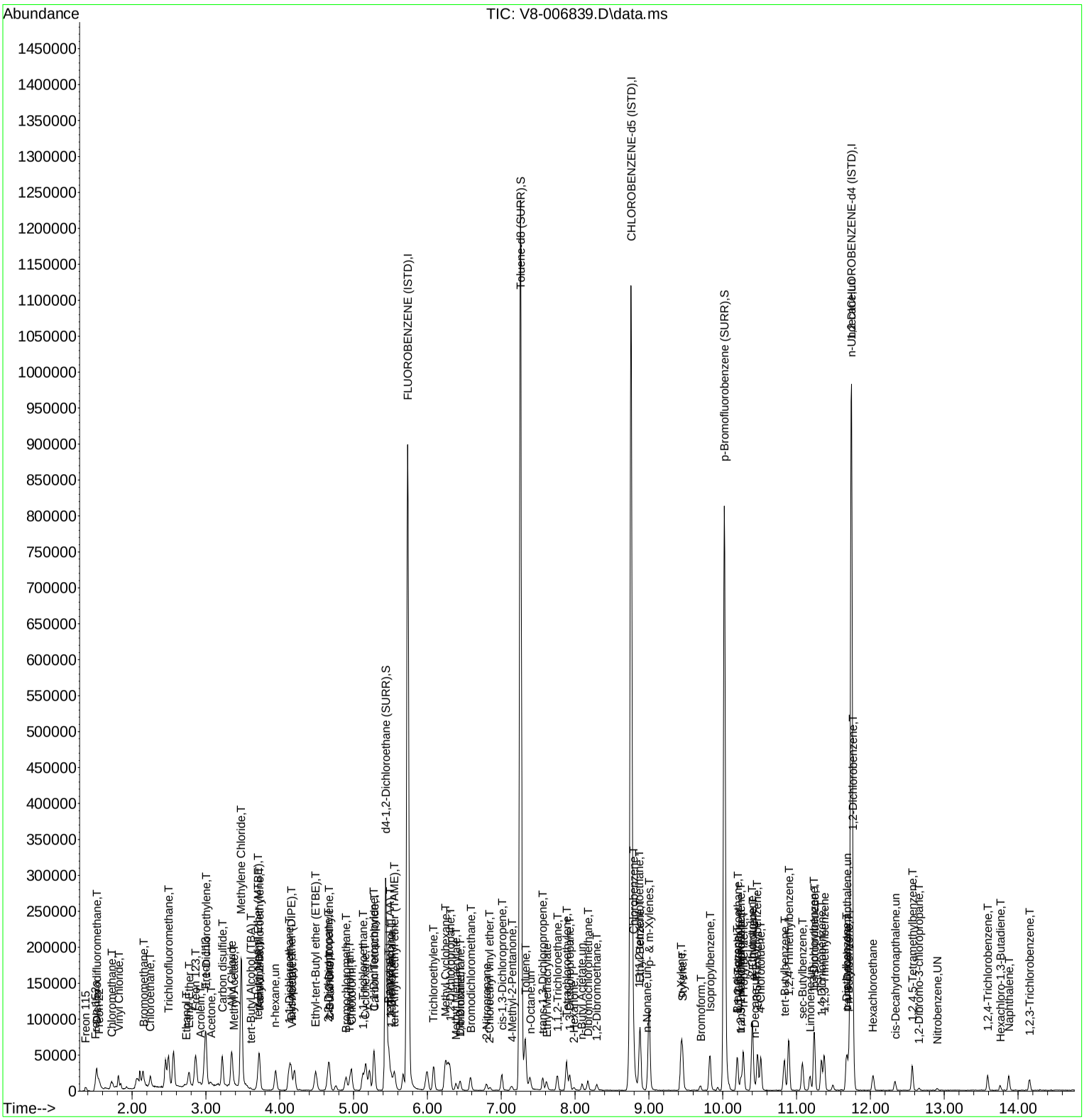
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2,4,5-Tetramethylben...	12.564	119	19997	0.48	ppb	100
109) Nitrobenzene	12.905	77	1671	4.34	ppb	90
110) 1,2,4-Trichlorobenzene	13.586	180	5912	0.57	ppb	90
111) Hexachloro-1,3-Butadiene	13.763	225	1405	0.61	ppb	93
112) Naphthalene	13.872	128	16193	0.61	ppb	99
113) 1,2,3-Trichlorobenzene	14.152	180	4800	0.59	ppb	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006839.D
Acq On : 17 Sep 2025 6:41 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc : 8260 CAL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 18 09:15:43 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006840.D
Acq On : 17 Sep 2025 7:10 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc : 8260 CAL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 18 09:15:47 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	98073	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	155666	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	266867	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	195679	9.89	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.90%				
59) Toluene-d8 (SURR)	7.260	98	877712	10.86	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 108.60%				
81) p-Bromofluorobenzene (...	10.022	95	287294	11.64	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 116.40%				
Target Compounds							Qvalue
2) Freon 115	1.369	85	2340	1.00	ppb		94
3) Freon 152a	1.499	51	17422	1.14	ppb		99
4) Dichlorodifluoromethane	1.523	85	27412	1.14	ppb		99
5) Freon 22	1.547	51	25980	1.19	ppb		99
6) Chloromethane	1.717	50	24196	1.16	ppb		99
7) Vinyl Chloride	1.815	62	29854	1.15	ppb		100
8) Bromomethane	2.143	94	20017	1.25	ppb		98
9) Chloroethane	2.247	64	20247	1.17	ppb		99
10) Trichlorofluoromethane	2.496	101	63591	1.12	ppb		99
11) Ethyl Ether	2.770	59	22161	1.05	ppb		95
12) Ethanol	2.721	45	4615	40.33	ppb	#	74
13) Freon 123	2.861	83	54316	1.17	ppb		99
14) 1,1-Dichloroethylene	3.001	61	60791	1.17	ppb		99
15) Freon 113	2.989	101	39940	1.15	ppb		99
16) Acrolein	2.916	56	8512	4.29	ppb		100
17) Acetone	3.068	58	3206	1.57	ppb		94
18) Iodomethane	3.159	142	10048	0.36	ppb		97
19) Carbon disulfide	3.220	76	100209	1.15	ppb		98
20) Allyl Chloride	3.348	41	59270	1.12	ppb		98
21) Methyl Acetate	3.366	43	14841	1.15	ppb		98
22) tert-Butyl Alcohol (TBA)	3.597	59	4953	2.85	ppb	#	64
23) Methylene Chloride	3.476	49	135585	2.88	ppb		99
24) Acrylonitrile	3.719	53	16578	5.21	ppb		97
25) trans-1,2-Dichloroethy...	3.725	61	26334	1.04	ppb		99
26) tert-Butyl Methyl Ethe...	3.713	73	40524	1.03	ppb		99
27) n-hexane	3.944	57	28230	1.25	ppb		97
28) 1,1-Dichloroethane	4.120	63	33724	1.06	ppb		99
29) Vinyl Acetate	4.157	86	2151	0.86	ppb		59
30) Diisopropyl ether (DIPE)	4.151	45	50409	0.99	ppb		100
31) Ethyl-tert-Butyl ether...	4.485	59	46183	0.97	ppb		99
32) cis-1,2-Dichloroethylene	4.668	61	29281	1.03	ppb		99
33) 2-Butanone	4.686	72	1463	1.02	ppb		66
34) 2,2-Dichloropropane	4.650	77	23545	0.99	ppb		92
35) Tetrahydrofuran	4.942	71	5908	4.81	ppb		97
36) Bromochloromethane	4.899	49	12973	1.03	ppb		96
37) Chloroform	4.966	83	33896	1.00	ppb		97
38) 1,1,1-Trichloroethane	5.124	97	29882	1.03	ppb		98
39) Cyclohexane	5.161	56	35544	1.11	ppb		98
40) 1,1-Dichloropropylene	5.276	75	28989	1.05	ppb		94
42) Carbon Tetrachloride	5.276	117	26804	1.02	ppb		98
43) tert-Amyl alcohol (TAA)	5.483	59	3385	4.41	ppb		85
44) 1,2-Dichloroethane	5.507	62	23091	1.00	ppb		98
45) Benzene	5.477	78	78138	1.03	ppb	#	3

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006840.D
Acq On : 17 Sep 2025 7:10 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc : 8260 CAL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 18 09:15:47 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	37979	0.91	ppb		93
48) Trichloroethylene	6.079	95	21319	1.16	ppb		98
49) Methyl Cyclohexane	6.250	83	33160	1.24	ppb		99
50) Methyl Methacrylate	6.390	69	8042	1.06	ppb		84
51) Dibromomethane	6.444	93	9379	1.12	ppb		97
52) Bromodichloromethane	6.584	83	23155	1.05	ppb		100
53) 1,2-Dichloropropane	6.304	63	18710	1.07	ppb		96
54) 1,4-Dioxane	6.444	88	2690	24.94	ppb		93
55) 2-Nitropropane	6.803	43	12422	4.18	ppb		96
56) 2-Chloroethyl vinyl ether	6.852	63	2556	0.81	ppb		97
57) cis-1,3-Dichloropropene	7.004	75	23826	0.96	ppb		94
58) 4-Methyl-2-Pentanone	7.144	43	9011	1.01	ppb	#	91
60) Toluene	7.326	91	88922	1.13	ppb		98
61) n-Octane	7.387	85	6689	1.43	ppb		94
62) Ethyl Methacrylate	7.612	69	14872	0.89	ppb		97
63) trans-1,3-Dichloropropene	7.564	75	18452	0.90	ppb		98
64) 1,1,2-Trichloroethane	7.752	97	12287	1.06	ppb		98
65) 1,3-Dichloropropane	7.923	76	22303	1.07	ppb		91
66) Tetrachloroethylene	7.886	166	21208	1.10	ppb		99
67) 2-Hexanone	7.977	43	6808	1.07	ppb		91
68) n-Butyl Actetate	8.093	43	12834	0.84	ppb	#	98
69) Dibromochloromethane	8.172	129	13204	0.96	ppb		98
70) 1,2-Dibromoethane	8.294	107	11754	1.11	ppb		96
71) Chlorobenzene	8.787	112	53520	1.12	ppb	#	72
72) 1,1,1,2-tetrachloroethane	8.872	131	15559	0.97	ppb	#	68
73) n-Nonane	8.981	57	5687	1.18	ppb	#	98
74) Ethyl Benzene	8.878	91	92194	1.07	ppb		98
75) p- & m-Xylenes	9.006	91	142019	2.07	ppb		99
76) o-Xylene	9.437	91	66996	0.98	ppb		98
77) Styrene	9.456	104	50413	0.91	ppb		98
78) Bromoform	9.699	173	6172	0.91	ppb		99
80) Isopropylbenzene	9.827	105	75642	1.16	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.198	83	14749	1.21	ppb		98
83) Bromobenzene	10.192	77	28810	1.16	ppb		96
84) trans-1,4-Dichloro-2-b...	10.241	75	13092	1.08	ppb	#	88
85) 1,2,3-Trichloropropane	10.253	110	3647	1.10	ppb		89
86) n-Propylbenzene	10.277	91	92476	1.17	ppb		100
87) n-Decane	10.441	57	4264	1.11	ppb		92
88) p-Ethyltoluene	10.405	105	75332	1.10	ppb		100
89) 1,3,5-Trimethylbenzene	10.472	105	60542	1.06	ppb		100
90) 2-Chlorotoluene	10.399	91	63394	1.13	ppb		100
91) 4-Chlorotoluene	10.514	91	64048	1.19	ppb		94
92) tert-Butylbenzene	10.837	119	45890	1.11	ppb		98
93) 1,2,4-Trimethylbenzene	10.891	105	58883	1.01	ppb		97
94) sec-Butylbenzene	11.080	105	63538	1.12	ppb		99
95) Limonene	11.183	68	10847	1.08	ppb		96
96) 1,3-Dichlorobenzene	11.238	146	31943	1.02	ppb		98
97) p-Isopropyltoluene	11.238	119	53339	0.99	ppb		99
98) 1,4-Dichlorobenzene	11.336	146	31082	1.04	ppb		98
99) 1,2,3-Trimethylbenzene	11.372	105	61635	0.97	ppb		100
100) p-Diethylbenzene	11.676	105	26877	0.95	ppb	#	83
101) trans-Decahydronapthalene	11.682	138	5044	1.21	ppb		97
102) 1,2-Dichlorobenzene	11.761	146	31384	1.07	ppb		90
103) n-Butylbenzene	11.707	91	56083	1.03	ppb	#	85
104) Hexachloroethane	12.035	119	8225	1.00	ppb		99
105) n-Undecane	11.774	71	1764	0.78	ppb	#	5
106) cis-Decahydronapthalene	12.333	138	3501	1.33	ppb	#	96

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006840.D
Acq On : 17 Sep 2025 7:10 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc : 8260 CAL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 18 09:15:47 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

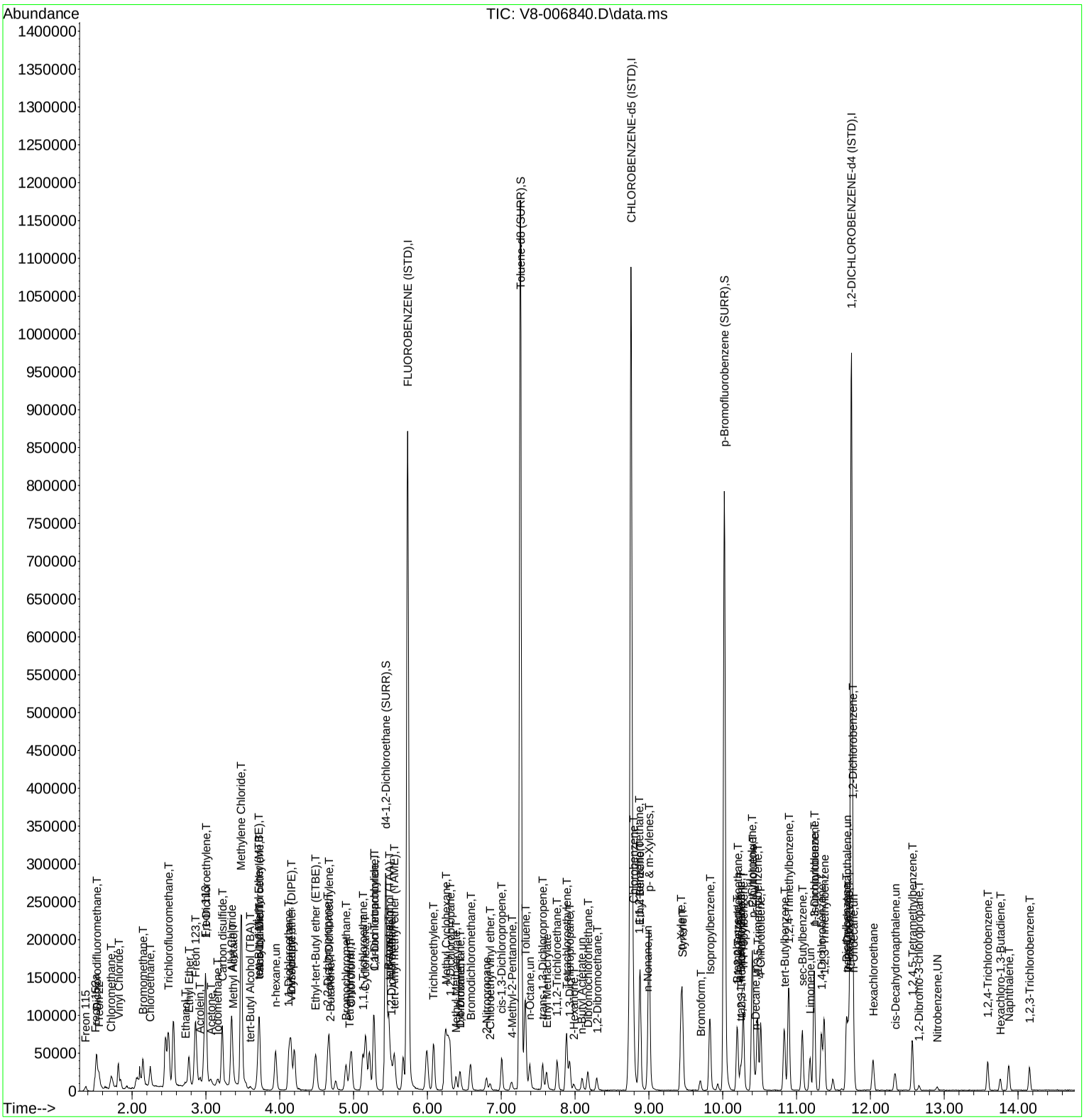
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.656	75	2102	1.18	ppb	83
108) 1,2,4,5-Tetramethylben...	12.564	119	39628	0.97	ppb	99
109) Nitrobenzene	12.899	77	3220	8.56	ppb	90
110) 1,2,4-Trichlorobenzene	13.586	180	11639	1.15	ppb	98
111) Hexachloro-1,3-Butadiene	13.763	225	2750	1.23	ppb	94
112) Naphthalene	13.872	128	28263	1.10	ppb	99
113) 1,2,3-Trichlorobenzene	14.152	180	9105	1.14	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006840.D
Acq On : 17 Sep 2025 7:10 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc : 8260 CAL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 18 09:15:47 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006841.D
Acq On : 17 Sep 2025 7:40 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL5
Misc : 8260 CAL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 18 09:15:51 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	98670	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	161719	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	288590	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	204301	10.26	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.60%				
59) Toluene-d8 (SURR)	7.259	98	897811	10.69	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 106.90%				
81) p-Bromofluorobenzene (...	10.021	95	300955	11.28	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 112.80%				
Target Compounds							Qvalue
2) Freon 115	1.369	85	6051	2.57	ppb		92
3) Freon 152a	1.504	51	37750	2.45	ppb		95
4) Dichlorodifluoromethane	1.517	85	55197	2.29	ppb		99
5) Freon 22	1.547	51	48806	2.22	ppb		98
6) Chloromethane	1.723	50	49470	2.36	ppb		99
7) Vinyl Chloride	1.809	62	61020	2.33	ppb		99
8) Bromomethane	2.143	94	37200	2.30	ppb		99
9) Chloroethane	2.247	64	41991	2.41	ppb		97
10) Trichlorofluoromethane	2.490	101	128489	2.26	ppb		100
11) Ethyl Ether	2.770	59	44614	2.11	ppb		98
12) Ethanol	2.715	45	11030	95.81	ppb	#	96
13) Freon 123	2.861	83	103500	2.21	ppb		98
14) 1,1-Dichloroethylene	3.001	61	117268	2.24	ppb		100
15) Freon 113	2.983	101	78444	2.25	ppb		99
16) Acrolein	2.916	56	15886	7.96	ppb		95
17) Acetone	3.062	58	5884	2.86	ppb		82
18) Iodomethane	3.153	142	32400	1.16	ppb		96
19) Carbon disulfide	3.220	76	197952	2.27	ppb		99
20) Allyl Chloride	3.348	41	116672	2.19	ppb		97
21) Methyl Acetate	3.366	43	29633	2.28	ppb		100
22) tert-Butyl Alcohol (TBA)	3.591	59	11677	6.67	ppb	#	94
23) Methylene Chloride	3.475	49	167043	3.53	ppb		99
24) Acrylonitrile	3.719	53	34026	10.64	ppb		97
25) trans-1,2-Dichloroethy...	3.725	61	53375	2.10	ppb		99
26) tert-Butyl Methyl Ethe...	3.707	73	81097	2.05	ppb		98
27) n-hexane	3.944	57	55930	2.46	ppb		98
28) 1,1-Dichloroethane	4.120	63	66448	2.08	ppb		99
29) Vinyl Acetate	4.157	86	4344	1.73	ppb		62
30) Diisopropyl ether (DIPE)	4.151	45	102312	2.00	ppb		99
31) Ethyl-tert-Butyl ether...	4.485	59	92725	1.94	ppb		100
32) cis-1,2-Dichloroethylene	4.668	61	57065	1.99	ppb		98
33) 2-Butanone	4.680	72	2771	1.93	ppb		69
34) 2,2-Dichloropropane	4.656	77	47060	1.96	ppb		94
35) Tetrahydrofuran	4.948	71	11830	9.57	ppb		95
36) Bromochloromethane	4.899	49	26771	2.12	ppb		97
37) Chloroform	4.966	83	69480	2.04	ppb		100
38) 1,1,1-Trichloroethane	5.124	97	60298	2.06	ppb		98
39) Cyclohexane	5.161	56	70446	2.18	ppb		99
40) 1,1-Dichloropropylene	5.276	75	59161	2.13	ppb		97
42) Carbon Tetrachloride	5.276	117	53684	2.03	ppb		99
43) tert-Amyl alcohol (TAA)	5.489	59	8006	10.37	ppb		95
44) 1,2-Dichloroethane	5.507	62	47008	2.03	ppb		99
45) Benzene	5.477	78	156697	2.05	ppb	#	49

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006841.D
Acq On : 17 Sep 2025 7:40 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL5
Misc : 8260 CAL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 18 09:15:51 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.556	73	80066	1.90	ppb		97
48) Trichloroethylene	6.085	95	42359	2.22	ppb		98
49) Methyl Cyclohexane	6.244	83	69936	2.53	ppb		97
50) Methyl Methacrylate	6.383	69	16224	2.07	ppb		93
51) Dibromomethane	6.438	93	18710	2.15	ppb		97
52) Bromodichloromethane	6.584	83	48367	2.12	ppb		100
53) 1,2-Dichloropropane	6.304	63	37978	2.09	ppb		99
54) 1,4-Dioxane	6.444	88	6061	54.10	ppb		98
55) 2-Nitropropane	6.803	43	26919	8.73	ppb		98
56) 2-Chloroethyl vinyl ether	6.846	63	6072	1.84	ppb		97
57) cis-1,3-Dichloropropene	7.010	75	51130	1.98	ppb		98
58) 4-Methyl-2-Pentanone	7.138	43	16605	1.79	ppb	#	88
60) Toluene	7.326	91	176348	2.15	ppb		100
61) n-Octane	7.387	85	13584	2.79	ppb		96
62) Ethyl Methacrylate	7.612	69	32304	1.87	ppb		96
63) trans-1,3-Dichloropropene	7.564	75	40314	1.89	ppb		99
64) 1,1,2-Trichloroethane	7.758	97	25550	2.12	ppb		99
65) 1,3-Dichloropropane	7.929	76	46192	2.13	ppb		98
66) Tetrachloroethylene	7.880	166	43931	2.20	ppb		97
67) 2-Hexanone	7.983	43	13269	2.02	ppb		98
68) n-Butyl Actetate	8.093	43	28326	1.78	ppb		99
69) Dibromochloromethane	8.172	129	27816	1.95	ppb		97
70) 1,2-Dibromoethane	8.294	107	23775	2.15	ppb		99
71) Chlorobenzene	8.786	112	108206	2.17	ppb		95
72) 1,1,1,2-tetrachloroethane	8.878	131	33115	1.98	ppb		91
73) n-Nonane	8.981	57	12562	2.52	ppb		97
74) Ethyl Benzene	8.878	91	188457	2.10	ppb		100
75) p- & m-Xylenes	8.999	91	289135	4.06	ppb		99
76) o-Xylene	9.437	91	140327	1.98	ppb		100
77) Styrene	9.456	104	107660	1.88	ppb		99
78) Bromoform	9.699	173	12958	1.84	ppb		97
80) Isopropylbenzene	9.827	105	161525	2.28	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.198	83	31229	2.36	ppb		96
83) Bromobenzene	10.192	77	60201	2.23	ppb		95
84) trans-1,4-Dichloro-2-b...	10.247	75	28472	2.17	ppb	#	47
85) 1,2,3-Trichloropropane	10.240	110	8308	2.32	ppb		98
86) n-Propylbenzene	10.277	91	193120	2.27	ppb		100
87) n-Decane	10.435	57	12506	3.02	ppb		87
88) p-Ethyltoluene	10.405	105	158908	2.14	ppb		99
89) 1,3,5-Trimethylbenzene	10.472	105	130361	2.11	ppb		100
90) 2-Chlorotoluene	10.399	91	130865	2.16	ppb		100
91) 4-Chlorotoluene	10.514	91	133902	2.29	ppb		95
92) tert-Butylbenzene	10.831	119	98165	2.20	ppb		98
93) 1,2,4-Trimethylbenzene	10.897	105	129753	2.06	ppb		99
94) sec-Butylbenzene	11.080	105	135711	2.22	ppb		99
95) Limonene	11.183	68	24214	2.22	ppb		96
96) 1,3-Dichlorobenzene	11.238	146	67653	1.99	ppb		98
97) p-Isopropyltoluene	11.238	119	119553	2.04	ppb		98
98) 1,4-Dichlorobenzene	11.335	146	67422	2.09	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	133616	1.95	ppb		99
100) p-Diethylbenzene	11.676	105	60809	1.98	ppb		99
101) trans-Decahydronapthalene	11.682	138	10909	2.42	ppb		95
102) 1,2-Dichlorobenzene	11.761	146	63999	2.02	ppb		95
103) n-Butylbenzene	11.701	91	116897	1.98	ppb		100
104) Hexachloroethane	12.035	119	18540	2.09	ppb		98
105) n-Undecane	11.774	71	5844	2.38	ppb	#	1
106) cis-Decahydronapthalene	12.333	138	7785	2.73	ppb	#	95

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006841.D
Acq On : 17 Sep 2025 7:40 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL5
Misc : 8260 CAL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 18 09:15:51 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

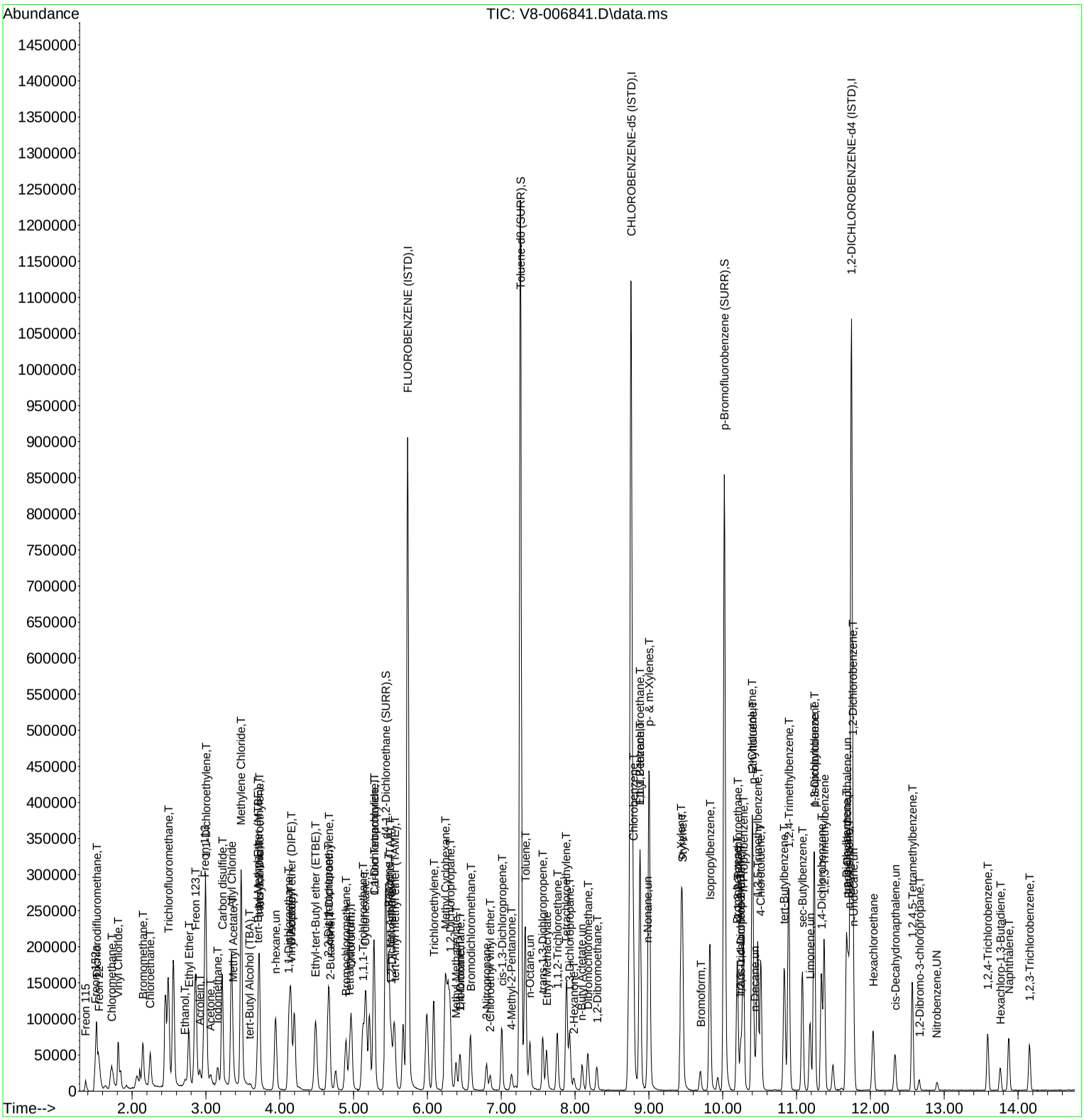
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.668	75	4004	2.09	ppb	99
108) 1,2,4,5-Tetramethylben...	12.564	119	88376	2.01	ppb	99
109) Nitrobenzene	12.899	77	6723	16.52	ppb	96
110) 1,2,4-Trichlorobenzene	13.586	180	24166	2.20	ppb	97
111) Hexachloro-1,3-Butadiene	13.763	225	6104	2.52	ppb	98
112) Naphthalene	13.872	128	60311	2.17	ppb	99
113) 1,2,3-Trichlorobenzene	14.152	180	20073	2.33	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006841.D
Acq On : 17 Sep 2025 7:40 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL5
Misc : 8260 CAL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 18 09:15:51 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006842.D
Acq On : 17 Sep 2025 8:09 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL6
Misc : 8260 CAL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 18 09:15:55 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	99998	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	172083	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	307934	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.435	65	201619	9.99	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.90%				
59) Toluene-d8 (SURR)	7.260	98	916566	10.26	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 102.60%				
81) p-Bromofluorobenzene (...	10.022	95	315428	11.08	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 110.80%				
Target Compounds							Qvalue
2) Freon 115	1.370	85	10273	4.31	ppb		94
3) Freon 152a	1.505	51	70963	4.55	ppb		98
4) Dichlorodifluoromethane	1.523	85	107349	4.39	ppb		100
5) Freon 22	1.547	51	98624	4.42	ppb		100
6) Chloromethane	1.724	50	94664	4.46	ppb		99
7) Vinyl Chloride	1.815	62	119109	4.49	ppb		100
8) Bromomethane	2.149	94	69131	4.22	ppb		99
9) Chloroethane	2.247	64	77599	4.40	ppb		99
10) Trichlorofluoromethane	2.490	101	252130	4.37	ppb		99
11) Ethyl Ether	2.770	59	88084	4.10	ppb		98
12) Ethanol	2.715	45	22425	192.20	ppb	#	68
13) Freon 123	2.861	83	212589	4.49	ppb		99
14) 1,1-Dichloroethylene	3.001	61	237467	4.48	ppb		100
15) Freon 113	2.983	101	158455	4.48	ppb		100
16) Acrolein	2.916	56	33867	16.73	ppb		98
17) Acetone	3.068	58	10509	5.04	ppb		86
18) Iodomethane	3.159	142	90222	3.20	ppb		99
19) Carbon disulfide	3.220	76	398134	4.50	ppb		99
20) Allyl Chloride	3.348	41	236601	4.39	ppb		99
21) Methyl Acetate	3.366	43	58896	4.47	ppb		100
22) tert-Butyl Alcohol (TBA)	3.603	59	22182	12.50	ppb		93
23) Methylene Chloride	3.476	49	268438	5.59	ppb		99
24) Acrylonitrile	3.719	53	65891	20.32	ppb		98
25) trans-1,2-Dichloroethy...	3.725	61	108068	4.19	ppb		100
26) tert-Butyl Methyl Ethe...	3.707	73	162165	4.05	ppb		100
27) n-hexane	3.944	57	111479	4.84	ppb		98
28) 1,1-Dichloroethane	4.127	63	134365	4.15	ppb		100
29) Vinyl Acetate	4.151	86	9644	3.79	ppb		85
30) Diisopropyl ether (DIPE)	4.145	45	207335	4.00	ppb		99
31) Ethyl-tert-Butyl ether...	4.486	59	191378	3.95	ppb		100
32) cis-1,2-Dichloroethylene	4.668	61	117016	4.03	ppb		99
33) 2-Butanone	4.674	72	6247	4.29	ppb		94
34) 2,2-Dichloropropane	4.656	77	100503	4.13	ppb		99
35) Tetrahydrofuran	4.942	71	25829	20.62	ppb		92
36) Bromochloromethane	4.899	49	53409	4.18	ppb		98
37) Chloroform	4.972	83	141487	4.10	ppb		99
38) 1,1,1-Trichloroethane	5.124	97	124027	4.19	ppb		99
39) Cyclohexane	5.167	56	142800	4.37	ppb		99
40) 1,1-Dichloropropylene	5.276	75	122063	4.34	ppb		97
42) Carbon Tetrachloride	5.276	117	113635	4.25	ppb		99
43) tert-Amyl alcohol (TAA)	5.489	59	15982	20.43	ppb		94
44) 1,2-Dichloroethane	5.508	62	94277	4.01	ppb		99
45) Benzene	5.477	78	314727	4.06	ppb		94

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006842.D
Acq On : 17 Sep 2025 8:09 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL6
Misc : 8260 CAL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 18 09:15:55 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	164476	3.85	ppb		97
48) Trichloroethylene	6.086	95	86654	4.27	ppb		99
49) Methyl Cyclohexane	6.244	83	145424	4.94	ppb		95
50) Methyl Methacrylate	6.390	69	33243	3.98	ppb		98
51) Dibromomethane	6.438	93	38660	4.17	ppb		99
52) Bromodichloromethane	6.584	83	100446	4.13	ppb		99
53) 1,2-Dichloropropane	6.305	63	76992	3.98	ppb		98
54) 1,4-Dioxane	6.451	88	11647	97.70	ppb		98
55) 2-Nitropropane	6.797	43	69536	21.19	ppb		91
56) 2-Chloroethyl vinyl ether	6.846	63	13133	3.74	ppb		97
57) cis-1,3-Dichloropropene	7.004	75	107700	3.92	ppb		98
58) 4-Methyl-2-Pentanone	7.138	43	38608	3.91	ppb	#	90
60) Toluene	7.327	91	363703	4.18	ppb		100
61) n-Octane	7.394	85	29100	5.62	ppb		99
62) Ethyl Methacrylate	7.613	69	70844	3.85	ppb		98
63) trans-1,3-Dichloropropene	7.564	75	87408	3.85	ppb		100
64) 1,1,2-Trichloroethane	7.759	97	52861	4.12	ppb		98
65) 1,3-Dichloropropane	7.929	76	94533	4.09	ppb		98
66) Tetrachloroethylene	7.886	166	91537	4.31	ppb		98
67) 2-Hexanone	7.984	43	27786	3.97	ppb		99
68) n-Butyl Actetate	8.093	43	62586	3.70	ppb		98
69) Dibromochloromethane	8.172	129	60279	3.98	ppb		98
70) 1,2-Dibromoethane	8.294	107	47601	4.05	ppb		99
71) Chlorobenzene	8.787	112	219534	4.14	ppb		95
72) 1,1,1,2-tetrachloroethane	8.872	131	69921	3.93	ppb		95
73) n-Nonane	8.981	57	27162	5.11	ppb		97
74) Ethyl Benzene	8.878	91	392309	4.11	ppb		100
75) p- & m-Xylenes	9.000	91	606672	8.01	ppb		100
76) o-Xylene	9.438	91	295751	3.93	ppb		100
77) Styrene	9.456	104	233309	3.82	ppb		98
78) Bromoform	9.699	173	28443	3.79	ppb		99
80) Isopropylbenzene	9.827	105	345248	4.58	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.198	83	63747	4.51	ppb		100
83) Bromobenzene	10.192	77	128915	4.48	ppb		98
84) trans-1,4-Dichloro-2-b...	10.247	75	60128	4.29	ppb	#	95
85) 1,2,3-Trichloropropane	10.247	110	17438	4.57	ppb		96
86) n-Propylbenzene	10.277	91	410617	4.51	ppb		100
87) n-Decane	10.435	57	24239	5.48	ppb		94
88) p-Ethyltoluene	10.405	105	340825	4.30	ppb		99
89) 1,3,5-Trimethylbenzene	10.472	105	277682	4.21	ppb		100
90) 2-Chlorotoluene	10.399	91	278184	4.30	ppb		99
91) 4-Chlorotoluene	10.514	91	253644	4.07	ppb		99
92) tert-Butylbenzene	10.837	119	208734	4.39	ppb		100
93) 1,2,4-Trimethylbenzene	10.892	105	278876	4.16	ppb		99
94) sec-Butylbenzene	11.080	105	291190	4.46	ppb		100
95) Limonene	11.184	68	53791	4.63	ppb		99
96) 1,3-Dichlorobenzene	11.238	146	146449	4.04	ppb		99
97) p-Isopropyltoluene	11.238	119	255500	4.10	ppb		99
98) 1,4-Dichlorobenzene	11.336	146	143900	4.18	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	286593	3.91	ppb		100
100) p-Diethylbenzene	11.676	105	132938	4.07	ppb		100
101) trans-Decahydronapthalene	11.688	138	24110	5.01	ppb		97
102) 1,2-Dichlorobenzene	11.762	146	135096	3.99	ppb		100
103) n-Butylbenzene	11.701	91	258308	4.09	ppb		99
104) Hexachloroethane	12.035	119	40785	4.30	ppb		96
105) n-Undecane	11.780	71	10938	4.17	ppb	#	55
106) cis-Decahydronapthalene	12.333	138	16280	5.35	ppb	#	97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006842.D
Acq On : 17 Sep 2025 8:09 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL6
Misc : 8260 CAL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 18 09:15:55 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

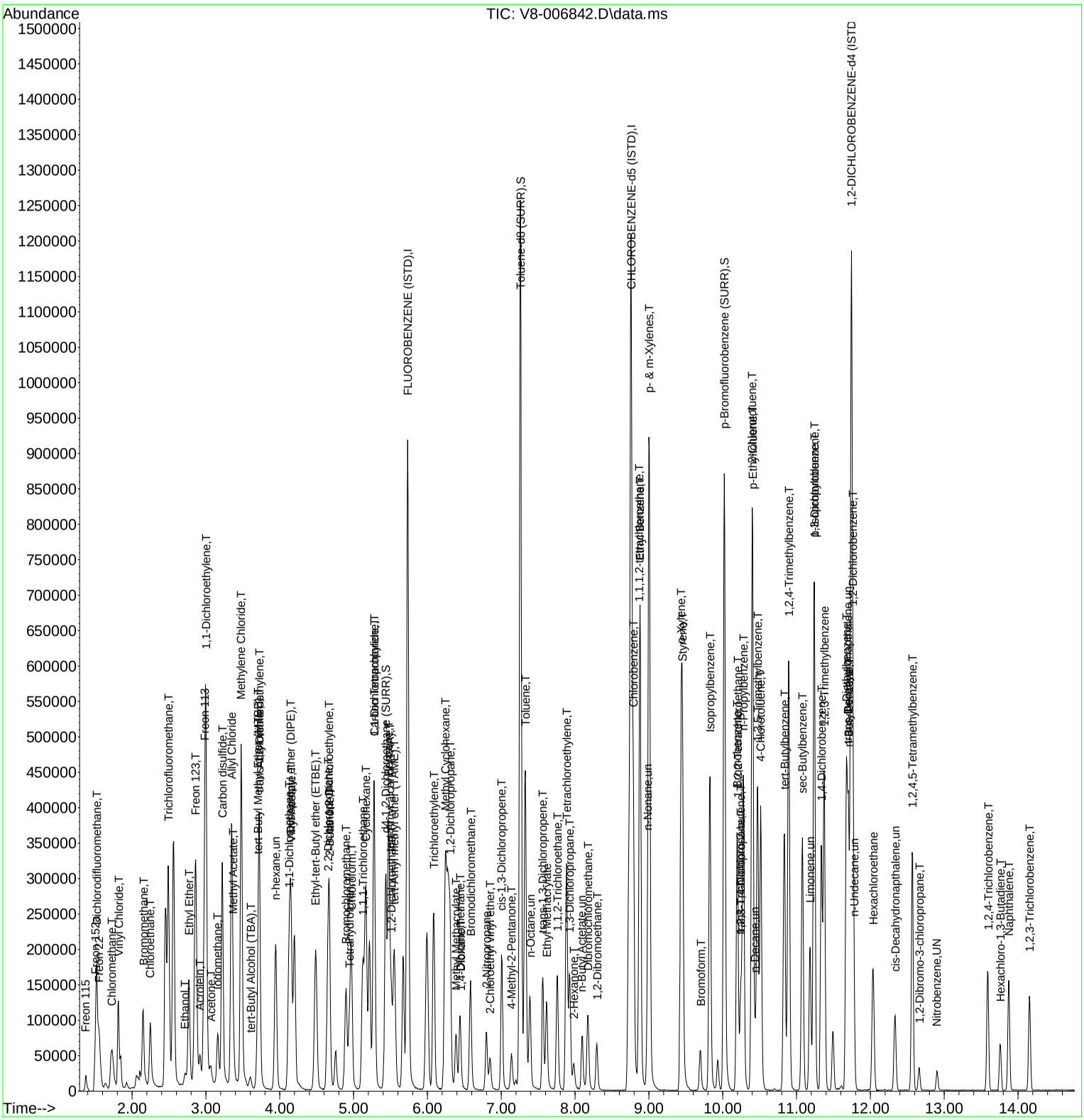
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.662	75	8415	4.11	ppb	94
108) 1,2,4,5-Tetramethylben...	12.565	119	200655	4.27	ppb	100
109) Nitrobenzene	12.899	77	15355	35.36	ppb	98
110) 1,2,4-Trichlorobenzene	13.593	180	52666	4.49	ppb	99
111) Hexachloro-1,3-Butadiene	13.763	225	11503	4.45	ppb	92
112) Naphthalene	13.873	128	129456	4.36	ppb	99
113) 1,2,3-Trichlorobenzene	14.152	180	41182	4.47	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006842.D
Acq On : 17 Sep 2025 8:09 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL6
Misc : 8260 CAL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 18 09:15:55 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006843.D
Acq On : 17 Sep 2025 8:38 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL7
Misc : 8260 CAL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 18 09:15:58 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	108917	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	193132	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	390315	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.435	65	219771	10.00	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.00%				
59) Toluene-d8 (SURR)	7.260	98	1002967	10.00	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 100.00%				
81) p-Bromofluorobenzene (...	10.022	95	360906	10.00	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.00%				
Target Compounds							Qvalue
2) Freon 115	1.370	85	25967	10.00	ppb		100
3) Freon 152a	1.505	51	169813	10.00	ppb		100
4) Dichlorodifluoromethane	1.517	85	266620	10.00	ppb		100
5) Freon 22	1.547	51	243064	10.00	ppb		100
6) Chloromethane	1.724	50	231102	10.00	ppb		100
7) Vinyl Chloride	1.809	62	288852	9.99	ppb		100
8) Bromomethane	2.143	94	177837	9.98	ppb		100
9) Chloroethane	2.247	64	192022	10.00	ppb		100
10) Trichlorofluoromethane	2.490	101	628526	10.00	ppb		100
11) Ethyl Ether	2.770	59	233913	10.00	ppb		100
12) Ethanol	2.715	45	50832	400.00	ppb	#	97
13) Freon 123	2.855	83	516128	10.00	ppb		100
14) 1,1-Dichloroethylene	3.001	61	577345	10.00	ppb		100
15) Freon 113	2.983	101	385266	10.00	ppb		100
16) Acrolein	2.916	56	88169	40.00	ppb		100
17) Acetone	3.062	58	22713	10.00	ppb		99
18) Iodomethane	3.159	142	307259	10.00	ppb		100
19) Carbon disulfide	3.220	76	964520	10.00	ppb		100
20) Allyl Chloride	3.348	41	587100	10.00	ppb		100
21) Methyl Acetate	3.366	43	143588	10.00	ppb		100
22) tert-Butyl Alcohol (TBA)	3.597	59	96609	50.00	ppb		100
23) Methylene Chloride	3.476	49	522844	10.00	ppb		100
24) Acrylonitrile	3.719	53	176585	50.00	ppb		100
25) trans-1,2-Dichloroethy...	3.719	61	280656	10.00	ppb		100
26) tert-Butyl Methyl Ethe...	3.707	73	436532	10.00	ppb		100
27) n-hexane	3.944	57	250935	10.00	ppb		100
28) 1,1-Dichloroethane	4.120	63	352489	10.00	ppb		100
29) Vinyl Acetate	4.157	86	27730	10.00	ppb		100
30) Diisopropyl ether (DIPE)	4.151	45	565911	10.01	ppb		100
31) Ethyl-tert-Butyl ether...	4.486	59	527925	10.00	ppb		100
32) cis-1,2-Dichloroethylene	4.668	61	316500	10.00	ppb		100
33) 2-Butanone	4.680	72	15858	10.00	ppb		100
34) 2,2-Dichloropropane	4.650	77	265033	10.00	ppb		100
35) Tetrahydrofuran	4.942	71	68228	50.00	ppb		100
36) Bromochloromethane	4.899	49	139294	10.00	ppb		100
37) Chloroform	4.972	83	375928	10.01	ppb		100
38) 1,1,1-Trichloroethane	5.124	97	322586	10.00	ppb		100
39) Cyclohexane	5.161	56	356026	10.00	ppb		100
40) 1,1-Dichloropropylene	5.276	75	306325	10.00	ppb		100
42) Carbon Tetrachloride	5.276	117	291274	10.00	ppb		100
43) tert-Amyl alcohol (TAA)	5.489	59	42597	50.00	ppb		100
44) 1,2-Dichloroethane	5.508	62	256043	10.00	ppb		100
45) Benzene	5.477	78	843984	10.00	ppb		100

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006843.D
Acq On : 17 Sep 2025 8:38 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL7
Misc : 8260 CAL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 18 09:15:58 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	464943	10.00	ppb		100
48) Trichloroethylene	6.085	95	227803	10.00	ppb		100
49) Methyl Cyclohexane	6.244	83	330634	10.00	ppb		100
50) Methyl Methacrylate	6.384	69	93773	10.00	ppb		100
51) Dibromomethane	6.438	93	104060	10.00	ppb		100
52) Bromodichloromethane	6.584	83	272873	10.00	ppb		100
53) 1,2-Dichloropropane	6.305	63	216920	10.00	ppb		100
54) 1,4-Dioxane	6.444	88	33450	250.00	ppb		100
55) 2-Nitropropane	6.797	43	184182	50.00	ppb		100
56) 2-Chloroethyl vinyl ether	6.846	63	39381	10.00	ppb		100
57) cis-1,3-Dichloropropene	7.004	75	308324	10.00	ppb		100
58) 4-Methyl-2-Pentanone	7.138	43	110694	10.00	ppb		100
60) Toluene	7.327	91	977688	10.00	ppb		100
61) n-Octane	7.387	85	58066	10.00	ppb		100
62) Ethyl Methacrylate	7.612	69	206384	10.00	ppb		100
63) trans-1,3-Dichloropropene	7.564	75	255063	10.00	ppb		100
64) 1,1,2-Trichloroethane	7.758	97	144057	10.00	ppb		100
65) 1,3-Dichloropropane	7.929	76	259115	10.00	ppb		100
66) Tetrachloroethylene	7.886	166	238437	10.00	ppb		100
67) 2-Hexanone	7.984	43	78618	10.00	ppb		100
68) n-Butyl Actetate	8.093	43	189663	10.00	ppb		100
69) Dibromochloromethane	8.172	129	170139	10.00	ppb		100
70) 1,2-Dibromoethane	8.294	107	131892	10.00	ppb		100
71) Chlorobenzene	8.787	112	595011	10.00	ppb		100
72) 1,1,1,2-tetrachloroethane	8.872	131	199516	10.00	ppb		100
73) n-Nonane	8.981	57	59634	10.00	ppb		100
74) Ethyl Benzene	8.878	91	1071337	10.00	ppb		100
75) p- & m-Xylenes	9.006	91	1699733	20.00	ppb		100
76) o-Xylene	9.438	91	844888	10.00	ppb		100
77) Styrene	9.456	104	684801	10.00	ppb		100
78) Bromoform	9.699	173	84243	10.00	ppb		100
80) Isopropylbenzene	9.827	105	956500	10.00	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.198	83	179000	10.00	ppb		100
83) Bromobenzene	10.192	77	364711	10.00	ppb		100
84) trans-1,4-Dichloro-2-b...	10.247	75	177700	10.00	ppb	#	100
85) 1,2,3-Trichloropropane	10.247	110	48392	10.00	ppb		100
86) n-Propylbenzene	10.277	91	1152904	10.00	ppb		100
87) n-Decane	10.435	57	56091	10.00	ppb		100
88) p-Ethyltoluene	10.405	105	1004633	10.00	ppb		100
89) 1,3,5-Trimethylbenzene	10.472	105	836146	10.00	ppb		100
90) 2-Chlorotoluene	10.399	91	820775	10.00	ppb		100
91) 4-Chlorotoluene	10.514	91	790495	10.00	ppb		100
92) tert-Butylbenzene	10.837	119	603000	10.00	ppb		100
93) 1,2,4-Trimethylbenzene	10.892	105	850216	10.00	ppb		100
94) sec-Butylbenzene	11.080	105	828361	10.00	ppb		100
95) Limonene	11.184	68	147387	10.00	ppb		100
96) 1,3-Dichlorobenzene	11.238	146	459579	10.00	ppb		100
97) p-Isopropyltoluene	11.238	119	790847	10.00	ppb		100
98) 1,4-Dichlorobenzene	11.336	146	436402	10.00	ppb		100
99) 1,2,3-Trimethylbenzene	11.372	105	928094	10.00	ppb		100
100) p-Diethylbenzene	11.676	105	414467	10.00	ppb		100
101) trans-Decahydronapthalene	11.688	138	61027	10.00	ppb		100
102) 1,2-Dichlorobenzene	11.761	146	429513	10.00	ppb		100
103) n-Butylbenzene	11.701	91	799887	10.00	ppb		100
104) Hexachloroethane	12.035	119	120249	10.00	ppb		100
105) n-Undecane	11.780	71	33211	10.00	ppb		100
106) cis-Decahydronapthalene	12.333	138	38584	10.00	ppb	#	100

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006843.D
Acq On : 17 Sep 2025 8:38 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL7
Misc : 8260 CAL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 18 09:15:58 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

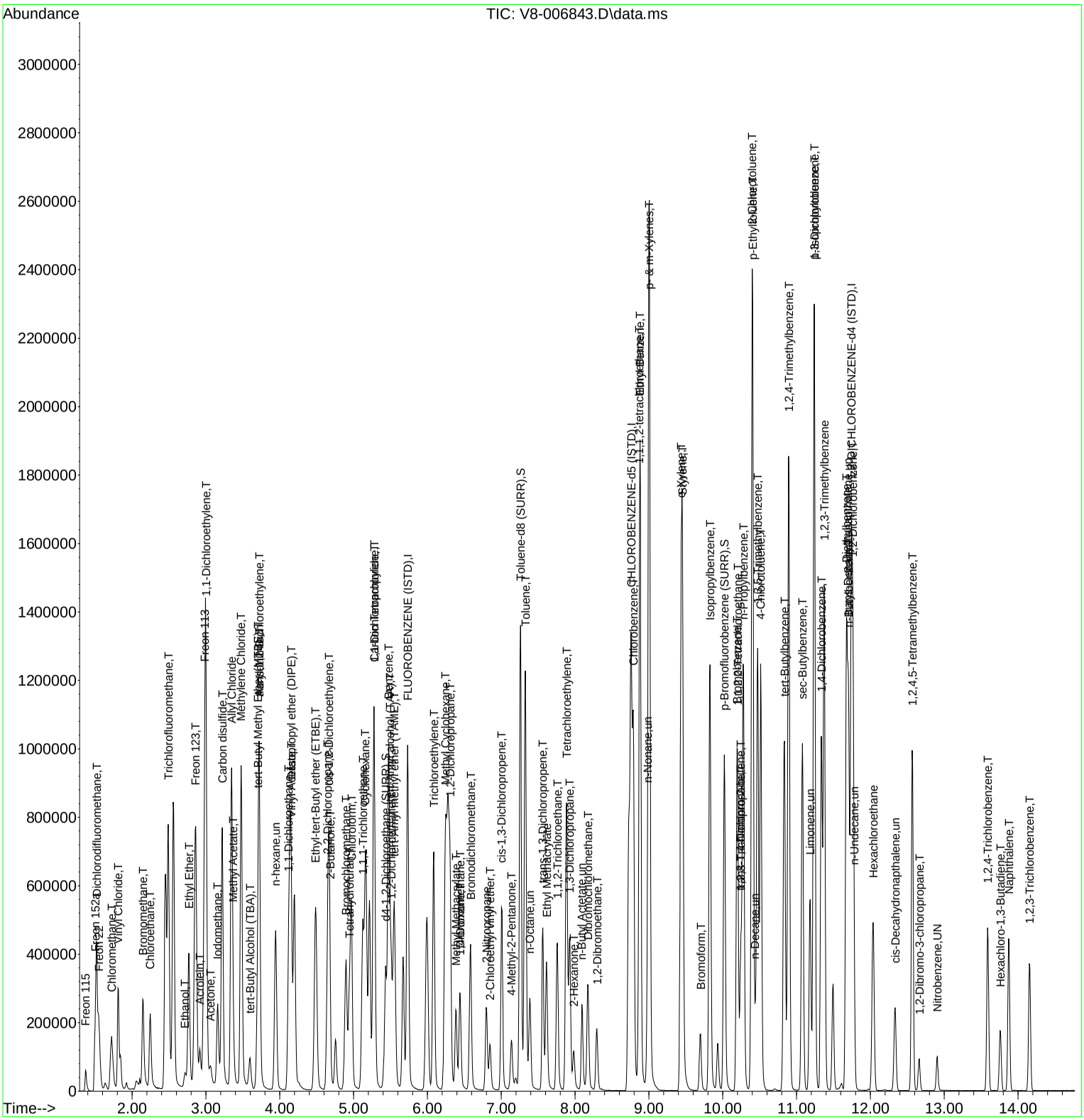
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.662	75	25951	10.00	ppb	100
108) 1,2,4,5-Tetramethylben...	12.565	119	595724	10.00	ppb	100
109) Nitrobenzene	12.905	77	55041	100.00	ppb	100
110) 1,2,4-Trichlorobenzene	13.587	180	148663	10.00	ppb	100
111) Hexachloro-1,3-Butadiene	13.763	225	32785	10.00	ppb	100
112) Naphthalene	13.872	128	376479	10.00	ppb	100
113) 1,2,3-Trichlorobenzene	14.158	180	116764	10.00	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006843.D
Acq On : 17 Sep 2025 8:38 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL7
Misc : 8260 CAL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 18 09:15:58 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006844.D
Acq On : 17 Sep 2025 9:08 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL8
Misc : 8260 CAL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 18 09:16:02 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	115586	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	223990	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	436849	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.435	65	233344	10.00	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 100.00%				
59) Toluene-d8 (SURR)	7.260	98	1081587	9.30	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 93.00%				
81) p-Bromofluorobenzene (...	10.022	95	429962	10.64	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 106.40%				
Target Compounds							Qvalue
2) Freon 115	1.370	85	46099	16.73	ppb		99
3) Freon 152a	1.499	51	358953	19.92	ppb		99
4) Dichlorodifluoromethane	1.517	85	553562	19.56	ppb		99
5) Freon 22	1.547	51	504194	19.55	ppb		100
6) Chloromethane	1.717	50	477513	19.47	ppb		100
7) Vinyl Chloride	1.809	62	600964	19.59	ppb		100
8) Bromomethane	2.149	94	408409	21.59	ppb		97
9) Chloroethane	2.247	64	407931	20.02	ppb		99
10) Trichlorofluoromethane	2.490	101	1328937	19.92	ppb		100
11) Ethyl Ether	2.770	59	492762	19.85	ppb		99
12) Ethanol	2.715	45	103019	763.89	ppb	#	97
13) Freon 123	2.861	83	1107208	20.21	ppb		99
14) 1,1-Dichloroethylene	3.001	61	1259480	20.56	ppb		100
15) Freon 113	2.983	101	845009	20.67	ppb		99
16) Acrolein	2.916	56	185408	79.26	ppb		100
17) Acetone	3.062	58	41456	17.20	ppb		98
18) Iodomethane	3.159	142	763266	23.41	ppb		100
19) Carbon disulfide	3.220	76	2144986	20.96	ppb		100
20) Allyl Chloride	3.348	41	1321658	21.21	ppb		98
21) Methyl Acetate	3.366	43	314648	20.65	ppb		100
22) tert-Butyl Alcohol (TBA)	3.603	59	116509	56.82	ppb		99
23) Methylene Chloride	3.476	49	1073455	19.35	ppb		99
24) Acrylonitrile	3.719	53	376675	100.50	ppb		99
25) trans-1,2-Dichloroethy...	3.725	61	621576	20.87	ppb		99
26) tert-Butyl Methyl Ethe...	3.707	73	944042	20.38	ppb		100
27) n-hexane	3.944	57	539919	20.27	ppb		100
28) 1,1-Dichloroethane	4.127	63	772702	20.66	ppb		99
29) Vinyl Acetate	4.157	86	57796	19.64	ppb		85
30) Diisopropyl ether (DIPE)	4.145	45	1254571	20.92	ppb		99
31) Ethyl-tert-Butyl ether...	4.485	59	1173275	20.94	ppb		100
32) cis-1,2-Dichloroethylene	4.668	61	703721	20.95	ppb		99
33) 2-Butanone	4.680	72	35016	20.81	ppb		90
34) 2,2-Dichloropropane	4.656	77	602401	21.42	ppb		97
35) Tetrahydrofuran	4.942	71	150609	104.00	ppb		96
36) Bromochloromethane	4.899	49	311464	21.07	ppb		98
37) Chloroform	4.972	83	835131	20.95	ppb		99
38) 1,1,1-Trichloroethane	5.124	97	726932	21.23	ppb		98
39) Cyclohexane	5.167	56	781227	20.68	ppb		99
40) 1,1-Dichloropropylene	5.276	75	676592	20.81	ppb		100
42) Carbon Tetrachloride	5.276	117	651468	21.08	ppb		100
43) tert-Amyl alcohol (TAA)	5.483	59	98919	109.41	ppb		94
44) 1,2-Dichloroethane	5.508	62	553193	20.36	ppb		99
45) Benzene	5.477	78	1854540	20.71	ppb		94

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006844.D
Acq On : 17 Sep 2025 9:08 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL8
Misc : 8260 CAL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 18 09:16:02 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	1040113	21.08	ppb		98
48) Trichloroethylene	6.085	95	507594	19.21	ppb		99
49) Methyl Cyclohexane	6.244	83	749033	19.53	ppb		97
50) Methyl Methacrylate	6.384	69	210470	19.35	ppb		99
51) Dibromomethane	6.438	93	229352	19.00	ppb		99
52) Bromodichloromethane	6.584	83	612840	19.36	ppb		99
53) 1,2-Dichloropropane	6.304	63	473672	18.83	ppb		98
54) 1,4-Dioxane	6.444	88	71419	460.24	ppb		99
55) 2-Nitropropane	6.797	43	476878	111.62	ppb		89
56) 2-Chloroethyl vinyl ether	6.846	63	87168	19.09	ppb		100
57) cis-1,3-Dichloropropene	7.004	75	695624	19.45	ppb		100
58) 4-Methyl-2-Pentanone	7.138	43	239037	18.62	ppb		98
60) Toluene	7.327	91	2236700	19.73	ppb		99
61) n-Octane	7.387	85	130881	19.43	ppb		96
62) Ethyl Methacrylate	7.612	69	481688	20.12	ppb		98
63) trans-1,3-Dichloropropene	7.564	75	591777	20.00	ppb		99
64) 1,1,2-Trichloroethane	7.758	97	317418	19.00	ppb		99
65) 1,3-Dichloropropane	7.929	76	561492	18.68	ppb		99
66) Tetrachloroethylene	7.886	166	563740	20.39	ppb		100
67) 2-Hexanone	7.984	43	169972	18.64	ppb		97
68) n-Butyl Actetate	8.093	43	431563	19.62	ppb		100
69) Dibromochloromethane	8.172	129	380536	19.28	ppb		100
70) 1,2-Dibromoethane	8.294	107	291282	19.04	ppb		97
71) Chlorobenzene	8.787	112	1344133	19.48	ppb		98
72) 1,1,1,2-tetrachloroethane	8.878	131	467979	20.22	ppb		99
73) n-Nonane	8.981	57	150355	21.74	ppb		99
74) Ethyl Benzene	8.878	91	2551794	20.54	ppb		99
75) p- & m-Xylenes	9.006	91	4282216	43.45	ppb		100
76) o-Xylene	9.438	91	2106023	21.49	ppb		100
77) Styrene	9.456	104	1751397	22.05	ppb		98
78) Bromoform	9.699	173	206576	21.14	ppb		98
80) Isopropylbenzene	9.827	105	2454865	22.93	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.198	83	433419	21.63	ppb		100
83) Bromobenzene	10.192	77	911099	22.32	ppb		99
84) trans-1,4-Dichloro-2-b...	10.247	75	435535	21.90	ppb	#	96
85) 1,2,3-Trichloropropane	10.247	110	116121	21.44	ppb		98
86) n-Propylbenzene	10.277	91	2913426	22.58	ppb		99
87) n-Decane	10.435	57	199331	31.75	ppb		99
88) p-Ethyltoluene	10.405	105	2566284	22.82	ppb		99
89) 1,3,5-Trimethylbenzene	10.472	105	2061455	22.03	ppb		99
90) 2-Chlorotoluene	10.399	91	2089092	22.74	ppb		100
91) 4-Chlorotoluene	10.514	91	1891858	21.38	ppb		100
92) tert-Butylbenzene	10.837	119	1555696	23.05	ppb		100
93) 1,2,4-Trimethylbenzene	10.891	105	2119144	22.27	ppb		99
94) sec-Butylbenzene	11.080	105	2107986	22.74	ppb		99
95) Limonene	11.184	68	383860	23.27	ppb		99
96) 1,3-Dichlorobenzene	11.238	146	1125521	21.88	ppb		99
97) p-Isopropyltoluene	11.238	119	1983247	22.41	ppb		99
98) 1,4-Dichlorobenzene	11.336	146	1075148	22.01	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	2178257	20.97	ppb		99
100) p-Diethylbenzene	11.676	105	1053386	22.71	ppb	#	85
101) trans-Decahydronapthalene	11.688	138	148370	21.72	ppb		97
102) 1,2-Dichlorobenzene	11.761	146	1002693	20.86	ppb		98
103) n-Butylbenzene	11.701	91	1935076	21.61	ppb		89
104) Hexachloroethane	12.035	119	318772	23.69	ppb		99
105) n-Undecane	11.780	71	145178	39.06	ppb	#	61
106) cis-Decahydronapthalene	12.333	138	98139	22.73	ppb	#	96

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006844.D
Acq On : 17 Sep 2025 9:08 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL8
Misc : 8260 CAL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 18 09:16:02 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

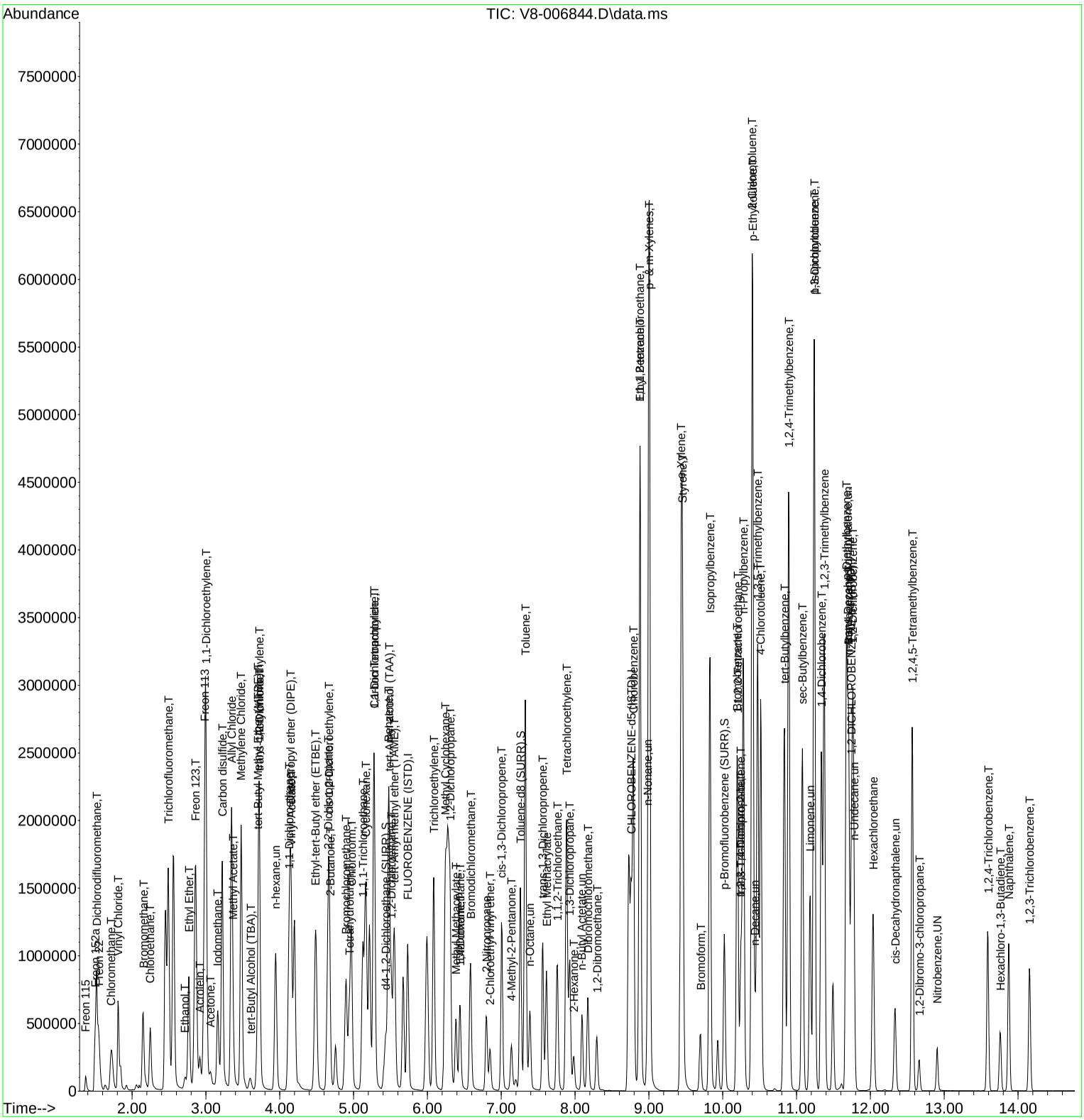
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.662	75	67390	23.20	ppb	99
108) 1,2,4,5-Tetramethylben...	12.564	119	1617803	24.26	ppb	100
109) Nitrobenzene	12.905	77	175417	284.75	ppb	98
110) 1,2,4-Trichlorobenzene	13.593	180	359361	21.60	ppb	99
111) Hexachloro-1,3-Butadiene	13.763	225	79145	21.57	ppb	96
112) Naphthalene	13.872	128	889203	21.10	ppb	100
113) 1,2,3-Trichlorobenzene	14.152	180	280322	21.45	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006844.D
Acq On : 17 Sep 2025 9:08 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL8
Misc : 8260 CAL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 18 09:16:02 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006845.D
Acq On : 17 Sep 2025 9:37 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL9
Misc : 8260 CAL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 18 09:16:05 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.733	50	130196	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	286313	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	492263	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.435	65	266743	10.15	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.50%			
59) Toluene-d8 (SURR)	7.260	98	1269402	8.54	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 85.40%			
81) p-Bromofluorobenzene (...	10.022	95	494220	10.86	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 108.60%			
Target Compounds						Qvalue
2) Freon 115	1.375	85	52495	16.91	ppb	98
3) Freon 152a	1.505	51	746491	36.77	ppb	96
4) Dichlorodifluoromethane	1.523	85	931129	29.22	ppb	100
5) Freon 22	1.547	51	978157	33.67	ppb	98
6) Chloromethane	1.724	50	947914	34.31	ppb	99
7) Vinyl Chloride	1.815	62	1197975	34.68	ppb	99
8) Bromomethane	2.149	94	948677	44.52	ppb	98
9) Chloroethane	2.247	64	839135	36.56	ppb	99
10) Trichlorofluoromethane	2.490	101	2689723	35.80	ppb	100
11) Ethyl Ether	2.770	59	1116048	39.91	ppb	99
12) Ethanol	2.715	45	271524	1787.43	ppb	91
13) Freon 123	2.861	83	2329431	37.76	ppb	99
14) 1,1-Dichloroethylene	3.001	61	2577323	37.34	ppb	98
15) Freon 113	2.989	101	1647149	35.77	ppb	99
16) Acrolein	2.916	56	420896	159.74	ppb	99
17) Acetone	3.068	58	81470	30.01	ppb	99
18) Iodomethane	3.159	142	1680966	45.77	ppb	100
19) Carbon disulfide	3.220	76	4391745	38.09	ppb	100
20) Allyl Chloride	3.348	41	2751331	39.20	ppb	96
21) Methyl Acetate	3.366	43	694611	40.47	ppb	100
22) tert-Butyl Alcohol (TBA)	3.603	59	269749	116.79	ppb	98
23) Methylene Chloride	3.476	49	2177479	34.84	ppb	98
24) Acrylonitrile	3.719	53	901502	213.54	ppb	100
25) trans-1,2-Dichloroethy...	3.725	61	1391679	41.48	ppb	99
26) tert-Butyl Methyl Ethe...	3.707	73	2191368	41.99	ppb	99
27) n-hexane	3.944	57	962581	32.09	ppb	99
28) 1,1-Dichloroethane	4.127	63	1708652	40.55	ppb	99
29) Vinyl Acetate	4.157	86	137181	41.38	ppb	90
30) Diisopropyl ether (DIPE)	4.151	45	2889820	42.78	ppb	99
31) Ethyl-tert-Butyl ether...	4.486	59	2762317	43.77	ppb	100
32) cis-1,2-Dichloroethylene	4.668	61	1590961	42.05	ppb	99
33) 2-Butanone	4.680	72	79585	41.98	ppb	92
34) 2,2-Dichloropropane	4.656	77	1365301	43.09	ppb	94
35) Tetrahydrofuran	4.942	71	364240	223.30	ppb	97
36) Bromochloromethane	4.899	49	713863	42.87	ppb	99
37) Chloroform	4.972	83	1899656	42.32	ppb	99
38) 1,1,1-Trichloroethane	5.124	97	1619820	42.01	ppb	97
39) Cyclohexane	5.167	56	1560678	36.67	ppb	99
40) 1,1-Dichloropropylene	5.276	75	1468627	40.11	ppb	98
42) Carbon Tetrachloride	5.276	117	1445497	41.52	ppb	99
43) tert-Amyl alcohol (TAA)	5.483	59	258942	254.27	ppb	89
44) 1,2-Dichloroethane	5.508	62	1268916	41.46	ppb	99
45) Benzene	5.477	78	4219720	41.83	ppb	97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006845.D
Acq On : 17 Sep 2025 9:37 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL9
Misc : 8260 CAL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 18 09:16:05 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	2477102	44.57	ppb		97
48) Trichloroethylene	6.085	95	1184789	35.08	ppb		99
49) Methyl Cyclohexane	6.244	83	1534429	31.30	ppb		98
50) Methyl Methacrylate	6.390	69	525631	37.81	ppb		97
51) Dibromomethane	6.438	93	561200	36.38	ppb		98
52) Bromodichloromethane	6.584	83	1427819	35.30	ppb		99
53) 1,2-Dichloropropane	6.305	63	1159775	36.07	ppb		98
54) 1,4-Dioxane	6.444	88	184802	931.67	ppb		95
55) 2-Nitropropane	6.797	43	1152351	211.02	ppb		89
56) 2-Chloroethyl vinyl ether	6.846	63	195965	33.57	ppb		99
57) cis-1,3-Dichloropropene	7.004	75	1675026	36.65	ppb		98
58) 4-Methyl-2-Pentanone	7.138	43	580522	35.38	ppb		96
60) Toluene	7.327	91	5236108	36.13	ppb		98
61) n-Octane	7.387	85	244569	28.41	ppb		93
62) Ethyl Methacrylate	7.612	69	1192898	38.99	ppb		96
63) trans-1,3-Dichloropropene	7.564	75	1448955	38.32	ppb		99
64) 1,1,2-Trichloroethane	7.758	97	763764	35.76	ppb		99
65) 1,3-Dichloropropane	7.929	76	1278411	33.28	ppb		100
66) Tetrachloroethylene	7.886	166	1295803	36.66	ppb		100
67) 2-Hexanone	7.984	43	402321	34.52	ppb		97
68) n-Butyl Actetate	8.093	43	1071154	38.10	ppb		99
69) Dibromochloromethane	8.172	129	924877	36.67	ppb		99
70) 1,2-Dibromoethane	8.294	107	681682	34.86	ppb		98
71) Chlorobenzene	8.787	112	3220873	36.51	ppb		97
72) 1,1,1,2-tetrachloroethane	8.878	131	1177665	39.82	ppb		99
73) n-Nonane	8.981	57	326920	36.98	ppb		99
74) Ethyl Benzene	8.878	91	5982588	37.67	ppb		98
75) p- & m-Xylenes	9.006	91	9485363	75.29	ppb		98
76) o-Xylene	9.438	91	4861810	38.82	ppb		98
77) Styrene	9.456	104	4010797	39.51	ppb		97
78) Bromoform	9.699	173	514865	41.23	ppb		98
80) Isopropylbenzene	9.827	105	5431775	45.03	ppb		99
82) 1,1,2,2-Tetrachloroethane	10.198	83	1008012	44.65	ppb		100
83) Bromobenzene	10.192	77	2085924	45.35	ppb		98
84) trans-1,4-Dichloro-2-b...	10.247	75	1018847	45.46	ppb	#	94
85) 1,2,3-Trichloropropane	10.247	110	269801	44.21	ppb		98
86) n-Propylbenzene	10.277	91	6252097	43.00	ppb		99
87) n-Decane	10.435	57	493455	69.75	ppb		99
88) p-Ethyltoluene	10.405	105	5785847	45.66	ppb		99
89) 1,3,5-Trimethylbenzene	10.472	105	4405815	41.78	ppb		98
90) 2-Chlorotoluene	10.399	91	4710876	45.51	ppb		99
91) 4-Chlorotoluene	10.514	91	4096645	41.09	ppb		98
92) tert-Butylbenzene	10.837	119	3397173	44.67	ppb		99
93) 1,2,4-Trimethylbenzene	10.892	105	4689352	43.73	ppb		98
94) sec-Butylbenzene	11.080	105	4516987	43.24	ppb		99
95) Limonene	11.184	68	821372	44.19	ppb		98
96) 1,3-Dichlorobenzene	11.238	146	2621679	45.23	ppb		99
97) p-Isopropyltoluene	11.238	119	4439358	44.51	ppb		99
98) 1,4-Dichlorobenzene	11.336	146	2428388	44.12	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	4774400	40.79	ppb		98
100) p-Diethylbenzene	11.676	105	2320885	44.40	ppb		99
101) trans-Decahydronapthalene	11.688	138	301137	39.13	ppb		95
102) 1,2-Dichlorobenzene	11.761	146	2268068	41.87	ppb		98
103) n-Butylbenzene	11.707	91	4118338	40.82	ppb		97
104) Hexachloroethane	12.035	119	714858	47.14	ppb		99
105) n-Undecane	11.774	71	362482	86.54	ppb	#	57
106) cis-Decahydronapthalene	12.333	138	209743	43.10	ppb	#	97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006845.D
Acq On : 17 Sep 2025 9:37 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL9
Misc : 8260 CAL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 18 09:16:05 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

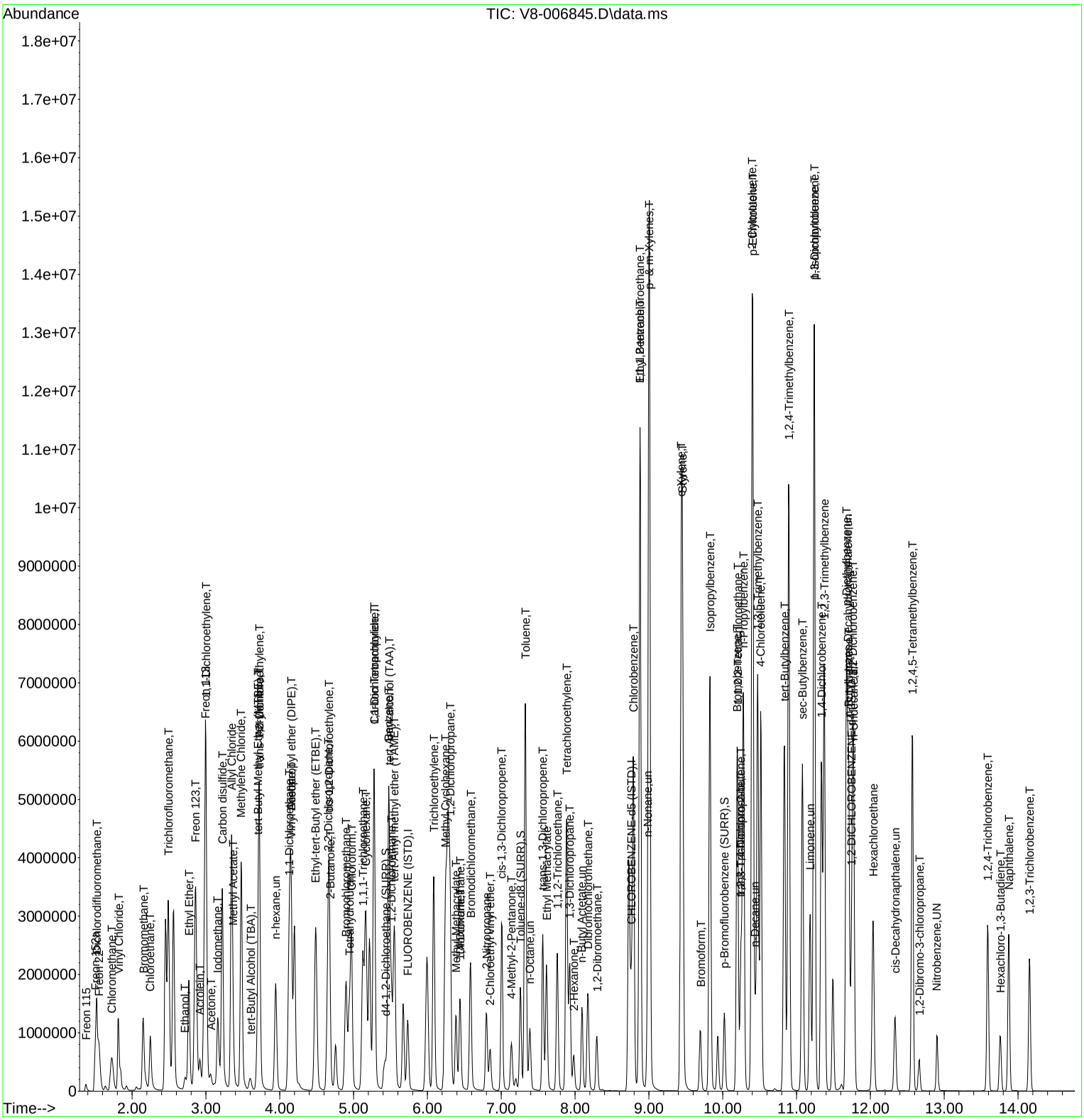
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.662	75	153054	46.76	ppb	96
108) 1,2,4,5-Tetramethylben...	12.571	119	3662098	48.74	ppb	99
109) Nitrobenzene	12.899	77	522567	752.79	ppb	95
110) 1,2,4-Trichlorobenzene	13.587	180	898903	47.94	ppb	100
111) Hexachloro-1,3-Butadiene	13.763	225	182838	44.22	ppb	97
112) Naphthalene	13.872	128	2237437	47.12	ppb	100
113) 1,2,3-Trichlorobenzene	14.152	180	709804	48.20	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006845.D
Acq On : 17 Sep 2025 9:37 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CAL9
Misc : 8260 CAL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 18 09:16:05 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006846.D
Acq On : 17 Sep 2025 10:07 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CALA
Misc : 8260 CAL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 18 09:16:08 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.732	50	144567	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	387129	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	567666	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	305466	10.47	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 104.70%				
59) Toluene-d8 (SURR)	7.259	98	1398249	6.95	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 69.50%#				
81) p-Bromofluorobenzene (...	10.021	95	524013	9.98	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 99.80%				
Target Compounds							Qvalue
2) Freon 115	1.369	85	128369	37.24	ppb		100
3) Freon 152a	1.504	51	1922449	85.29	ppb		94
4) Dichlorodifluoromethane	1.517	85	2466120	69.69	ppb		99
5) Freon 22	1.547	51	2359494	73.13	ppb		97
6) Chloromethane	1.723	50	2471461	80.57	ppb		100
7) Vinyl Chloride	1.809	62	2977491	77.62	ppb		99
8) Bromomethane	2.149	94	2600818	109.92	ppb		98
9) Chloroethane	2.247	64	1969380	77.27	ppb		100
10) Trichlorofluoromethane	2.496	101	6737166	80.76	ppb		99
11) Ethyl Ether	2.770	59	2565664	82.64	ppb		100
12) Ethanol	2.715	45	530432	3144.70	ppb	#	74
13) Freon 123	2.861	83	5604651	81.81	ppb		98
14) 1,1-Dichloroethylene	3.001	61	6260642	81.70	ppb		96
15) Freon 113	2.983	101	4306608	84.22	ppb		98
16) Acrolein	2.916	56	956067	326.78	ppb		99
17) Acetone	3.062	58	185977	61.69	ppb		97
18) Iodomethane	3.159	142	3790552	92.94	ppb		100
19) Carbon disulfide	3.220	76	10215613	79.80	ppb		99
20) Allyl Chloride	3.348	41	6136980	78.75	ppb		95
21) Methyl Acetate	3.366	43	1594182	83.65	ppb		100
22) tert-Butyl Alcohol (TBA)	3.597	59	655261	255.50	ppb		96
23) Methylene Chloride	3.475	49	4800918	69.18	ppb		97
24) Acrylonitrile	3.719	53	2517487	537.04	ppb		100
25) trans-1,2-Dichloroethy...	3.719	61	3949295	106.02	ppb		99
26) tert-Butyl Methyl Ethe...	3.707	73	6090962	105.12	ppb		99
27) n-hexane	3.944	57	2995907	89.95	ppb		99
28) 1,1-Dichloroethane	4.126	63	4646807	99.32	ppb		99
29) Vinyl Acetate	4.157	86	385377	104.70	ppb		91
30) Diisopropyl ether (DIPE)	4.151	45	7773625	103.64	ppb		98
31) Ethyl-tert-Butyl ether...	4.485	59	7289834	104.03	ppb		99
32) cis-1,2-Dichloroethylene	4.668	61	4269112	101.62	ppb		98
33) 2-Butanone	4.674	72	214373	101.85	ppb		86
34) 2,2-Dichloropropane	4.656	77	3828987	108.85	ppb		89
35) Tetrahydrofuran	4.942	71	949275	524.11	ppb		97
36) Bromochloromethane	4.899	49	1746792	94.48	ppb		96
37) Chloroform	4.972	83	4943304	99.17	ppb		99
38) 1,1,1-Trichloroethane	5.124	97	4404786	102.87	ppb		96
39) Cyclohexane	5.167	56	4553727	96.36	ppb		98
40) 1,1-Dichloropropylene	5.276	75	4125522	101.47	ppb		94
42) Carbon Tetrachloride	5.276	117	4238389	109.63	ppb		99
43) tert-Amyl alcohol (TAA)	5.483	59	712939	630.48	ppb		83
44) 1,2-Dichloroethane	5.507	62	3184471	93.70	ppb		99
45) Benzene	5.477	78	10691958	95.44	ppb		98

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006846.D
Acq On : 17 Sep 2025 10:07 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CALA
Misc : 8260 CAL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 18 09:16:08 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.550	73	6407821	103.83	ppb		95
48) Trichloroethylene	6.085	95	3130410	68.56	ppb		97
49) Methyl Cyclohexane	6.250	83	4643385	70.06	ppb		93
50) Methyl Methacrylate	6.390	69	1272639	67.71	ppb		95
51) Dibromomethane	6.438	93	1372843	65.82	ppb		97
52) Bromodichloromethane	6.584	83	3602071	65.86	ppb		98
53) 1,2-Dichloropropane	6.310	63	2821784	64.90	ppb		97
54) 1,4-Dioxane	6.444	88	445665	1661.69	ppb		94
55) 2-Nitropropane	6.803	43	2701011	365.80	ppb		89
56) 2-Chloroethyl vinyl ether	6.846	63	391982	49.66	ppb		98
57) cis-1,3-Dichloropropene	7.010	75	4120567	66.67	ppb		95
58) 4-Methyl-2-Pentanone	7.138	43	1412081	63.64	ppb		96
60) Toluene	7.326	91	12175203	62.13	ppb		95
61) n-Octane	7.387	85	947800	81.43	ppb		91
62) Ethyl Methacrylate	7.612	69	2819945	68.17	ppb		95
63) trans-1,3-Dichloropropene	7.564	75	3499234	68.44	ppb		98
64) 1,1,2-Trichloroethane	7.758	97	1856023	64.28	ppb		99
65) 1,3-Dichloropropane	7.929	76	3167756	60.99	ppb		98
66) Tetrachloroethylene	7.886	166	3760135	78.67	ppb		99
67) 2-Hexanone	7.983	43	973638	61.78	ppb		96
68) n-Butyl Actetate	8.093	43	2545606	66.96	ppb		98
69) Dibromochloromethane	8.172	129	2333917	68.44	ppb		98
70) 1,2-Dibromoethane	8.294	107	1673594	63.30	ppb		99
71) Chlorobenzene	8.793	112	7782361	65.25	ppb		94
72) 1,1,1,2-tetrachloroethane	8.878	131	3133484	78.35	ppb		99
73) n-Nonane	8.981	57	1966288	164.49	ppb		99
74) Ethyl Benzene	8.884	91	14194809	66.10	ppb		91
75) p- & m-Xylenes	8.999	91	19348096	113.58	ppb	#	80
76) o-Xylene	9.437	91	11841556	69.92	ppb		95
77) Styrene	9.456	104	9886389	72.02	ppb		97
78) Bromoform	9.699	173	1276982	75.62	ppb		98
80) Isopropylbenzene	9.827	105	12708160	91.35	ppb		96
82) 1,1,2,2-Tetrachloroethane	10.198	83	2427314	93.24	ppb		99
83) Bromobenzene	10.198	77	5036487	94.95	ppb		95
84) trans-1,4-Dichloro-2-b...	10.246	75	2427991	93.95	ppb	#	95
85) 1,2,3-Trichloropropane	10.246	110	632155	89.82	ppb		97
86) n-Propylbenzene	10.283	91	14195473	84.66	ppb		95
87) n-Decane	10.441	57	2988264	366.31	ppb		93
88) p-Ethyltoluene	10.405	105	14100416	96.50	ppb		91
89) 1,3,5-Trimethylbenzene	10.472	105	10849595	89.22	ppb		96
90) 2-Chlorotoluene	10.405	91	11803453	98.88	ppb		94
91) 4-Chlorotoluene	10.520	91	9617890	83.66	ppb		95
92) tert-Butylbenzene	10.837	119	8620374	98.29	ppb		99
93) 1,2,4-Trimethylbenzene	10.897	105	11574407	93.60	ppb		95
94) sec-Butylbenzene	11.080	105	11055786	91.77	ppb		98
95) Limonene	11.183	68	2188903	102.12	ppb		97
96) 1,3-Dichlorobenzene	11.238	146	7124396	106.59	ppb		98
97) p-Isopropyltoluene	11.244	119	11588865	100.76	ppb		97
98) 1,4-Dichlorobenzene	11.342	146	6191791	97.56	ppb		98
99) 1,2,3-Trimethylbenzene	11.378	105	11425424	84.65	ppb		96
100) p-Diethylbenzene	11.676	105	6202147	102.89	ppb		99
101) trans-Decahydronapthalene	11.688	138	1260316	142.00	ppb		92
102) 1,2-Dichlorobenzene	11.767	146	5850311	93.65	ppb		98
103) n-Butylbenzene	11.707	91	10573335	90.89	ppb		95
104) Hexachloroethane	12.035	119	1860863	106.40	ppb		97
105) n-Undecane	11.780	71	1812805	375.31	ppb	#	49
106) cis-Decahydronapthalene	12.333	138	729581	130.01	ppb	#	95

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006846.D
Acq On : 17 Sep 2025 10:07 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CALA
Misc : 8260 CAL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 18 09:16:08 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration

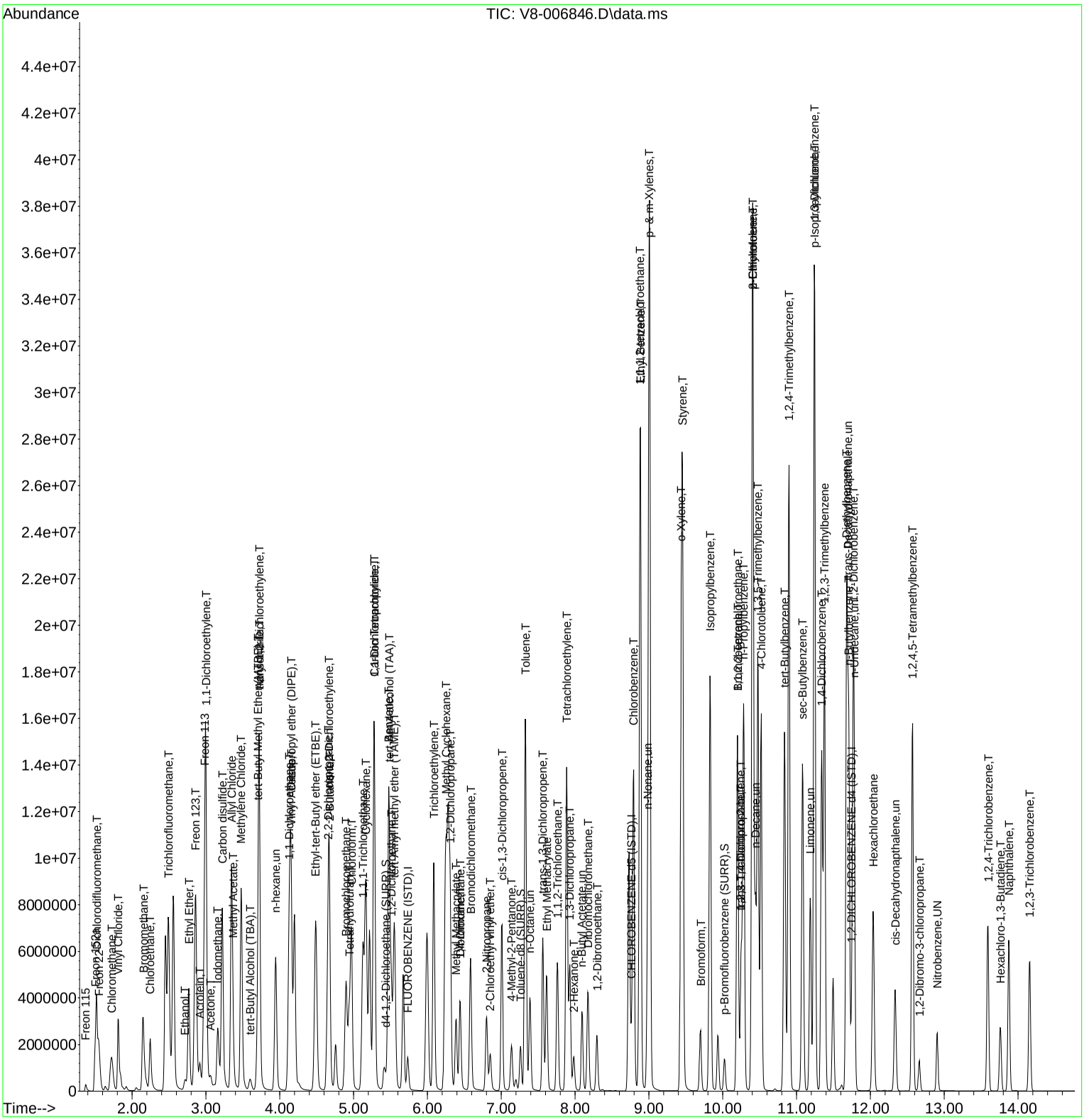
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.662	75	358297	94.93	ppb	91
108) 1,2,4,5-Tetramethylben...	12.570	119	9146096	105.56	ppb	97
109) Nitrobenzene	12.905	77	1416949	1770.07	ppb	93
110) 1,2,4-Trichlorobenzene	13.592	180	2355025	108.92	ppb	99
111) Hexachloro-1,3-Butadiene	13.763	225	530223	111.20	ppb	97
112) Naphthalene	13.872	128	5425317	99.08	ppb	99
113) 1,2,3-Trichlorobenzene	14.158	180	1815048	106.88	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006846.D
Acq On : 17 Sep 2025 10:07 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CALA
Misc : 8260 CAL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 18 09:16:08 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Thu Sep 18 09:15:19 2025
Response via : Initial Calibration



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50025 **Laboratory ID:** S5I1802-SCV1

Sequence: S5I1802 **Standard ID:** S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.4	4.0	30.00
1,1,1-Trichloroethane	10.0	9.96	-0.4	30.00
1,1,2,2-Tetrachloroethane	10.0	9.85	-1.5	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.09	-9.1	30.00
1,1,2-Trichloroethane	10.0	10.3	2.6	30.00
1,1-Dichloroethane	10.0	9.84	-1.6	30.00
1,1-Dichloroethylene	10.0	9.09	-9.1	30.00
1,2,3-Trichlorobenzene	10.0	11.0	10.3	30.00
1,2,3-Trichloropropane	10.0	10.0	0.3	30.00
1,2,4-Trichlorobenzene	10.0	10.4	4.2	30.00
1,2,4-Trimethylbenzene	10.0	9.92	-0.8	30.00
1,2-Dibromo-3-chloropropane	10.0	10.8	7.6	30.00
1,2-Dibromoethane	10.0	10.3	3.3	30.00
1,2-Dichlorobenzene	10.0	9.91	-0.9	30.00
1,2-Dichloroethane	10.0	9.82	-1.8	30.00
1,2-Dichloropropane	10.0	10.0	0.0	30.00
1,3,5-Trimethylbenzene	10.0	10.1	0.6	30.00
1,3-Dichlorobenzene	10.0	9.99	-0.1	30.00
1,4-Dichlorobenzene	10.0	10.1	1.4	30.00
2-Butanone	10.0	10.5	5.2	30.00
2-Hexanone	10.0	10.5	5.3	30.00
4-Methyl-2-pentanone	10.0	10.6	6.1	30.00
Acetone	10.0	10.8	8.3	30.00
Acrolein	40.0	29.6	-26.1	30.00
Acrylonitrile	10.0	9.47	-5.3	30.00
Benzene	10.0	9.71	-2.9	30.00
Bromochloromethane	10.0	10.3	2.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50025 **Laboratory ID:** S5I1802-SCV1

Sequence: S5I1802 **Standard ID:** S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	10.4	3.7	30.00
Bromoform	10.0	10.9	8.8	30.00
Bromomethane	10.0	9.72	-2.8	30.00
Carbon disulfide	10.0	8.63	-13.7	30.00
Carbon tetrachloride	10.0	9.79	-2.1	30.00
Chlorobenzene	10.0	10.1	1.3	30.00
Chloroethane	10.0	11.6	15.8	30.00
Chloroform	10.0	9.94	-0.6	30.00
Chloromethane	10.0	8.21	-17.9	30.00
cis-1,2-Dichloroethylene	10.0	10.1	0.6	30.00
cis-1,3-Dichloropropylene	10.0	10.5	5.2	30.00
Cyclohexane	10.0	9.39	-6.1	30.00
Dibromochloromethane	10.0	10.4	4.5	30.00
Dibromomethane	10.0	10.4	3.6	30.00
Dichlorodifluoromethane	10.0	6.04	-39.6 *	30.00
Ethyl Benzene	10.0	9.89	-1.1	30.00
Hexachlorobutadiene	10.0	10.5	4.7	30.00
Isopropylbenzene	10.0	10.1	0.8	30.00
Methyl acetate	10.0	9.88	-1.2	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.94	-0.6	30.00
Methylcyclohexane	10.0	9.71	-2.9	30.00
Methylene chloride	10.0	10.8	7.5	30.00
n-Butylbenzene	10.0	10.4	4.2	30.00
n-Propylbenzene	10.0	10.1	1.4	30.00
o-Xylene	10.0	10.4	4.5	30.00
p- & m- Xylenes	20.0	20.2	1.0	30.00
p-Isopropyltoluene	10.0	10.3	2.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50025 **Laboratory ID:** S5I1802-SCV1

Sequence: S5I1802 **Standard ID:** S25I204

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	10.5	4.6	30.00
Styrene	10.0	10.1	1.1	30.00
tert-Butyl alcohol (TBA)	50.0	47.5	-5.1	30.00
tert-Butylbenzene	10.0	10.4	4.2	30.00
Tetrachloroethylene	10.0	11.7	17.1	30.00
Toluene	10.0	9.78	-2.2	30.00
trans-1,2-Dichloroethylene	10.0	9.54	-4.6	30.00
trans-1,3-Dichloropropylene	10.0	10.6	5.8	30.00
trans-1,4-dichloro-2-butene	10.0	9.53	-4.7	30.00
Trichloroethylene	10.0	9.55	-4.5	30.00
Trichlorofluoromethane	10.0	8.67	-13.3	30.00
Vinyl Chloride	10.0	8.06	-19.4	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C15387.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 11:19 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 6
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:31:32 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	130958	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	177304	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	226848	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	225612	9.96	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.60%				
59) Toluene-d8 (SURR)	7.479	98	1048306	10.01	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 100.10%				
81) p-Bromofluorobenzene (...	10.259	95	331519	9.87	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.70%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	29866	11.92	ppb		99
3) Freon 152a	1.604	51	211334	8.08	ppb		94
4) Dichlorodifluoromethane	1.628	85	176727	6.04	ppb		100
5) Freon 22	1.657	51	640514	19.02	ppb		99
6) Chloromethane	1.840	50	260103	8.21	ppb		99
7) Vinyl Chloride	1.944	62	296935	8.06	ppb		100
8) Bromomethane	2.298	94	83983	9.72	ppb		99
9) Chloroethane	2.401	64	196412	11.58	ppb		99
10) Trichlorofluoromethane	2.645	101	311457	8.67	ppb		100
11) Ethyl Ether	2.932	59	140774	8.91	ppb		97
12) Ethanol	2.932	45	175034	381.92	ppb		93
13) Freon 123	3.054	83	329772	9.35	ppb		100
14) 1,1-Dichloroethylene	3.182	61	378333	9.09	ppb		99
15) Freon 113	3.145	101	205126	9.09	ppb		98
16) Acrolein	3.133	56	48286	29.56	ppb		100
17) Acetone	3.285	58	13071	10.83	ppb		93
18) Iodomethane	3.358	142	134279	7.30	ppb		99
19) Carbon disulfide	3.407	76	660749	8.63	ppb		100
20) Allyl Chloride	3.547	41	475959	9.79	ppb		96
21) Methyl Acetate	3.578	43	94824	9.88	ppb		100
22) tert-Butyl Alcohol (TBA)	3.816	59	40468	47.47	ppb		99
23) Methylene Chloride	3.694	49	401901	10.75	ppb		100
24) Acrylonitrile	3.974	53	38359	9.47	ppb		93
25) trans-1,2-Dichloroethy...	3.925	61	386169	9.54	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	403473	9.94	ppb		100
27) n-hexane	4.108	57	457059	8.94	ppb		99
28) 1,1-Dichloroethane	4.346	63	503469	9.84	ppb		99
29) Vinyl Acetate	4.376	86	26639	10.56	ppb		85
30) Diisopropyl ether (DIPE)	4.322	45	826700	9.83	ppb		100
31) Ethyl-tert-Butyl ether...	4.669	59	600001	9.93	ppb		100
32) cis-1,2-Dichloroethylene	4.901	61	418144	10.06	ppb		99
33) 2-Butanone	4.931	72	12910	10.52	ppb		96
34) 2,2-Dichloropropane	4.870	77	333225	9.40	ppb		99
35) Tetrahydrofuran	5.163	71	11194	10.53	ppb		85
36) Bromochloromethane	5.145	49	186072	10.27	ppb		100
37) Chloroform	5.206	83	412680	9.94	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	355325	9.96	ppb		98
39) Cyclohexane	5.346	56	552079	9.39	ppb		99
40) 1,1-Dichloropropylene	5.486	75	361499	9.14	ppb		99
42) Carbon Tetrachloride	5.480	117	283830	9.79	ppb		99
43) tert-Amyl alcohol (TAA)	5.724	59	75758	84.07	ppb	#	38

Data File : V10C15387.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 11:19 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 6
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:31:32 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	225835	9.82	ppb		99
45) Benzene	5.699	78	1060435	9.71	ppb		99
46) tert-Amyl methyl ether...	5.742	73	525011	10.40	ppb		96
48) Trichloroethylene	6.303	95	247595	9.55	ppb		99
49) Methyl Cyclohexane	6.425	83	491960	9.71	ppb		83
50) Methyl Methacrylate	6.614	69	86577	10.68	ppb		98
51) Dibromomethane	6.693	93	87488	10.36	ppb		100
52) Bromodichloromethane	6.833	83	270444	10.37	ppb		100
53) 1,2-Dichloropropane	6.553	63	266140	10.00	ppb		100
54) 1,4-Dioxane	6.687	88	18884	197.80	ppb		96
55) 2-Nitropropane	7.083	43	28364	10.18	ppb		95
56) 2-Chloroethyl vinyl ether	7.089	63	1282	4.96	ppb		94
57) cis-1,3-Dichloropropene	7.248	75	343704	10.52	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	100389	10.61	ppb	#	98
60) Toluene	7.547	91	1071963	9.78	ppb		100
61) n-Octane	7.553	85	136625	9.99	ppb		100
62) Ethyl Methacrylate	7.839	69	180253	10.56	ppb		99
63) trans-1,3-Dichloropropene	7.821	75	251383	10.58	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	124640	10.26	ppb		99
65) 1,3-Dichloropropane	8.187	76	253429	10.35	ppb		99
66) Tetrachloroethylene	8.089	166	322105	11.71	ppb		100
67) 2-Hexanone	8.229	43	65058	10.53	ppb		99
68) n-Butyl Actetate	8.315	43	179593	10.49	ppb		100
69) Dibromochloromethane	8.431	129	131838	10.45	ppb		99
70) 1,2-Dibromoethane	8.552	107	109154	10.33	ppb		99
71) Chlorobenzene	9.022	112	592156	10.13	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	174893	10.40	ppb		99
73) n-Nonane	9.144	57	146792	12.56	ppb		99
74) Ethyl Benzene	9.101	91	1190625	9.89	ppb		100
75) p- & m-Xylenes	9.223	91	1815082	20.19	ppb		100
76) o-Xylene	9.662	91	883241	10.45	ppb		100
77) Styrene	9.686	104	620999	10.11	ppb		98
78) Bromoform	9.961	173	58989	10.88	ppb		100
80) Isopropylbenzene	10.040	105	1085426	10.08	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	120904	9.85	ppb		99
83) Bromobenzene	10.436	77	351153	9.84	ppb		100
84) trans-1,4-Dichloro-2-b...	10.509	75	126803	9.53	ppb		99
85) 1,2,3-Trichloropropane	10.515	110	31798	10.03	ppb		99
86) n-Propylbenzene	10.497	91	1314655	10.14	ppb		100
87) n-Decane	10.601	57	115190	11.38	ppb		99
88) p-Ethyltoluene	10.619	105	970140	9.73	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	764615	10.06	ppb		99
90) 2-Chlorotoluene	10.625	91	786094	9.88	ppb		99
91) 4-Chlorotoluene	10.747	91	694103	10.11	ppb		100
92) tert-Butylbenzene	11.046	119	649860	10.42	ppb		99
93) 1,2,4-Trimethylbenzene	11.107	105	708114	9.92	ppb		100
94) sec-Butylbenzene	11.290	105	934381	10.46	ppb		100
95) Limonene	11.375	68	206001	9.04	ppb		100
96) 1,3-Dichlorobenzene	11.473	146	322150	9.99	ppb		100
97) p-Isopropyltoluene	11.448	119	724396	10.28	ppb		100
98) 1,4-Dichlorobenzene	11.576	146	318976	10.14	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	663339	10.10	ppb		100
100) p-Diethylbenzene	11.887	105	371054	10.55	ppb		98
101) trans-Decahydronapthalene	11.887	138	92328	10.41	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	252112	9.91	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15387.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 11:19 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 6
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:31:32 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

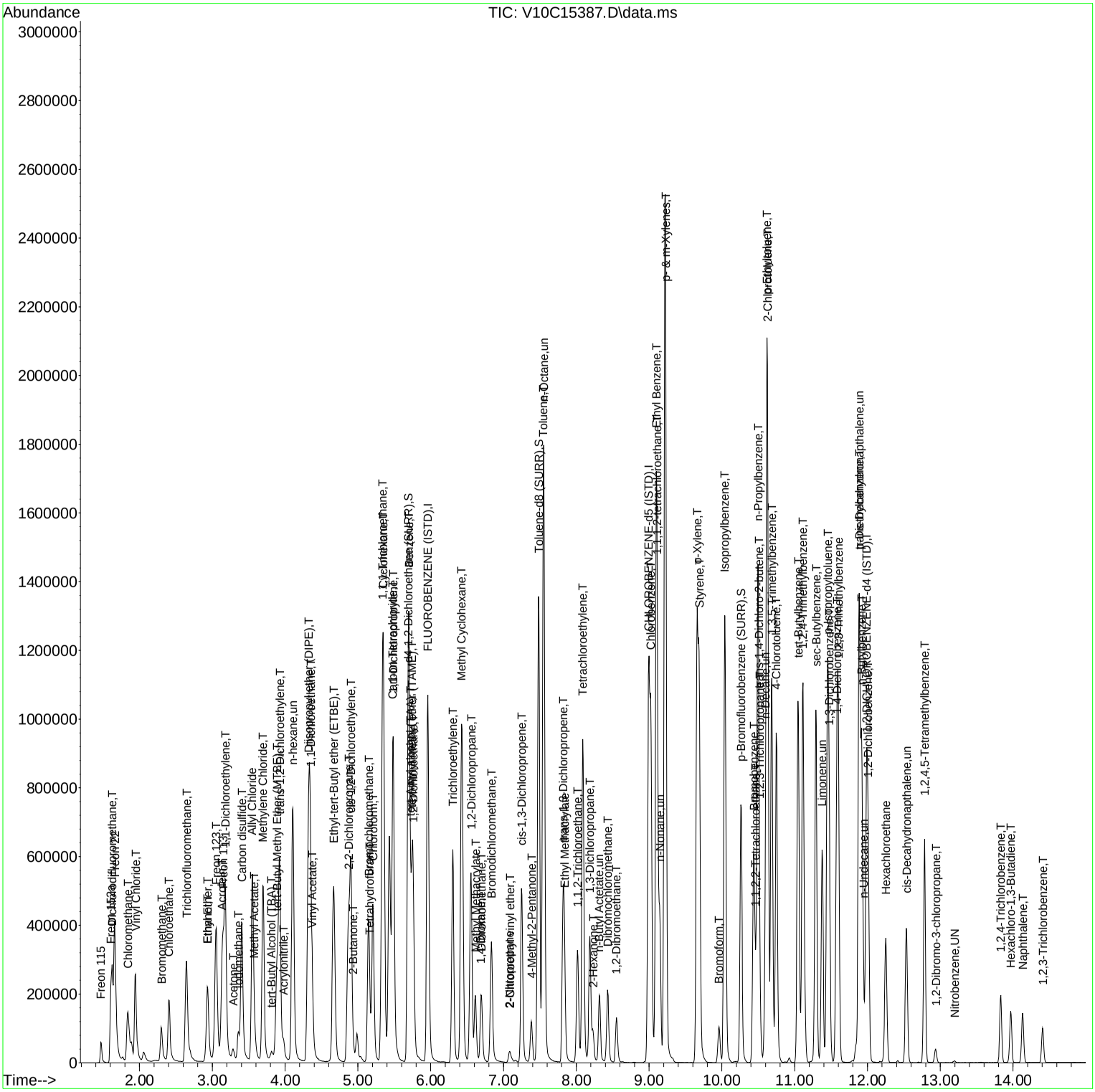
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	731748	10.42	ppb		99
104) Hexachloroethane	12.253	119	93694	10.40	ppb		100
105) n-Undecane	11.942	71	37969	7.63	ppb		97
106) cis-Decahydronapthalene	12.539	138	66954	10.82	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	13428	10.76	ppb		98
108) 1,2,4,5-Tetramethylben...	12.783	119	414642	10.64	ppb		100
109) Nitrobenzene	13.198	77	3985	12.64	ppb		97
110) 1,2,4-Trichlorobenzene	13.832	180	70460	10.42	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	34868	10.47	ppb		96
112) Naphthalene	14.131	128	136919	10.82	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	36383	11.03	ppb		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15387.D
Data Path : C:\msdchem\1\data\V10-09-16-2025\
Acq On : 16 Sep 2025 11:19 pm
Operator : PMB
Sample : SEQ-SCV1
Misc : 8260 CAL Multiplr: 1.00
ALS Vial : 6
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 17 09:31:32 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	9.19	-8.1	30.00
1,1,1-Trichloroethane	10.0	8.24	-17.6	30.00
1,1,2,2-Tetrachloroethane	10.0	7.63	-23.7	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.22	-17.8	30.00
1,1,2-Trichloroethane	10.0	9.67	-3.3	30.00
1,1-Dichloroethane	10.0	8.22	-17.8	30.00
1,1-Dichloroethylene	10.0	7.82	-21.8	30.00
1,2,3-Trichlorobenzene	10.0	7.65	-23.5	30.00
1,2,3-Trichloropropane	10.0	7.73	-22.7	30.00
1,2,4-Trichlorobenzene	10.0	7.75	-22.5	30.00
1,2,4-Trimethylbenzene	10.0	8.28	-17.2	30.00
1,2-Dibromo-3-chloropropane	10.0	7.14	-28.6	30.00
1,2-Dibromoethane	10.0	9.89	-1.1	30.00
1,2-Dichlorobenzene	10.0	8.35	-16.5	30.00
1,2-Dichloroethane	10.0	8.31	-16.9	30.00
1,2-Dichloropropane	10.0	9.20	-8.0	30.00
1,3,5-Trimethylbenzene	10.0	8.16	-18.4	30.00
1,3-Dichlorobenzene	10.0	8.03	-19.7	30.00
1,4-Dichlorobenzene	10.0	8.11	-18.9	30.00
2-Butanone	10.0	7.87	-21.3	30.00
2-Hexanone	10.0	9.24	-7.6	30.00
4-Methyl-2-pentanone	10.0	10.3	2.8	30.00
Acetone	10.0	8.20	-18.0	30.00
Acrolein	10.0	7.96	-20.4	30.00
Acrylonitrile	10.0	8.28	-17.2	30.00
Benzene	10.0	8.45	-15.5	30.00
Bromochloromethane	10.0	8.55	-14.5	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromodichloromethane	10.0	9.23	-7.7	30.00
Bromoform	10.0	9.10	-9.0	30.00
Bromomethane	10.0	8.02	-19.8	30.00
Carbon disulfide	10.0	7.38	-26.2	30.00
Carbon tetrachloride	10.0	8.11	-18.9	30.00
Chlorobenzene	10.0	9.42	-5.8	30.00
Chloroethane	10.0	9.46	-5.4	30.00
Chloroform	10.0	8.12	-18.8	30.00
Chloromethane	10.0	7.08	-29.2	30.00
cis-1,2-Dichloroethylene	10.0	8.60	-14.0	30.00
cis-1,3-Dichloropropylene	10.0	9.43	-5.7	30.00
Cyclohexane	10.0	7.36	-26.4	30.00
Dibromochloromethane	10.0	9.46	-5.4	30.00
Dibromomethane	10.0	9.14	-8.6	30.00
Dichlorodifluoromethane	10.0	4.97	-50.3 *	30.00
Ethyl Benzene	10.0	9.63	-3.7	30.00
Hexachlorobutadiene	10.0	7.61	-23.9	30.00
Isopropylbenzene	10.0	7.61	-23.9	30.00
Methyl acetate	10.0	13.2	31.9 *	30.00
Methyl tert-butyl ether (MTBE)	10.0	7.90	-21.0	30.00
Methylcyclohexane	10.0	8.32	-16.8	30.00
Methylene chloride	10.0	9.29	-7.1	30.00
n-Butylbenzene	10.0	8.46	-15.4	30.00
n-Propylbenzene	10.0	7.71	-22.9	30.00
o-Xylene	10.0	9.87	-1.3	30.00
p- & m- Xylenes	20.0	19.8	-0.8	30.00
p-Isopropyltoluene	10.0	8.12	-18.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. **SDG:** 25I1726

Client: Hydro Tech Environmental **Project:** 230051-170 Freemont St. Brooklyn

Calibration: SI50030 **Laboratory ID:** S5I1904-SCV1

Sequence: S5I1904 **Standard ID:** S25G541

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
sec-Butylbenzene	10.0	7.77	-22.3	30.00
Styrene	10.0	9.62	-3.8	30.00
tert-Butyl alcohol (TBA)	50.0	24.6	-50.8 *	30.00
tert-Butylbenzene	10.0	7.61	-23.9	30.00
Tetrachloroethylene	10.0	7.54	-24.6	30.00
Toluene	10.0	9.56	-4.4	30.00
trans-1,2-Dichloroethylene	10.0	7.87	-21.3	30.00
trans-1,3-Dichloropropylene	10.0	9.47	-5.3	30.00
trans-1,4-dichloro-2-butene	10.0	7.08	-29.2	30.00
Trichloroethylene	10.0	8.68	-13.2	30.00
Trichlorofluoromethane	10.0	8.20	-18.0	30.00
Vinyl Chloride	10.0	7.36	-26.4	30.00

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006868.D
Acq On : 18 Sep 2025 11:48 am
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-SCV1
Misc : 8260 CAL ICV 9/9
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 19 12:24:49 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.733	50	108571	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	177569	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.743	152	394991	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.441	65	214025	9.66	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 96.60%			
59) Toluene-d8 (SURR)	7.260	98	991526	10.84	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 108.40%			
81) p-Bromofluorobenzene (...	10.022	95	351932	8.72	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 87.20%			
Target Compounds						Qvalue
3) Freon 152a	1.499	51	107997	5.79	ppb	100
4) Dichlorodifluoromethane	1.523	85	136876	4.97	ppb	99
5) Freon 22	1.547	51	293631	11.58	ppb	99
6) Chloromethane	1.717	50	176564	7.08	ppb	100
7) Vinyl Chloride	1.815	62	224273	7.36	ppb	100
8) Bromomethane	2.149	94	167655	8.02	ppb	98
9) Chloroethane	2.253	64	201537	9.46	ppb	99
10) Trichlorofluoromethane	2.496	101	545732	8.20	ppb	99
11) Ethyl Ether	2.770	59	372840	15.37	ppb	99
13) Freon 123	2.861	83	499720	9.06	ppb	100
14) 1,1-Dichloroethylene	3.001	61	484150	7.82	ppb	100
15) Freon 113	2.983	101	339257	8.22	ppb	99
16) Acrolein	2.922	56	19305	7.96	ppb	97
17) Acetone	3.062	58	15309	8.20	ppb	90
18) Iodomethane	3.159	142	241532	7.06	ppb	99
19) Carbon disulfide	3.220	76	764164	7.38	ppb	100
20) Allyl Chloride	3.348	41	440561	7.13	ppb	92
21) Methyl Acetate	3.372	43	213433	13.19	ppb	99
22) tert-Butyl Alcohol (TBA)	3.597	59	28279	24.59	ppb	96
23) Methylene Chloride	3.476	49	456624	9.29	ppb	98
24) Acrylonitrile	3.719	53	31788	8.28	ppb	89
25) trans-1,2-Dichloroethy...	3.725	61	238089	7.87	ppb	100
26) tert-Butyl Methyl Ethe...	3.707	73	368461	7.90	ppb	100
27) n-hexane	3.944	57	162940	5.83	ppb	99
28) 1,1-Dichloroethane	4.127	63	309051	8.22	ppb	100
29) Vinyl Acetate	4.157	86	17693	6.64	ppb	35
30) Diisopropyl ether (DIPE)	4.151	45	496269	8.35	ppb	98
31) Ethyl-tert-Butyl ether...	4.486	59	445564	8.11	ppb	99
32) cis-1,2-Dichloroethylene	4.668	61	285340	8.60	ppb	100
33) 2-Butanone	4.680	72	13113	7.87	ppb	86
34) 2,2-Dichloropropane	4.656	77	250043	8.86	ppb	98
35) Tetrahydrofuran	4.948	71	10624	8.27	ppb	95
36) Bromochloromethane	4.899	49	127590	8.55	ppb	99
37) Chloroform	4.972	83	322767	8.12	ppb	100
38) 1,1,1-Trichloroethane	5.124	97	283089	8.24	ppb	99
39) Cyclohexane	5.167	56	281105	7.36	ppb	99
40) 1,1-Dichloropropylene	5.276	75	249232	7.61	ppb	98
42) Carbon Tetrachloride	5.282	117	252304	8.11	ppb	99
43) tert-Amyl alcohol (TAA)	5.489	59	44297	50.62	ppb	88
44) 1,2-Dichloroethane	5.508	62	221333	8.31	ppb	100
45) Benzene	5.477	78	747341	8.45	ppb	99
46) tert-Amyl methyl ether...	5.550	73	400253	8.36	ppb	99
48) Trichloroethylene	6.085	95	186192	8.68	ppb	97

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006868.D
Acq On : 18 Sep 2025 11:48 am
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-SCV1
Misc : 8260 CAL ICV 9/9
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 19 12:24:49 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Methyl Cyclohexane	6.250	83	272214	8.32	ppb	#	74
50) Methyl Methacrylate	6.390	69	82322	9.66	ppb		97
51) Dibromomethane	6.438	93	88325	9.14	ppb		99
52) Bromodichloromethane	6.584	83	229042	9.23	ppb		100
53) 1,2-Dichloropropane	6.304	63	179665	9.20	ppb		99
54) 1,4-Dioxane	6.444	88	7080	56.59	ppb		91
55) 2-Nitropropane	6.797	43	26999	8.24	ppb		99
57) cis-1,3-Dichloropropene	7.010	75	255326	9.43	ppb		99
58) 4-Methyl-2-Pentanone	7.138	43	97588	10.28	ppb		99
60) Toluene	7.327	91	869545	9.56	ppb		100
61) n-Octane	7.387	85	51984	8.84	ppb		98
62) Ethyl Methacrylate	7.619	69	165615	9.25	ppb		98
63) trans-1,3-Dichloropropene	7.564	75	208851	9.47	ppb		100
64) 1,1,2-Trichloroethane	7.758	97	126727	9.67	ppb		100
65) 1,3-Dichloropropane	7.929	76	220659	9.47	ppb		99
66) Tetrachloroethylene	7.886	166	172156	7.54	ppb		99
67) 2-Hexanone	7.984	43	64368	9.24	ppb		98
68) n-Butyl Actetate	8.099	43	5042	0.31	ppb	#	91
69) Dibromochloromethane	8.172	129	142694	9.46	ppb		99
70) 1,2-Dibromoethane	8.294	107	119359	9.89	ppb		98
71) Chlorobenzene	8.787	112	520908	9.42	ppb		100
72) 1,1,1,2-tetrachloroethane	8.872	131	168433	9.19	ppb		98
73) n-Nonane	8.981	57	59052	16.93	ppb		99
74) Ethyl Benzene	8.878	91	955745	9.63	ppb		100
75) p- & m-Xylenes	9.006	91	1524194	19.84	ppb		100
76) o-Xylene	9.438	91	759726	9.87	ppb		99
77) Styrene	9.456	104	583926	9.62	ppb		99
78) Bromoform	9.699	173	68089	9.10	ppb		98
80) Isopropylbenzene	9.827	105	831634	7.61	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.198	83	159146	7.63	ppb		99
83) Bromobenzene	10.192	77	310849	7.39	ppb		99
84) trans-1,4-Dichloro-2-b...	10.247	75	139785	7.08	ppb	#	86
85) 1,2,3-Trichloropropane	10.247	110	42202	7.73	ppb		97
86) n-Propylbenzene	10.277	91	999939	7.71	ppb		99
87) n-Decane	10.435	57	62506	16.29	ppb		96
88) p-Ethyltoluene	10.405	105	890317	7.93	ppb		99
89) 1,3,5-Trimethylbenzene	10.472	105	733336	8.16	ppb		99
90) 2-Chlorotoluene	10.399	91	717634	7.73	ppb		100
91) 4-Chlorotoluene	10.514	91	693737	8.09	ppb		100
92) tert-Butylbenzene	10.837	119	517520	7.61	ppb		99
93) 1,2,4-Trimethylbenzene	10.898	105	755492	8.28	ppb		100
94) sec-Butylbenzene	11.080	105	717856	7.77	ppb		100
95) Limonene	11.184	68	115307	6.96	ppb		99
96) 1,3-Dichlorobenzene	11.238	146	404946	8.03	ppb		98
97) p-Isopropyltoluene	11.238	119	688728	8.12	ppb		100
98) 1,4-Dichlorobenzene	11.336	146	389939	8.11	ppb		99
99) 1,2,3-Trimethylbenzene	11.378	105	817483	8.68	ppb		100
100) p-Diethylbenzene	11.676	105	373843	8.43	ppb	#	83
101) trans-Decahydronapthalene	11.688	138	59549	13.46	ppb		98
102) 1,2-Dichlorobenzene	11.768	146	385232	8.35	ppb		100
103) n-Butylbenzene	11.707	91	710158	8.46	ppb	#	88
105) n-Undecane	11.780	71	36261	12.13	ppb		90
106) cis-Decahydronapthalene	12.333	138	37969	7.80	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.656	75	20855	7.14	ppb		98
108) 1,2,4,5-Tetramethylben...	12.564	119	518804	7.86	ppb		99
109) Nitrobenzene	12.905	77	2065	2.79	ppb		87
110) 1,2,4-Trichlorobenzene	13.593	180	133224	7.75	ppb		99

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006868.D
Acq On : 18 Sep 2025 11:48 am
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-SCV1
Misc : 8260 CAL ICV 9/9
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 19 12:24:49 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

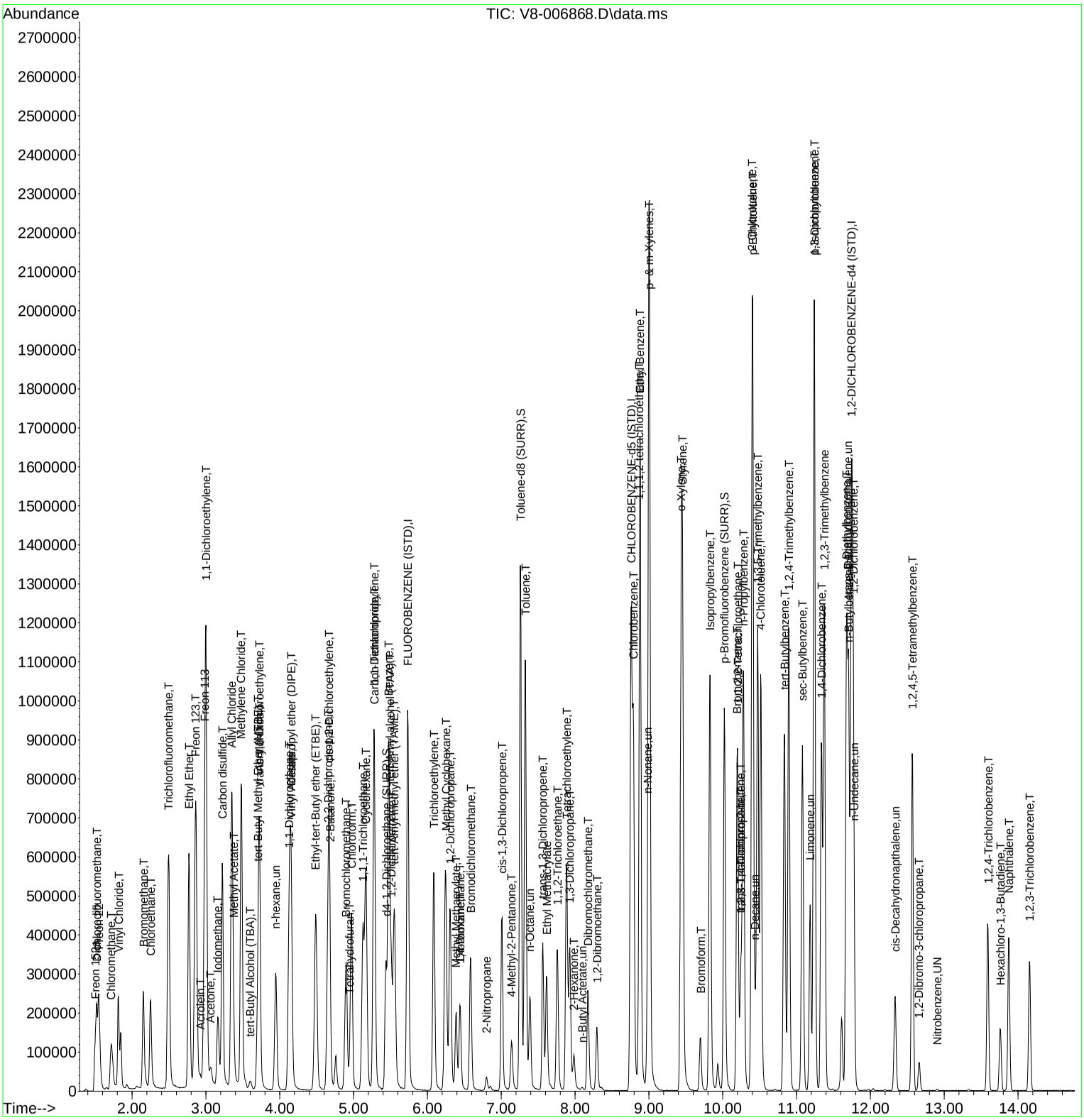
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) Hexachloro-1,3-Butadiene	13.763	225	29668	7.61	ppb	95
112) Naphthalene	13.872	128	334392	7.83	ppb	100
113) 1,2,3-Trichlorobenzene	14.158	180	103995	7.65	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006868.D
Acq On : 18 Sep 2025 11:48 am
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-SCV1
Misc : 8260 CAL ICV 9/9
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 19 12:24:49 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	11.5	1.032632	1.18667		14.9	20	
1,1,1-Trichloroethane	A	10.0	10.6	3.162869	3.343827	0.1	5.7	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.5279839	0.5520125	0.3	4.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.8	3.800277	4.095113	0.1	7.8	20	
1,1,2-Trichloroethane	A	10.0	11.4	0.7377951	0.8403032	0.1	13.9	20	
1,1-Dichloroethane	A	10.0	9.69	3.462321	3.354906	0.2	-3.1	20	
1,1-Dichloroethylene	A	10.0	10.9	5.704204	6.208867	0.1	8.8	20	
1,2,3-Trichlorobenzene	A	10.0	10.2	0.3443873	0.3507473		1.8	20	
1,2,3-Trichloropropane	A	10.0	10.8	0.1382932	0.1489999		7.7	20	
1,2,4-Trichlorobenzene	A	10.0	10.6	0.4353494	0.4594201	0.2	5.5	20	
1,2,4-Trimethylbenzene	A	10.0	11.8	2.31115	2.727626		18.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.9	7.397414E-02	8.062487E-02	0.05	9.0	20	
1,2-Dibromoethane	A	10.0	11.6	0.6793414	0.7845405	0.1	15.5	20	
1,2-Dichlorobenzene	A	10.0	11.2	1.168559	1.303997	0.4	11.6	20	
1,2-Dichloroethane	A	10.0	9.79	2.454273	2.403109	0.1	-2.1	20	
1,2-Dichloropropane	A	10.0	11.1	1.099228	1.216775	0.1	10.7	20	
1,3,5-Trimethylbenzene	A	10.0	11.8	2.274314	2.675478		17.6	20	
1,3-Dichlorobenzene	A	10.0	11.4	1.276238	1.450133	0.6	13.6	20	
1,4-Dichlorobenzene	A	10.0	11.4	1.216841	1.387908	0.5	14.1	20	
2-Butanone	A	10.0	10.4	0.1534022	0.1601936	0.1	4.4	20	
2-Hexanone	A	10.0	11.8	0.3924603	0.4650466	0.1	18.5	20	
4-Methyl-2-pentanone	A	10.0	12.0	0.534569	0.6397428	0.1	19.7	20	
Acetone	A	10.0	13.6	0.2521241	0.2329438	0.1	36.2	20	*
Acrolein	A	40.0	40.3	0.2232994	0.2249312		0.7	20	
Acrylonitrile	A	50.0	46.2	0.3536499	0.3268344		-7.6	20	
Benzene	A	10.0	9.88	8.14631	8.051867	0.5	-1.2	20	
Bromochloromethane	A	10.0	9.86	1.374589	1.354661		-1.4	20	
Bromodichloromethane	A	10.0	11.3	1.397876	1.583473	0.2	13.3	20	
Bromoform	A	10.0	12.4	0.4213343	0.5224136	0.1	24.0	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	9.10	1.924601	1.752657	0.1	-8.9	20	
Carbon disulfide	A	10.0	10.8	9.535053	10.27345	0.1	7.7	20	
Carbon tetrachloride	A	10.0	10.6	2.866698	3.053326	0.1	6.5	20	
Chlorobenzene	A	10.0	11.4	3.114886	3.540191	0.5	13.7	20	
Chloroethane	A	10.0	9.39	1.96287	1.843509	0.1	-6.1	20	
Chloroform	A	10.0	9.79	3.662521	3.586586	0.2	-2.1	20	
Chloromethane	A	10.0	8.82	2.29798	2.027006	0.1	-11.8	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	3.056116	3.057225	0.1	0.04	20	
cis-1,3-Dichloropropylene	A	10.0	12.0	1.524095	1.827905	0.2	19.9	20	
Cyclohexane	A	10.0	10.1	3.518241	3.548688	0.1	0.9	20	
Dibromochloromethane	A	10.0	11.7	0.8498885	0.9956529	0.1	17.2	20	
Dibromomethane	A	10.0	11.2	0.5443811	0.608989		11.9	20	
Dichlorodifluoromethane	A	10.0	9.13	2.536934	2.31737	0.1	-8.7	20	
Ethyl Benzene	A	10.0	11.9	5.59169	6.648921	0.1	18.9	20	
Hexachlorobutadiene	A	10.0	11.6	9.866439E-02	0.1145287		16.1	20	
Isopropylbenzene	A	10.0	11.3	2.766907	3.135498	0.1	13.3	20	
Methyl acetate	A	10.0	10.2	1.490142	1.522289	0.1	2.2	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.51	4.293789	4.084368	0.1	-4.9	20	
Methylcyclohexane	A	10.0	13.0	1.841784	2.393565	0.1	30.0	20	*
Methylene chloride	A	10.0	12.0	8.463221	5.436178	0.1	20.5	20	*
n-Butylbenzene	A	10.0	12.7	2.126231	2.696335		26.8	20	*
n-Propylbenzene	A	10.0	11.7	3.281646	3.826142		16.6	20	
o-Xylene	A	10.0	12.0	4.335631	5.195741	0.3	19.8	20	
p- & m- Xylenes	A	20.0	25.0	4.4981	5.404651	0.1	20.2	20	*
p-Isopropyltoluene	A	10.0	12.4	2.147904	2.658213		23.8	20	*
sec-Butylbenzene	A	10.0	12.5	2.339404	2.92922		25.2	20	*
Styrene	A	10.0	12.3	3.418956	4.213153	0.3	23.2	20	*
tert-Butyl alcohol (TBA)	A	50.0	52.2	0.1188954	0.111011		4.3	20	
tert-Butylbenzene	A	10.0	11.7	1.720614	2.017641		17.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 8	Calibration:	SI50030
Lab File ID:	V8-007155a.D	Calibration Date:	09/19/25 11:34
Sequence:	S5I3013	Injection Date:	09/29/25
Lab Sample ID:	S5I3013-CCV1	Injection Time:	13:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	10.5	1.286128	1.353091	0.2	5.2	20	
Toluene	A	10.0	11.4	5.122056	5.824095	0.4	13.7	20	
trans-1,2-Dichloroethylene	A	10.0	9.80	2.787065	2.731156	0.1	-2.0	20	
trans-1,3-Dichloropropylene	A	10.0	12.6	1.241898	1.561962	0.1	25.8	20	*
trans-1,4-dichloro-2-butene	A	10.0	11.2	0.5000639	0.5616107		12.3	20	
Trichloroethylene	A	10.0	11.3	1.207572	1.361502	0.2	12.7	20	
Trichlorofluoromethane	A	10.0	10.2	6.130634	6.272919	0.1	2.3	20	
Vinyl Chloride	A	10.0	9.92	2.8081	2.785687	0.1	-0.8	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007155a.D
Acq On : 29 Sep 2025 1:00 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CCV1
Misc : 8260
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 29 14:13:09 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.727	50	102089	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.750	54	169540	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.737	152	340168	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.434	65	202763	9.73	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 97.30%			
59) Toluene-d8 (SURR)	7.253	98	889904	10.19	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 101.90%			
81) p-Bromofluorobenzene (...	10.015	95	315586	9.08	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 90.80%			
Target Compounds						Qvalue
2) Freon 115	1.369	85	16522	6.53	ppb	98
3) Freon 152a	1.499	51	166814	9.52	ppb	98
4) Dichlorodifluoromethane	1.517	85	236578	9.13	ppb	100
5) Freon 22	1.547	51	231747	9.72	ppb	99
6) Chloromethane	1.717	50	206935	8.82	ppb	100
7) Vinyl Chloride	1.809	62	284388	9.92	ppb	99
8) Bromomethane	2.143	94	178927	9.10	ppb	100
9) Chloroethane	2.247	64	188202	9.39	ppb	100
10) Trichlorofluoromethane	2.490	101	640396	10.23	ppb	99
11) Ethyl Ether	2.764	59	220670	9.68	ppb	99
12) Ethanol	2.715	45	54765	417.25	ppb	95
13) Freon 123	2.855	83	555680	10.72	ppb	99
14) 1,1-Dichloroethylene	2.995	61	633857	10.88	ppb	100
15) Freon 113	2.983	101	418066	10.78	ppb	99
16) Acrolein	2.916	56	91852	40.29	ppb	96
17) Acetone	3.068	58	23781	13.62	ppb	98
18) Iodomethane	3.159	142	184910	5.75	ppb	97
19) Carbon disulfide	3.214	76	1048806	10.77	ppb	100
20) Allyl Chloride	3.342	41	630706	10.85	ppb	99
21) Methyl Acetate	3.366	43	155409	10.22	ppb	100
22) tert-Butyl Alcohol (TBA)	3.597	59	56665	52.15	ppb	94
23) Methylene Chloride	3.476	49	554974	12.05	ppb	100
24) Acrylonitrile	3.713	53	166831	46.21	ppb	98
25) trans-1,2-Dichloroethy...	3.719	61	278821	9.80	ppb	99
26) tert-Butyl Methyl Ethe...	3.707	73	416969	9.51	ppb	99
27) n-hexane	3.944	57	303402	11.54	ppb	100
28) 1,1-Dichloroethane	4.120	63	342499	9.69	ppb	100
29) Vinyl Acetate	4.151	86	28058	11.20	ppb	90
30) Diisopropyl ether (DIPE)	4.145	45	529005	9.47	ppb	99
31) Ethyl-tert-Butyl ether...	4.485	59	500487	9.68	ppb	99
32) cis-1,2-Dichloroethylene	4.668	61	312109	10.00	ppb	99
33) 2-Butanone	4.674	72	16354	10.44	ppb	92
34) 2,2-Dichloropropane	4.650	77	314287	11.85	ppb	96
35) Tetrahydrofuran	4.936	71	66041	52.37	ppb	96
36) Bromochloromethane	4.899	49	138296	9.86	ppb	99
37) Chloroform	4.966	83	366151	9.79	ppb	99
38) 1,1,1-Trichloroethane	5.124	97	341368	10.57	ppb	98
39) Cyclohexane	5.161	56	362282	10.09	ppb	97
40) 1,1-Dichloropropylene	5.270	75	327144	10.62	ppb	99
42) Carbon Tetrachloride	5.276	117	311711	10.65	ppb	100
43) tert-Amyl alcohol (TAA)	5.483	59	45039	54.42	ppb	92
44) 1,2-Dichloroethane	5.501	62	245331	9.79	ppb	99
45) Benzene	5.471	78	822007	9.88	ppb	99

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007155a.D
Acq On : 29 Sep 2025 1:00 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CCV1
Misc : 8260
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 29 14:13:09 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) tert-Amyl methyl ether...	5.544	73	458035	10.18	ppb		96
48) Trichloroethylene	6.079	95	230829	11.27	ppb		98
49) Methyl Cyclohexane	6.244	83	405805	13.00	ppb		92
50) Methyl Methacrylate	6.384	69	91669	11.27	ppb		98
51) Dibromomethane	6.432	93	103248	11.19	ppb		98
52) Bromodichloromethane	6.578	83	268462	11.33	ppb		99
53) 1,2-Dichloropropane	6.304	63	206292	11.07	ppb		98
54) 1,4-Dioxane	6.444	88	32816	274.74	ppb		98
55) 2-Nitropropane	6.797	43	198919	63.56	ppb		96
56) 2-Chloroethyl vinyl ether	6.840	63	13516	4.34	ppb		99
57) cis-1,3-Dichloropropene	7.004	75	309903	11.99	ppb		100
58) 4-Methyl-2-Pentanone	7.132	43	108462	11.97	ppb		99
60) Toluene	7.320	91	987417	11.37	ppb		100
61) n-Octane	7.387	85	87810	17.30	ppb		99
62) Ethyl Methacrylate	7.612	69	203758	11.93	ppb		99
63) trans-1,3-Dichloropropene	7.558	75	264815	12.58	ppb		99
64) 1,1,2-Trichloroethane	7.752	97	142465	11.39	ppb		99
65) 1,3-Dichloropropane	7.923	76	251542	11.30	ppb		99
66) Tetrachloroethylene	7.880	166	229403	10.52	ppb		99
67) 2-Hexanone	7.977	43	78844	11.85	ppb		98
68) n-Butyl Actetate	8.093	43	192792	12.55	ppb		99
69) Dibromochloromethane	8.172	129	168803	11.72	ppb		99
70) 1,2-Dibromoethane	8.288	107	133011	11.55	ppb		98
71) Chlorobenzene	8.787	112	600204	11.37	ppb		100
72) 1,1,1,2-tetrachloroethane	8.872	131	201188	11.49	ppb		98
73) n-Nonane	8.975	57	90639	22.67	ppb		99
74) Ethyl Benzene	8.878	91	1127258	11.89	ppb		99
75) p- & m-Xylenes	8.999	91	1832609	24.99	ppb		100
76) o-Xylene	9.431	91	880886	11.98	ppb		100
77) Styrene	9.450	104	714298	12.32	ppb		100
78) Bromoform	9.693	173	88570	12.40	ppb		99
80) Isopropylbenzene	9.821	105	1066596	11.33	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.192	83	187777	10.46	ppb		99
83) Bromobenzene	10.192	77	371527	10.25	ppb		97
84) trans-1,4-Dichloro-2-b...	10.241	75	191042	11.23	ppb	#	96
85) 1,2,3-Trichloropropane	10.241	110	50685	10.77	ppb		97
86) n-Propylbenzene	10.277	91	1301531	11.66	ppb		100
87) n-Decane	10.435	57	85084	19.70	ppb		99
88) p-Ethyltoluene	10.399	105	1111997	11.50	ppb		99
89) 1,3,5-Trimethylbenzene	10.466	105	910112	11.76	ppb		100
90) 2-Chlorotoluene	10.393	91	891571	11.15	ppb		100
91) 4-Chlorotoluene	10.514	91	849017	11.49	ppb		100
92) tert-Butylbenzene	10.831	119	686337	11.73	ppb		99
93) 1,2,4-Trimethylbenzene	10.891	105	927851	11.80	ppb		99
94) sec-Butylbenzene	11.074	105	996427	12.52	ppb		99
95) Limonene	11.177	68	203534	14.26	ppb		100
96) 1,3-Dichlorobenzene	11.232	146	493289	11.36	ppb		99
97) p-Isopropyltoluene	11.232	119	904239	12.38	ppb		100
98) 1,4-Dichlorobenzene	11.336	146	472122	11.41	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	943115	11.63	ppb		100
100) p-Diethylbenzene	11.670	105	470631	12.32	ppb	#	84
101) trans-Decahydronapthalene	11.682	138	96196	21.48	ppb		98
102) 1,2-Dichlorobenzene	11.761	146	443578	11.16	ppb		99
103) n-Butylbenzene	11.701	91	917207	12.68	ppb	#	87
104) Hexachloroethane	12.029	119	136725	11.74	ppb		99
105) n-Undecane	11.774	71	48185	15.48	ppb		78
106) cis-Decahydronapthalene	12.327	138	61399	14.65	ppb	#	98

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007155a.D
Acq On : 29 Sep 2025 1:00 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CCV1
Misc : 8260
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 29 14:13:09 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

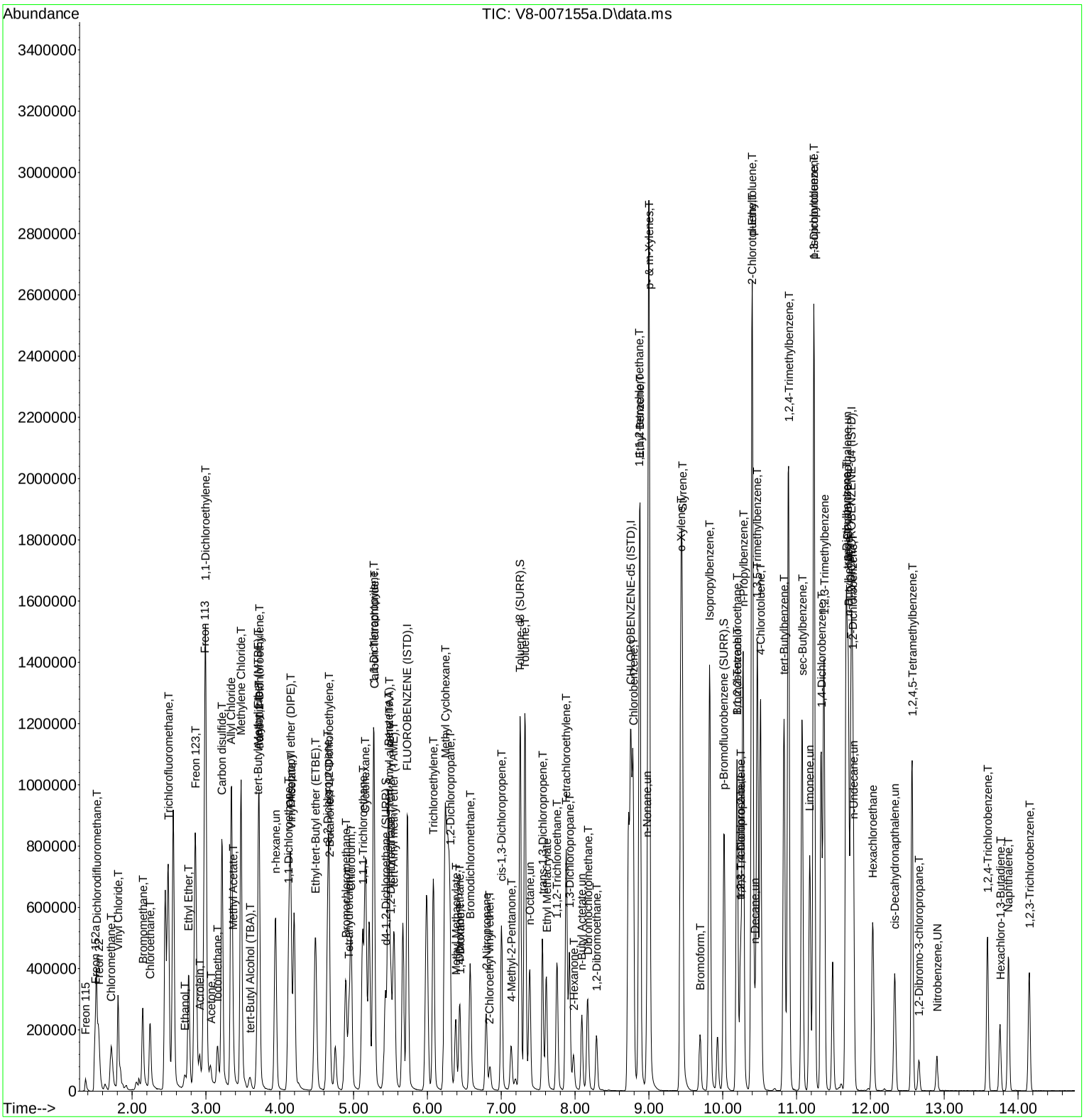
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dibromo-3-chloropr...	12.656	75	27426	10.90	ppb	98
108) 1,2,4,5-Tetramethylben...	12.564	119	660278	11.62	ppb	100
109) Nitrobenzene	12.899	77	61495	89.88	ppb	99
110) 1,2,4-Trichlorobenzene	13.586	180	156280	10.55	ppb	99
111) Hexachloro-1,3-Butadiene	13.757	225	38959	11.61	ppb	98
112) Naphthalene	13.866	128	378913	10.30	ppb	100
113) 1,2,3-Trichlorobenzene	14.152	180	119313	10.18	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007155a.D
Acq On : 29 Sep 2025 1:00 pm
Operator : PMB
InstName : VOA No. 8
Sample : SEQ-CCV1
Misc : 8260
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 29 14:13:09 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.9481375	1.019435		7.5	20	
1,1,1-Trichloroethane	A	10.0	11.2	2.723709	3.059424	0.1	12.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.66	0.54115	0.5225804	0.3	-3.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.1	1.722982	1.741035	0.1	1.0	20	
1,1,2-Trichloroethane	A	10.0	10.6	0.6852715	0.7271934	0.1	6.1	20	
1,1-Dichloroethane	A	10.0	10.6	3.905431	4.136509	0.2	5.9	20	
1,1-Dichloroethylene	A	10.0	11.1	3.179474	3.526109	0.1	10.9	20	
1,2,3-Trichlorobenzene	A	10.0	11.2	0.1454233	0.1635784		12.5	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.1397771	0.1427179		2.1	20	
1,2,4-Trichlorobenzene	A	10.0	10.1	0.2980927	0.3017426	0.2	1.2	20	
1,2,4-Trimethylbenzene	A	10.0	10.4	3.147818	3.274224		4.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.9	5.499377E-02	6.003393E-02	0.05	9.2	20	
1,2-Dibromoethane	A	10.0	10.6	0.5960318	0.6326962	0.1	6.2	20	
1,2-Dichlorobenzene	A	10.0	9.95	1.121546	1.115762	0.4	-0.5	20	
1,2-Dichloroethane	A	10.0	11.3	1.756381	1.98677	0.1	13.1	20	
1,2-Dichloropropane	A	10.0	10.0	1.500576	1.50844	0.1	0.5	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	3.351034	3.519275		5.0	20	
1,3-Dichlorobenzene	A	10.0	9.94	1.420848	1.412698	0.6	-0.6	20	
1,4-Dichlorobenzene	A	10.0	9.87	1.387093	1.36927	0.5	-1.3	20	
2-Butanone	A	10.0	12.2	9.368831E-02	0.1145188	0.1	22.2	20	*
2-Hexanone	A	10.0	10.3	0.34855	0.3590173	0.1	3.0	20	
4-Methyl-2-pentanone	A	10.0	10.1	0.5336699	0.5398889	0.1	1.2	20	
Acetone	A	10.0	14.2	0.1177011	0.130976	0.1	42.1	20	*
Acrolein	A	40.0	35.9	0.1247131	0.1119881		-10.2	20	
Acrylonitrile	A	50.0	52.5	0.3093702	0.3249644		5.0	20	
Benzene	A	10.0	10.9	8.337071	9.056147	0.5	8.6	20	
Bromochloromethane	A	10.0	10.2	1.384085	1.41573		2.3	20	
Bromodichloromethane	A	10.0	10.7	1.470659	1.577492	0.2	7.3	20	
Bromoform	A	10.0	10.6	0.3056808	0.3242087	0.1	6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	10.3	0.5778351	0.6827029	0.1	3.1	20	
Carbon disulfide	A	10.0	10.1	5.845322	5.887576	0.1	0.7	20	
Carbon tetrachloride	A	10.0	11.0	2.212746	2.445437	0.1	10.5	20	
Chlorobenzene	A	10.0	10.6	3.296422	3.504746	0.5	6.3	20	
Chloroethane	A	10.0	10.4	1.295651	1.340951	0.1	3.5	20	
Chloroform	A	10.0	11.1	3.168682	3.525057	0.2	11.2	20	
Chloromethane	A	10.0	9.53	2.419949	2.30509	0.1	-4.7	20	
cis-1,2-Dichloroethylene	A	10.0	10.4	3.175337	3.30093	0.1	4.0	20	
cis-1,3-Dichloropropylene	A	10.0	10.3	1.842461	1.901653	0.2	3.2	20	
Cyclohexane	A	10.0	10.1	4.491063	4.528434	0.1	0.8	20	
Dibromochloromethane	A	10.0	10.8	0.7116503	0.7707724	0.1	8.3	20	
Dibromomethane	A	10.0	10.4	0.4765158	0.496269		4.1	20	
Dichlorodifluoromethane	A	10.0	8.95	2.234192	1.999439	0.1	-10.5	20	
Ethyl Benzene	A	10.0	10.6	6.787269	7.202174	0.1	6.1	20	
Hexachlorobutadiene	A	10.0	9.92	0.1468223	0.1456575		-0.8	20	
Isopropylbenzene	A	10.0	10.4	4.747432	4.939688	0.1	4.0	20	
Methyl acetate	A	10.0	10.0	0.7331099	0.7337783	0.1	0.09	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.8	3.099931	3.332962	0.1	7.5	20	
Methylcyclohexane	A	10.0	10.1	2.857829	2.897714	0.1	1.4	20	
Methylene chloride	A	10.0	14.3	4.920238	4.07092	0.1	43.0	20	*
n-Butylbenzene	A	10.0	10.6	3.095706	3.296534		6.5	20	
n-Propylbenzene	A	10.0	10.4	5.712751	5.931441		3.8	20	
o-Xylene	A	10.0	10.8	4.768717	5.172163	0.3	8.5	20	
p- & m- Xylenes	A	20.0	21.4	5.070616	5.429551	0.1	7.1	20	
p-Isopropyltoluene	A	10.0	10.7	3.106092	3.332453		7.3	20	
sec-Butylbenzene	A	10.0	10.7	3.936305	4.224432		7.3	20	
Styrene	A	10.0	11.1	3.463064	3.831449	0.3	10.6	20	
tert-Butyl alcohol (TBA)	A	50.0	31.0	6.970394E-02	3.922866E-02		-38.0	20	*
tert-Butylbenzene	A	10.0	10.7	2.748696	2.940162		7.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15895.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0112	Injection Date:	09/30/25
Lab Sample ID:	S5J0112-CCV1	Injection Time:	04:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	14.6	1.551815	2.260036	0.2	45.6	20 *
Toluene	A	10.0	10.5	6.183806	6.471634	0.4	4.7	20
trans-1,2-Dichloroethylene	A	10.0	10.6	3.092459	3.2789	0.1	6.0	20
trans-1,3-Dichloropropylene	A	10.0	10.6	1.339456	1.422665	0.1	6.2	20
trans-1,4-dichloro-2-butene	A	10.0	9.99	0.5865822	0.586214		-0.06	20
Trichloroethylene	A	10.0	10.7	1.462171	1.564714	0.2	7.0	20
Trichlorofluoromethane	A	10.0	10.6	2.74196	2.915198	0.1	6.3	20
Vinyl Chloride	A	10.0	9.93	2.812603	2.791779	0.1	-0.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C15895.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:29 am
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 92
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.962	50	99774	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	146745	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	193907	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	176283	10.21	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.10%			
59) Toluene-d8 (SURR)	7.480	98	852907	9.84	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.40%			
81) p-Bromofluorobenzene (...	10.266	95	283937	9.89	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.90%			
Target Compounds						Qvalue
2) Freon 115	1.475	85	11671	6.04	ppb	98
3) Freon 152a	1.610	51	173913	8.73	ppb	94
4) Dichlorodifluoromethane	1.628	85	199492	8.95	ppb	99
5) Freon 22	1.658	51	263192	10.26	ppb	97
6) Chloromethane	1.840	50	229988	9.53	ppb	100
7) Vinyl Chloride	1.944	62	278547	9.93	ppb	100
8) Bromomethane	2.304	94	68116	10.31	ppb	99
9) Chloroethane	2.407	64	133792	10.35	ppb	100
10) Trichlorofluoromethane	2.645	101	290861	10.63	ppb	99
11) Ethyl Ether	2.938	59	129424	10.75	ppb	98
12) Ethanol	2.932	45	144970	415.19	ppb	95
13) Freon 123	3.054	83	295803	11.01	ppb	99
14) 1,1-Dichloroethylene	3.182	61	351814	11.09	ppb	99
15) Freon 113	3.145	101	173710	10.10	ppb	96
16) Acrolein	3.133	56	44694	35.92	ppb	100
17) Acetone	3.285	58	13068	14.21	ppb	98
18) Iodomethane	3.358	142	92035	6.57	ppb	94
19) Carbon disulfide	3.407	76	587427	10.07	ppb	100
20) Allyl Chloride	3.554	41	335070	9.05	ppb	92
21) Methyl Acetate	3.578	43	73212	10.01	ppb	100
22) tert-Butyl Alcohol (TBA)	3.810	59	19570	31.00	ppb	92
23) Methylene Chloride	3.700	49	406172	14.30	ppb	99
24) Acrylonitrile	3.980	53	162115	52.52	ppb	99
25) trans-1,2-Dichloroethy...	3.925	61	327149	10.60	ppb	99
26) tert-Butyl Methyl Ethe...	3.889	73	332543	10.75	ppb	99
27) n-hexane	4.102	57	362469	9.30	ppb	98
28) 1,1-Dichloroethane	4.346	63	412716	10.59	ppb	100
29) Vinyl Acetate	4.377	86	15529	8.08	ppb	56
30) Diisopropyl ether (DIPE)	4.322	45	640510	9.99	ppb	97
31) Ethyl-tert-Butyl ether...	4.669	59	504472	10.96	ppb	99
32) cis-1,2-Dichloroethylene	4.901	61	329347	10.40	ppb	97
33) 2-Butanone	4.925	72	11426	12.22	ppb	93
34) 2,2-Dichloropropane	4.870	77	234732	8.69	ppb	97
35) Tetrahydrofuran	5.163	71	45377	56.01	ppb	92
36) Bromochloromethane	5.145	49	141253	10.23	ppb	96
37) Chloroform	5.206	83	351709	11.12	ppb	99
38) 1,1,1-Trichloroethane	5.340	97	305251	11.23	ppb	99
39) Cyclohexane	5.346	56	451820	10.08	ppb	97
40) 1,1-Dichloropropylene	5.486	75	327167	10.86	ppb	99
42) Carbon Tetrachloride	5.480	117	243991	11.05	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	39229	57.11	ppb	74

Data File : V10C15895.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:29 am
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 92
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	198228	11.31	ppb		99
45) Benzene	5.699	78	903568	10.86	ppb		99
46) tert-Amyl methyl ether...	5.742	73	429705	11.18	ppb		99
48) Trichloroethylene	6.303	95	229614	10.70	ppb		98
49) Methyl Cyclohexane	6.431	83	425225	10.14	ppb		96
50) Methyl Methacrylate	6.614	69	70574	10.52	ppb		94
51) Dibromomethane	6.693	93	72825	10.41	ppb		97
52) Bromodichloromethane	6.833	83	231489	10.73	ppb		99
53) 1,2-Dichloropropane	6.553	63	221356	10.05	ppb		98
54) 1,4-Dioxane	6.687	88	21130	267.42	ppb		97
55) 2-Nitropropane	7.083	43	119389	51.75	ppb		99
56) 2-Chloroethyl vinyl ether	7.096	63	1211	5.66	ppb	#	88
57) cis-1,3-Dichloropropene	7.248	75	279058	10.32	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	79226	10.12	ppb	#	97
60) Toluene	7.547	91	949680	10.47	ppb		100
61) n-Octane	7.559	85	106658	9.42	ppb		98
62) Ethyl Methacrylate	7.833	69	153585	10.87	ppb		97
63) trans-1,3-Dichloropropene	7.815	75	208769	10.62	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	106712	10.61	ppb		100
65) 1,3-Dichloropropane	8.187	76	215077	10.61	ppb		98
66) Tetrachloroethylene	8.089	166	331649	14.56	ppb		97
67) 2-Hexanone	8.229	43	52684	10.30	ppb		97
68) n-Butyl Actetate	8.315	43	141318	9.98	ppb		97
69) Dibromochloromethane	8.431	129	113107	10.83	ppb		99
70) 1,2-Dibromoethane	8.553	107	92845	10.62	ppb		100
71) Chlorobenzene	9.028	112	514304	10.63	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	149597	10.75	ppb		98
73) n-Nonane	9.144	57	107281	11.30	ppb		98
74) Ethyl Benzene	9.101	91	1056883	10.61	ppb		100
75) p- & m-Xylenes	9.223	91	1593519	21.42	ppb		100
76) o-Xylene	9.662	91	758989	10.85	ppb		100
77) Styrene	9.686	104	562246	11.06	ppb		100
78) Bromoform	9.961	173	47576	10.61	ppb		99
80) Isopropylbenzene	10.040	105	957840	10.40	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	101332	9.66	ppb		98
83) Bromobenzene	10.436	77	302991	9.93	ppb		98
84) trans-1,4-Dichloro-2-b...	10.516	75	113671	9.99	ppb		99
85) 1,2,3-Trichloropropane	10.516	110	27674	10.21	ppb		99
86) n-Propylbenzene	10.497	91	1150148	10.38	ppb		100
87) n-Decane	10.607	57	84820	10.22	ppb		97
88) p-Ethyltoluene	10.619	105	864670	10.14	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	682412	10.50	ppb		99
90) 2-Chlorotoluene	10.625	91	695201	10.23	ppb		100
91) 4-Chlorotoluene	10.747	91	601083	10.24	ppb		100
92) tert-Butylbenzene	11.046	119	570118	10.70	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	634895	10.40	ppb		100
94) sec-Butylbenzene	11.290	105	819147	10.73	ppb		99
95) Limonene	11.375	68	205224	10.53	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	273932	9.94	ppb		98
97) p-Isopropyltoluene	11.448	119	646186	10.73	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	265511	9.87	ppb		97
99) 1,2,3-Trimethylbenzene	11.601	105	580986	10.34	ppb		100
100) p-Diethylbenzene	11.887	105	317191	10.55	ppb		98
101) trans-Decahydronapthalene	11.881	138	77542	10.23	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	216354	9.95	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15895.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:29 am
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 92
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

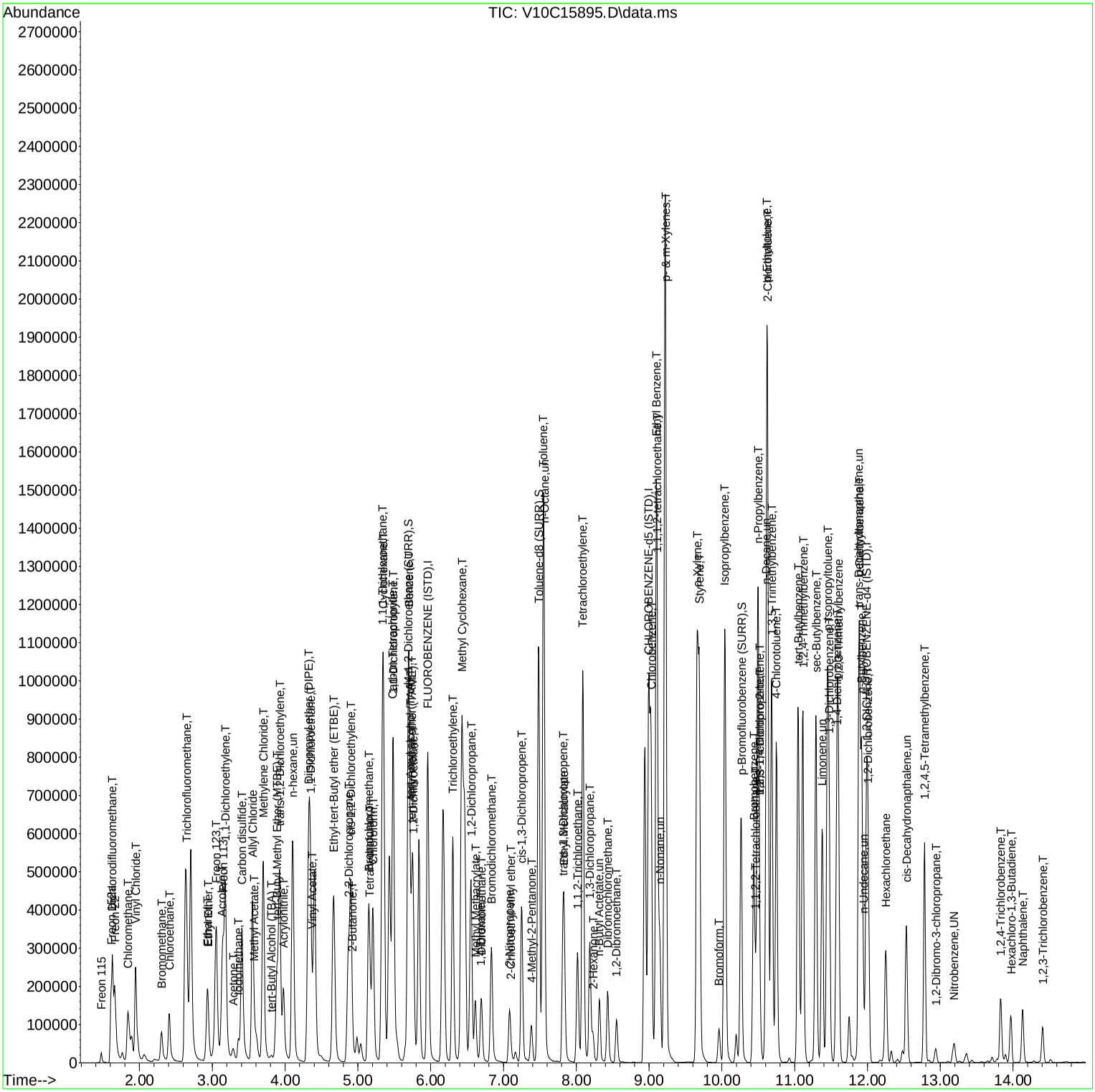
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	639221	10.65	ppb		98
104) Hexachloroethane	12.253	119	80703	10.48	ppb		94
105) n-Undecane	11.942	71	29855	7.13	ppb		94
106) cis-Decahydronapthalene	12.533	138	56909	10.76	ppb	#	97
107) 1,2-Dibromo-3-chloropr...	12.936	75	11641	10.92	ppb		95
108) 1,2,4,5-Tetramethylben...	12.783	119	361079	10.84	ppb		99
109) Nitrobenzene	13.192	77	29657	102.45	ppb		96
110) 1,2,4-Trichlorobenzene	13.832	180	58510	10.12	ppb		97
111) Hexachloro-1,3-Butadiene	13.972	225	28244	9.92	ppb		96
112) Naphthalene	14.131	128	128777	11.90	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	31719	11.25	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15895.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:29 am
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 92
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.86	0.9481375	0.9344005		-1.4	20	
1,1,1-Trichloroethane	A	10.0	10.4	2.723709	2.837567	0.1	4.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.10	0.54115	0.4923665	0.3	-9.0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.64	1.722982	1.660476	0.1	-3.6	20	
1,1,2-Trichloroethane	A	10.0	9.45	0.6852715	0.6474925	0.1	-5.5	20	
1,1-Dichloroethane	A	10.0	9.89	3.905431	3.861921	0.2	-1.1	20	
1,1-Dichloroethylene	A	10.0	9.80	3.179474	3.117172	0.1	-2.0	20	
1,2,3-Trichlorobenzene	A	10.0	10.0	0.1454233	0.1455327		0.08	20	
1,2,3-Trichloropropane	A	10.0	9.07	0.1397771	0.1268036		-9.3	20	
1,2,4-Trichlorobenzene	A	10.0	9.31	0.2980927	0.2775529	0.2	-6.9	20	
1,2,4-Trimethylbenzene	A	10.0	9.68	3.147818	3.047778		-3.2	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.51	5.499377E-02	5.231643E-02	0.05	-4.9	20	
1,2-Dibromoethane	A	10.0	9.47	0.5960318	0.5642245	0.1	-5.3	20	
1,2-Dichlorobenzene	A	10.0	9.18	1.121546	1.029406	0.4	-8.2	20	
1,2-Dichloroethane	A	10.0	10.1	1.756381	1.771691	0.1	0.9	20	
1,2-Dichloropropane	A	10.0	9.29	1.500576	1.394626	0.1	-7.1	20	
1,3,5-Trimethylbenzene	A	10.0	9.72	3.351034	3.256309		-2.8	20	
1,3-Dichlorobenzene	A	10.0	9.19	1.420848	1.305209	0.6	-8.1	20	
1,4-Dichlorobenzene	A	10.0	9.20	1.387093	1.275669	0.5	-8.0	20	
2-Butanone	A	10.0	11.3	9.368831E-02	0.1062314	0.1	13.4	20	
2-Hexanone	A	10.0	8.66	0.34855	0.3018466	0.1	-13.4	20	
4-Methyl-2-pentanone	A	10.0	8.46	0.5336699	0.4514181	0.1	-15.4	20	
Acetone	A	10.0	12.0	0.1177011	0.1109813	0.1	20.4	20	*
Acrolein	A	40.0	34.6	0.1247131	0.1080004		-13.4	20	
Acrylonitrile	A	50.0	45.9	0.3093702	0.283858		-8.2	20	
Benzene	A	10.0	10.2	8.337071	8.50583	0.5	2.0	20	
Bromochloromethane	A	10.0	9.50	1.384085	1.315453		-5.0	20	
Bromodichloromethane	A	10.0	9.80	1.470659	1.440731	0.2	-2.0	20	
Bromoform	A	10.0	9.47	0.3056808	0.2894653	0.1	-5.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	10.6	0.5778351	0.7019798	0.1	5.8	20	
Carbon disulfide	A	10.0	9.04	5.845322	5.283985	0.1	-9.6	20	
Carbon tetrachloride	A	10.0	10.4	2.212746	2.293776	0.1	3.7	20	
Chlorobenzene	A	10.0	9.78	3.296422	3.22364	0.5	-2.2	20	
Chloroethane	A	10.0	8.96	1.295651	1.160515	0.1	-10.4	20	
Chloroform	A	10.0	10.3	3.168682	3.252828	0.2	2.7	20	
Chloromethane	A	10.0	7.18	2.419949	1.737702	0.1	-28.2	20	*
cis-1,2-Dichloroethylene	A	10.0	11.9	3.175337	3.769647	0.1	18.7	20	
cis-1,3-Dichloropropylene	A	10.0	9.82	1.842461	1.809053	0.2	-1.8	20	
Cyclohexane	A	10.0	9.25	4.491063	4.152621	0.1	-7.5	20	
Dibromochloromethane	A	10.0	9.86	0.7116503	0.7020193	0.1	-1.4	20	
Dibromomethane	A	10.0	9.50	0.4765158	0.4526669		-5.0	20	
Dichlorodifluoromethane	A	10.0	5.04	2.234192	1.125416	0.1	-49.6	20	*
Ethyl Benzene	A	10.0	9.79	6.787269	6.647453	0.1	-2.1	20	
Hexachlorobutadiene	A	10.0	9.07	0.1468223	0.1331588		-9.3	20	
Isopropylbenzene	A	10.0	9.68	4.747432	4.593899	0.1	-3.2	20	
Methyl acetate	A	10.0	8.54	0.7331099	0.6262532	0.1	-14.6	20	
Methyl tert-butyl ether (MTBE)	A	10.0	9.18	3.099931	2.8444	0.1	-8.2	20	
Methylcyclohexane	A	10.0	9.57	2.857829	2.734547	0.1	-4.3	20	
Methylene chloride	A	10.0	10.5	4.920238	3.002268	0.1	5.1	20	
n-Butylbenzene	A	10.0	9.74	3.095706	3.016121		-2.6	20	
n-Propylbenzene	A	10.0	9.64	5.712751	5.50827		-3.6	20	
o-Xylene	A	10.0	9.87	4.768717	4.708197	0.3	-1.3	20	
p- & m- Xylenes	A	20.0	19.7	5.070616	4.993487	0.1	-1.5	20	
p-Isopropyltoluene	A	10.0	9.71	3.106092	3.016442		-2.9	20	
sec-Butylbenzene	A	10.0	9.76	3.936305	3.841948		-2.4	20	
Styrene	A	10.0	10.0	3.463064	3.479296	0.3	0.5	20	
tert-Butyl alcohol (TBA)	A	50.0	34.4	6.970394E-02	4.384356E-02		-31.1	20	*
tert-Butylbenzene	A	10.0	9.70	2.748696	2.667057		-3.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.	SDG:	25I1726
Client:	Hydro Tech Environmental	Project:	230051-170 Freemont St. Brooklyn
Instrument ID:	VOA No. 10	Calibration:	SI50025
Lab File ID:	V10C15972.D	Calibration Date:	09/16/25 10:20
Sequence:	S5J0206	Injection Date:	10/01/25
Lab Sample ID:	S5J0206-CCV1	Injection Time:	19:40

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloroethylene	A	10.0	11.7	1.551815	1.820053	0.2	17.3	20
Toluene	A	10.0	9.82	6.183806	6.070183	0.4	-1.8	20
trans-1,2-Dichloroethylene	A	10.0	9.88	3.092459	3.053875	0.1	-1.2	20
trans-1,3-Dichloropropylene	A	10.0	9.61	1.339456	1.286868	0.1	-3.9	20
trans-1,4-dichloro-2-butene	A	10.0	8.82	0.5865822	0.517632		-11.8	20
Trichloroethylene	A	10.0	10.0	1.462171	1.465121	0.2	0.2	20
Trichlorofluoromethane	A	10.0	9.45	2.74196	2.590794	0.1	-5.5	20
Vinyl Chloride	A	10.0	8.05	2.812603	2.264245	0.1	-19.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : V10C15972.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 7:40 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 69
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:31 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	102738	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	150550	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	193228	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	175066	9.85	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.50%				
59) Toluene-d8 (SURR)	7.479	98	878785	9.88	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.80%				
81) p-Bromofluorobenzene (...	10.259	95	286568	10.02	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.20%				
Target Compounds							Qvalue
2) Freon 115	1.475	85	1634	0.81	ppb		96
3) Freon 152a	1.604	51	135701	6.62	ppb		99
4) Dichlorodifluoromethane	1.628	85	115623	5.04	ppb		100
5) Freon 22	1.657	51	199528	7.55	ppb		94
6) Chloromethane	1.834	50	178528	7.18	ppb		99
7) Vinyl Chloride	1.944	62	232624	8.05	ppb		100
8) Bromomethane	2.304	94	72120	10.58	ppb		99
9) Chloroethane	2.407	64	119229	8.96	ppb		99
10) Trichlorofluoromethane	2.645	101	266173	9.45	ppb		99
11) Ethyl Ether	2.932	59	114855	9.27	ppb		96
12) Ethanol	2.932	45	127853	355.60	ppb		97
13) Freon 123	3.053	83	284571	10.28	ppb		99
14) 1,1-Dichloroethylene	3.182	61	320252	9.80	ppb		99
15) Freon 113	3.145	101	170594	9.64	ppb		96
16) Acrolein	3.133	56	44383	34.64	ppb		100
17) Acetone	3.279	58	11402	12.04	ppb		89
18) Iodomethane	3.364	142	98955	6.86	ppb		96
19) Carbon disulfide	3.401	76	542866	9.04	ppb		99
20) Allyl Chloride	3.547	41	323652	8.49	ppb		93
21) Methyl Acetate	3.578	43	64340	8.54	ppb		97
22) tert-Butyl Alcohol (TBA)	3.809	59	22522	34.44	ppb	#	91
23) Methylene Chloride	3.700	49	308447	10.51	ppb		98
24) Acrylonitrile	3.974	53	145815	45.88	ppb		99
25) trans-1,2-Dichloroethy...	3.925	61	313749	9.88	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	292228	9.18	ppb		99
27) n-hexane	4.102	57	382589	9.54	ppb		98
28) 1,1-Dichloroethane	4.346	63	396766	9.89	ppb		100
29) Vinyl Acetate	4.370	86	19465	9.84	ppb		77
30) Diisopropyl ether (DIPE)	4.322	45	609125	9.23	ppb		96
31) Ethyl-tert-Butyl ether...	4.663	59	458394	9.67	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	387286	11.87	ppb		97
33) 2-Butanone	4.925	72	10914	11.34	ppb		79
34) 2,2-Dichloropropane	4.870	77	262725	9.45	ppb		94
35) Tetrahydrofuran	5.163	71	41047	49.21	ppb		90
36) Bromochloromethane	5.145	49	135147	9.50	ppb		97
37) Chloroform	5.205	83	334189	10.27	ppb		100
38) 1,1,1-Trichloroethane	5.334	97	291526	10.42	ppb		98
39) Cyclohexane	5.346	56	426632	9.25	ppb		96
40) 1,1-Dichloropropylene	5.486	75	320954	10.35	ppb		99
42) Carbon Tetrachloride	5.480	117	235658	10.37	ppb		100
43) tert-Amyl alcohol (TAA)	5.718	59	32537	45.99	ppb		85

Data File : V10C15972.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 7:40 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 69
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:31 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 1,2-Dichloroethane	5.760	62	182020	10.09	ppb		100
45) Benzene	5.699	78	873872	10.20	ppb		99
46) tert-Amyl methyl ether...	5.742	73	385544	9.74	ppb		99
48) Trichloroethylene	6.303	95	220574	10.02	ppb		98
49) Methyl Cyclohexane	6.425	83	411686	9.57	ppb		96
50) Methyl Methacrylate	6.614	69	63890	9.29	ppb		96
51) Dibromomethane	6.693	93	68149	9.50	ppb		96
52) Bromodichloromethane	6.833	83	216902	9.80	ppb		100
53) 1,2-Dichloropropane	6.553	63	209961	9.29	ppb		98
54) 1,4-Dioxane	6.687	88	18661	230.20	ppb		95
55) 2-Nitropropane	7.083	43	110267	46.59	ppb		99
56) 2-Chloroethyl vinyl ether	7.101	63	423	1.93	ppb	#	68
57) cis-1,3-Dichloropropene	7.248	75	272353	9.82	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	67961	8.46	ppb	#	95
60) Toluene	7.547	91	913866	9.82	ppb		100
61) n-Octane	7.553	85	110076	9.48	ppb		97
62) Ethyl Methacrylate	7.833	69	136921	9.44	ppb		95
63) trans-1,3-Dichloropropene	7.815	75	193738	9.61	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	97480	9.45	ppb		99
65) 1,3-Dichloropropane	8.187	76	197185	9.49	ppb		97
66) Tetrachloroethylene	8.089	166	274009	11.73	ppb		97
67) 2-Hexanone	8.229	43	45443	8.66	ppb		98
68) n-Butyl Actetate	8.315	43	126669	8.72	ppb		98
69) Dibromochloromethane	8.430	129	105689	9.86	ppb		98
70) 1,2-Dibromoethane	8.552	107	84944	9.47	ppb		99
71) Chlorobenzene	9.022	112	485319	9.78	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	140674	9.86	ppb		98
73) n-Nonane	9.144	57	107975	11.11	ppb		98
74) Ethyl Benzene	9.101	91	1000774	9.79	ppb		100
75) p- & m-Xylenes	9.223	91	1503539	19.70	ppb		100
76) o-Xylene	9.662	91	708819	9.87	ppb		100
77) Styrene	9.686	104	523808	10.05	ppb		99
78) Bromoform	9.961	173	43579	9.47	ppb		98
80) Isopropylbenzene	10.040	105	887670	9.68	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	95139	9.10	ppb		98
83) Bromobenzene	10.436	77	280031	9.21	ppb		98
84) trans-1,4-Dichloro-2-b...	10.515	75	100021	8.82	ppb		98
85) 1,2,3-Trichloropropane	10.515	110	24502	9.07	ppb		99
86) n-Propylbenzene	10.497	91	1064352	9.64	ppb		100
87) n-Decane	10.601	57	85734	10.33	ppb		98
88) p-Ethyltoluene	10.619	105	817053	9.62	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	629210	9.72	ppb		99
90) 2-Chlorotoluene	10.625	91	646042	9.54	ppb		100
91) 4-Chlorotoluene	10.747	91	557449	9.53	ppb		100
92) tert-Butylbenzene	11.046	119	515350	9.70	ppb		99
93) 1,2,4-Trimethylbenzene	11.107	105	588916	9.68	ppb		100
94) sec-Butylbenzene	11.290	105	742372	9.76	ppb		99
95) Limonene	11.375	68	181257	9.33	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	252203	9.19	ppb		98
97) p-Isopropyltoluene	11.448	119	582861	9.71	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	246495	9.20	ppb		97
99) 1,2,3-Trimethylbenzene	11.595	105	548158	9.79	ppb		100
100) p-Diethylbenzene	11.887	105	294241	9.82	ppb		99
101) trans-Decahydronapthalene	11.881	138	69753	9.23	ppb		97
102) 1,2-Dichlorobenzene	12.009	146	198910	9.18	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15972.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 7:40 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 69
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:31 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

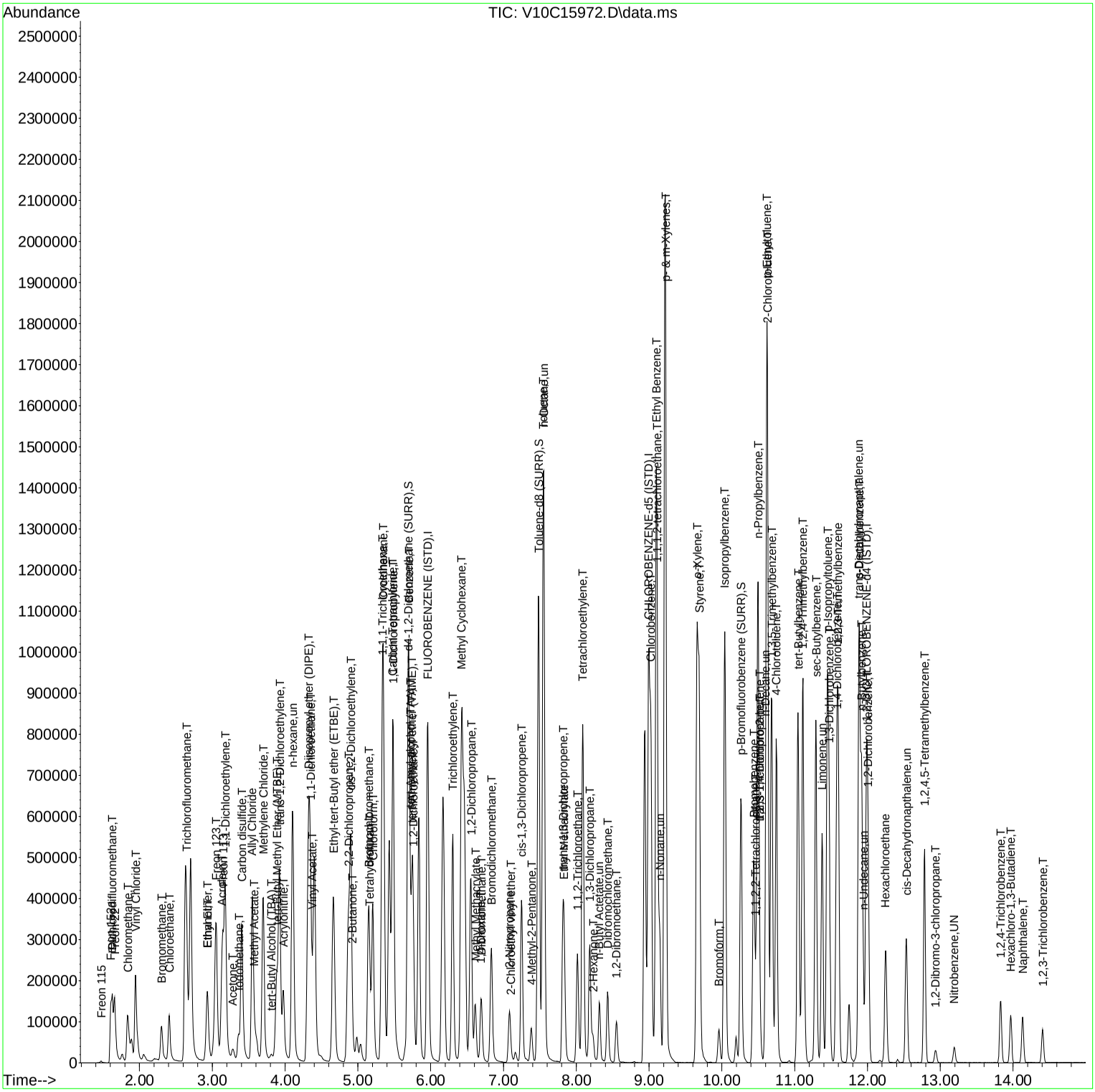
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
103) n-Butylbenzene	11.918	91	582799	9.74	ppb		99
104) Hexachloroethane	12.247	119	72656	9.47	ppb		96
105) n-Undecane	11.942	71	31167	7.41	ppb		92
106) cis-Decahydronapthalene	12.533	138	50171	9.52	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.930	75	10109	9.51	ppb		95
108) 1,2,4,5-Tetramethylben...	12.783	119	340348	10.25	ppb		99
109) Nitrobenzene	13.192	77	24464	85.90	ppb		96
110) 1,2,4-Trichlorobenzene	13.832	180	53631	9.31	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	25730	9.07	ppb		95
112) Naphthalene	14.131	128	101238	9.39	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	28121	10.01	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15972.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 7:40 pm
Operator : PMB
Sample : SEQ-CCV1
Misc : 8260 Multiplr: 1.00
ALS Vial : 69
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

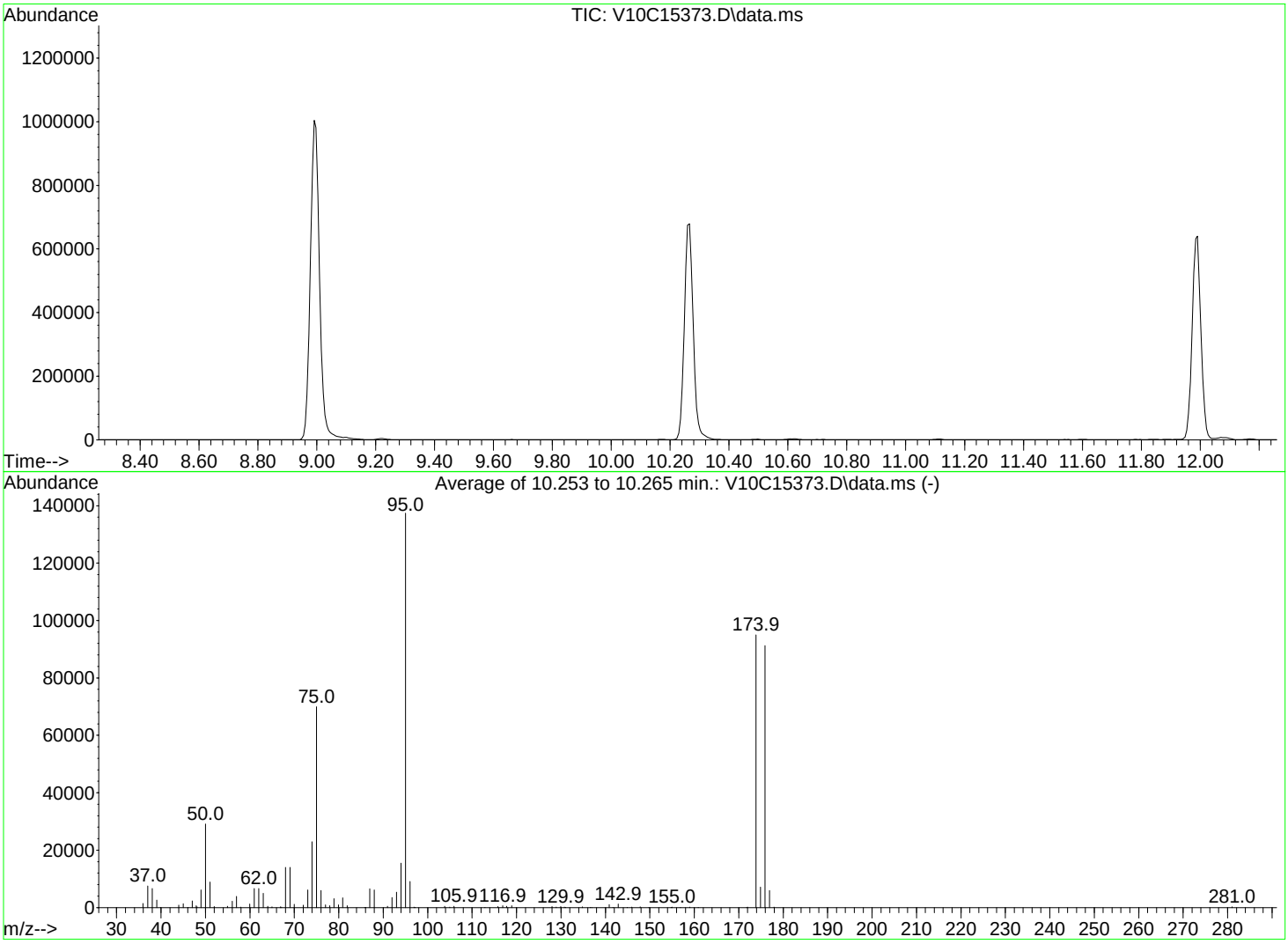
Quant Time: Oct 02 07:47:31 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V10-09-16-2025\
Data File : V10C15373.D
Acq On : 16 Sep 2025 4:39 pm
Operator : PMB
Sample : SEQ-TUN1
Misc : 8260 CAL
ALS Vial : 92 Sample Multiplier: 1
InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Sep 17 09:30:01 2025



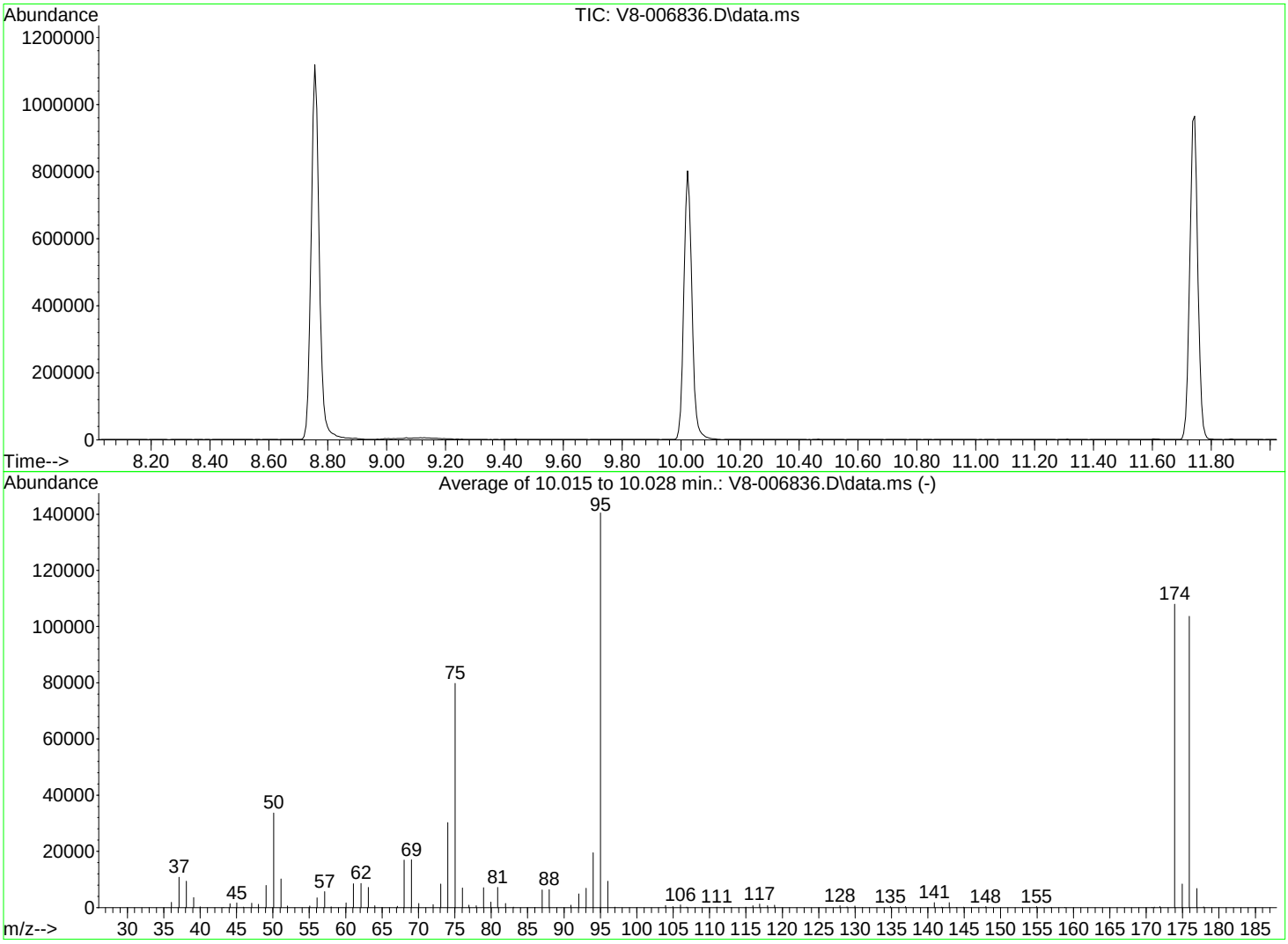
AutoFind: Scans 1491, 1492, 1493; Background Corrected with Scan 1482

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.2	29091	PASS
75	95	30	60	50.9	69992	PASS
95	95	100	100	100.0	137448	PASS
96	95	5	9	6.6	9111	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.1	94984	PASS
175	174	5	9	7.5	7133	PASS
176	174	95	101	96.1	91269	PASS
177	176	5	9	6.5	5917	PASS

Data Path : C:\msdchem\1\data\V8-09-17-25\
Data File : V8-006836.D
Acq On : 17 Sep 2025 5:13 pm
InstName : VOA No. 8
Operator : PMB
Sample : SEQ-TUN1 Inst : VOA No. 8
Misc : 8260 CAL
ALS Vial : 24 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Thu Sep 18 10:14:50 2025



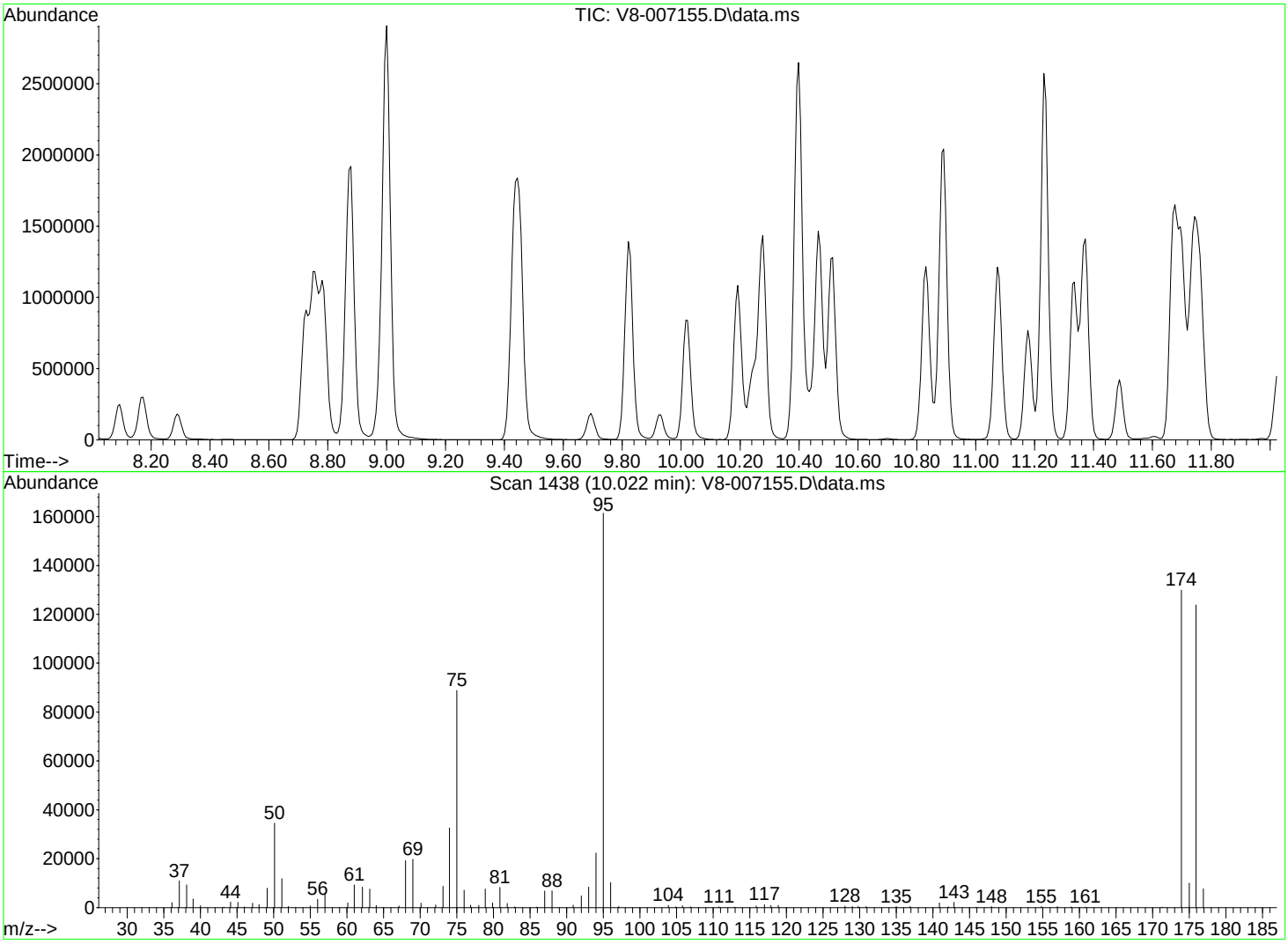
Spectrum Information: Average of 10.015 to 10.028 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.0	33659	PASS
75	95	30	60	56.8	79800	PASS
95	95	100	100	100.0	140416	PASS
96	95	5	9	6.7	9394	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.9	107997	PASS
175	174	5	9	7.8	8375	PASS
176	174	95	101	96.0	103637	PASS
177	176	5	9	6.6	6801	PASS

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007155.D
Acq On : 29 Sep 2025 1:00 pm
InstName : VOA No. 8
Operator : PMB
Sample : SEQ-TUN1 Inst : VOA No. 8
Misc : 8260
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Fri Sep 19 12:19:13 2025



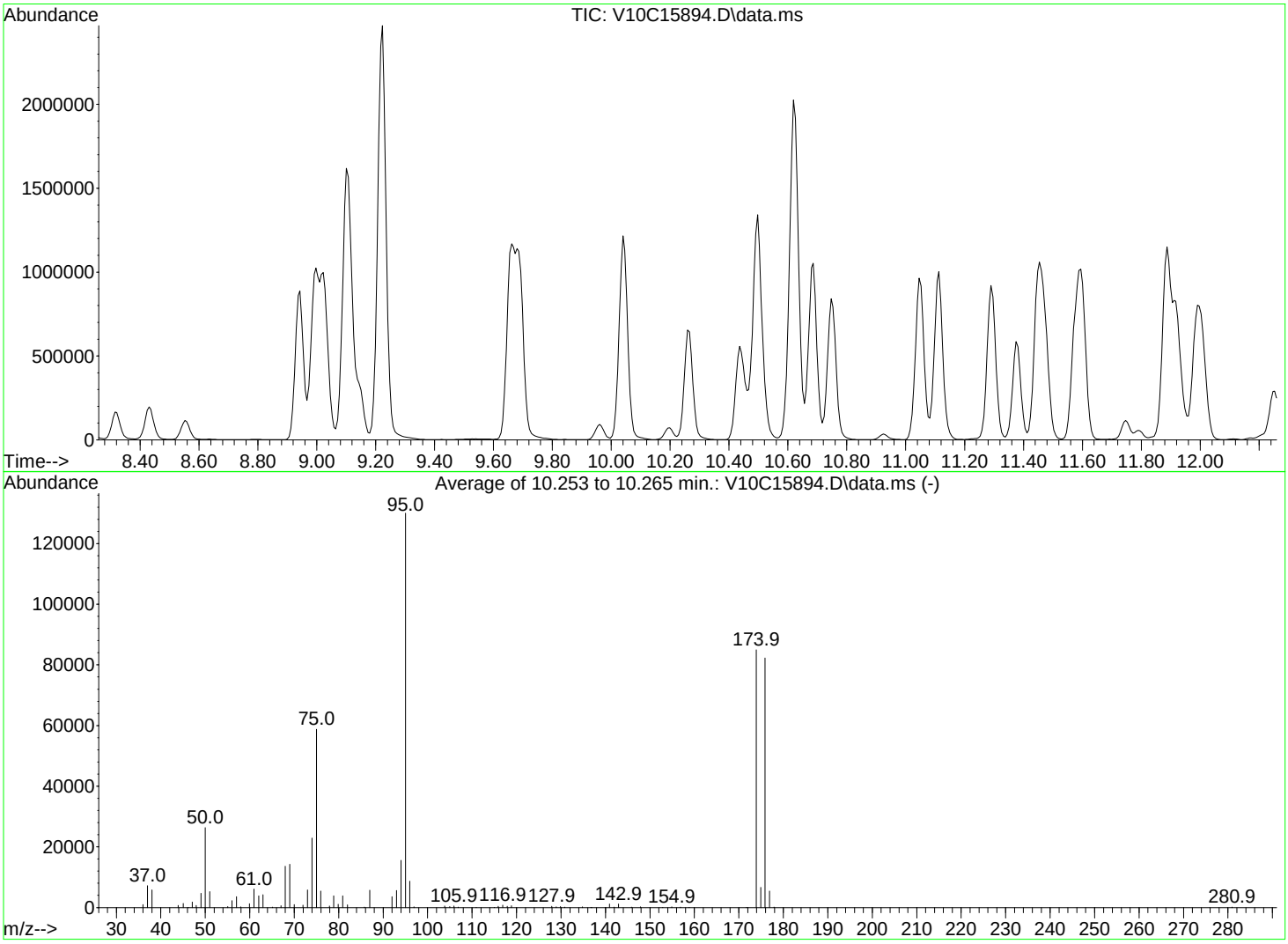
Spectrum Information: Scan 1438

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	34504	PASS
75	95	30	60	55.0	88848	PASS
95	95	100	100	100.0	161472	PASS
96	95	5	9	6.3	10199	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.5	129976	PASS
175	174	5	9	7.7	9946	PASS
176	174	95	101	95.3	123864	PASS
177	176	5	9	6.2	7687	PASS

Data Path : C:\msdchem\1\data\V10-09-29-2025\
Data File : V10C15894.D
Acq On : 30 Sep 2025 4:00 am
Operator : PMB
Sample : SEQ-TUN1
Misc : 8260
ALS Vial : 91 Sample Multiplier: 1
InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Sep 17 09:30:01 2025



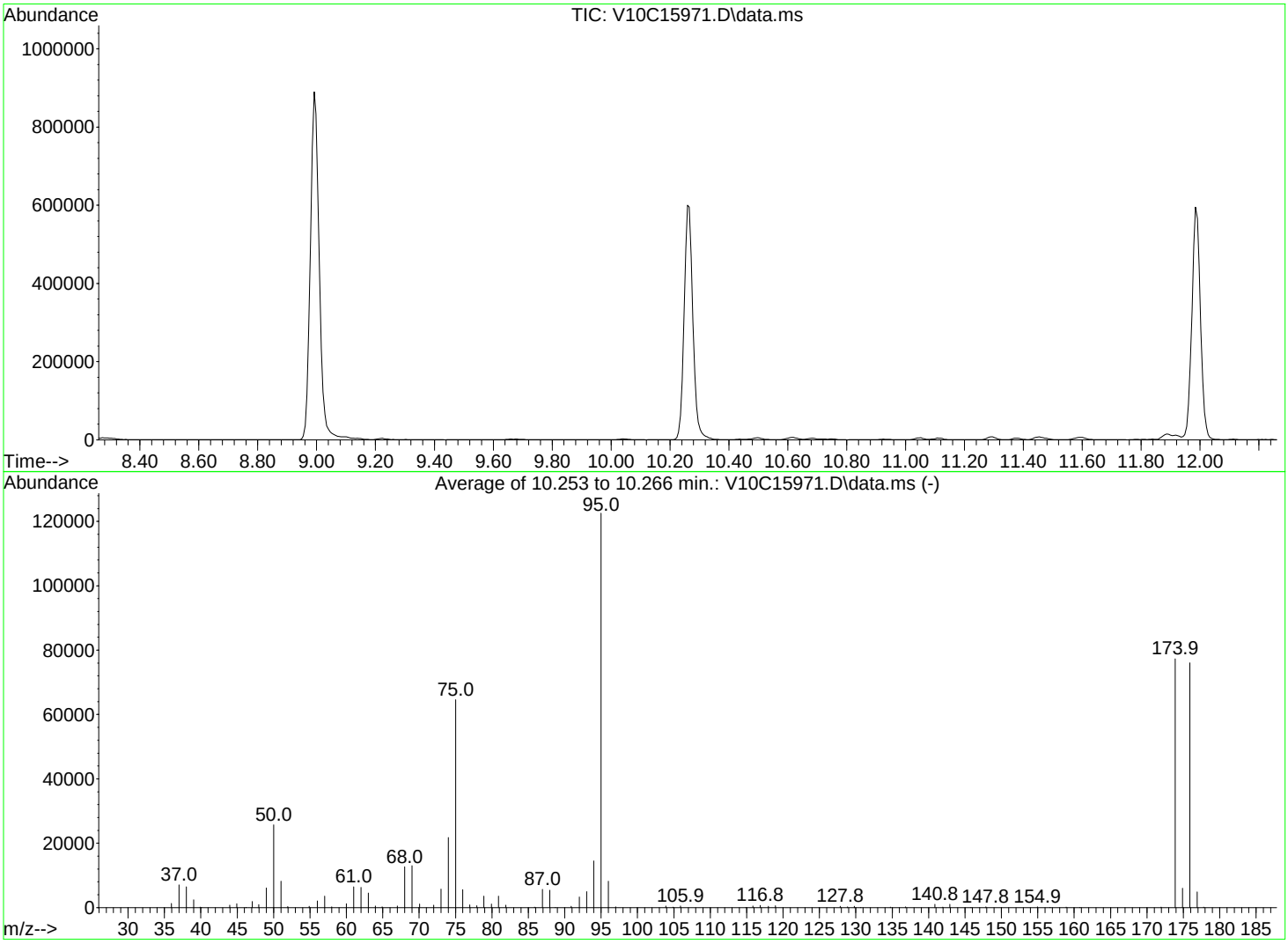
AutoFind: Scans 1491, 1492, 1493; Background Corrected with Scan 1482

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	26353	PASS
75	95	30	60	45.2	58763	PASS
95	95	100	100	100.0	130067	PASS
96	95	5	9	6.7	8666	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.3	84947	PASS
175	174	5	9	7.9	6692	PASS
176	174	95	101	96.8	82269	PASS
177	176	5	9	6.6	5468	PASS

Data Path : C:\msdchem\1\data\V10-10-01-2025\
Data File : V10C15971.D
Acq On : 1 Oct 2025 7:11 pm
Operator : PMB
Sample : SEQ-TUN1
Misc : 8260
ALS Vial : 68 Sample Multiplier: 1
InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Sep 17 09:30:01 2025



AutoFind: Scans 1491, 1492, 1493; Background Corrected with Scan 1482

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.9	25683	PASS
75	95	30	60	52.7	64627	PASS
95	95	100	100	100.0	122621	PASS
96	95	5	9	6.7	8211	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	63.0	77264	PASS
175	174	5	9	7.8	6045	PASS
176	174	95	101	98.5	76109	PASS
177	176	5	9	6.4	4880	PASS

METHOD BLANK RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.280	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.200	J
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	1.42	J
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.310	J
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.530	
179601-23-1	p- & m- Xylenes	1.46	
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52027-BLK1	File ID:	V8-007161.D
Prepared:	09/29/25 07:19	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/29/25 16:01	Instrument:	VOA No. 8		
Batch:	BI52027	Sequence:	S5I3013	Calibration:	SI50030

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.99	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	9.99	99.9	69 - 130	
SURR: Toluene-d8	10.0	11.6	116	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.4	104	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	91450	5.733	102089	5.727	
ISTD: Chlorobenzene-d5	135365	8.756	169540	8.75	
ISTD: 1,2-Dichlorobenzene-d4	233080	11.737	340168	11.737	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007161.D
Acq On : 29 Sep 2025 4:01 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BLK1
Misc : 8260
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 10:12:32 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

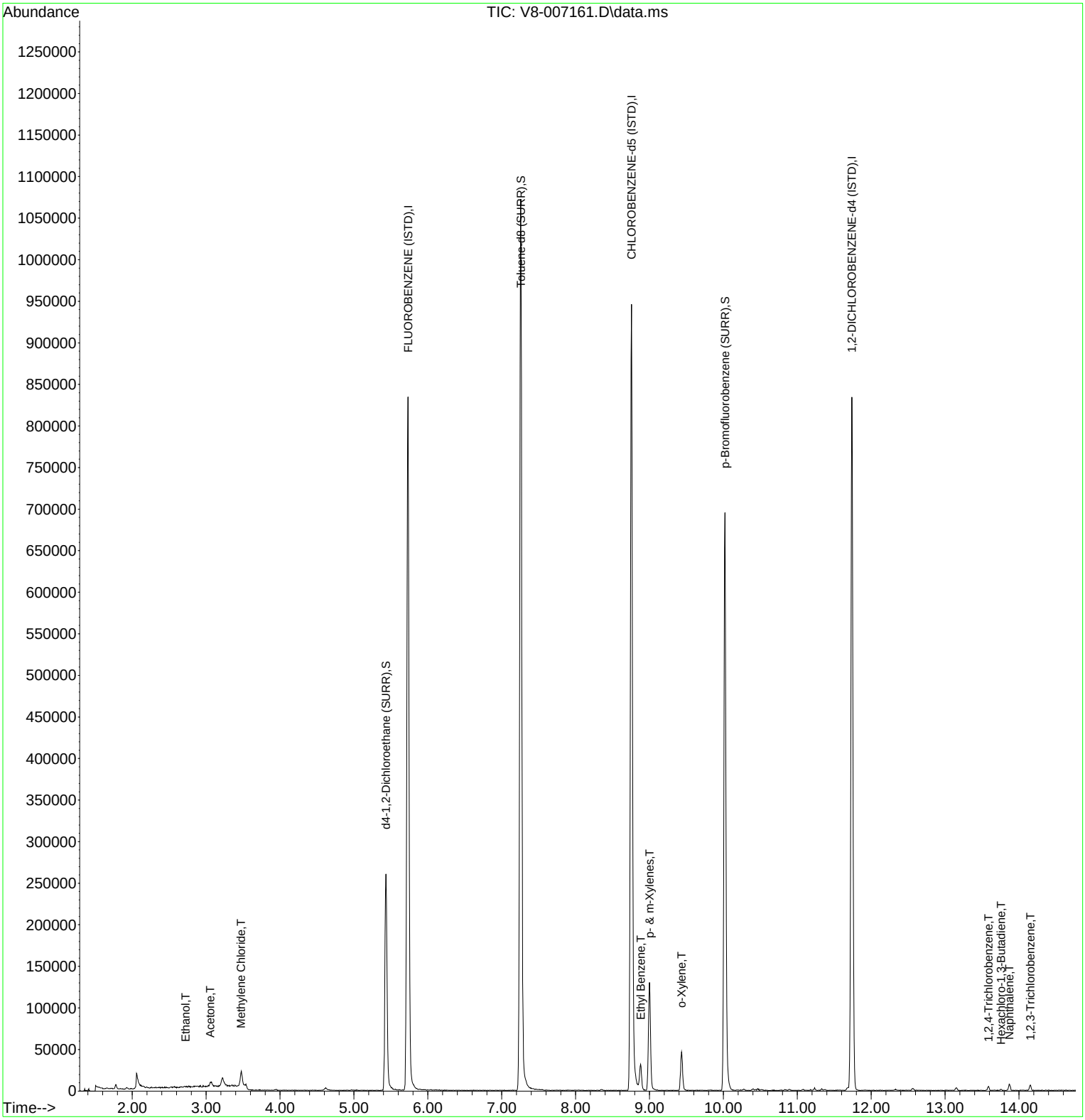
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.733	50	91450	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	135365	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.737	152	233080	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.434	65	186480	9.99	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.90%				
59) Toluene-d8 (SURR)	7.260	98	812258	11.64	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 116.40%				
81) p-Bromofluorobenzene (...	10.021	95	248452	10.43	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 104.30%				
Target Compounds							Qvalue
12) Ethanol	2.721	45	1665	14.16	ppb	#	32
17) Acetone	3.056	58	2241	1.42	ppb		82
23) Methylene Chloride	3.469	49	9102	0.22	ppb		94
74) Ethyl Benzene	8.878	91	23411	0.31	ppb		97
75) p- & m-Xylenes	8.999	91	85605	1.46	ppb		99
76) o-Xylene	9.431	91	30817	0.53	ppb		99
110) 1,2,4-Trichlorobenzene	13.586	180	2013	0.20	ppb		90
111) Hexachloro-1,3-Butadiene	13.757	225	560	0.24	ppb	#	74
112) Naphthalene	13.866	128	7075	0.28	ppb		98
113) 1,2,3-Trichlorobenzene	14.152	180	2247	0.28	ppb		97

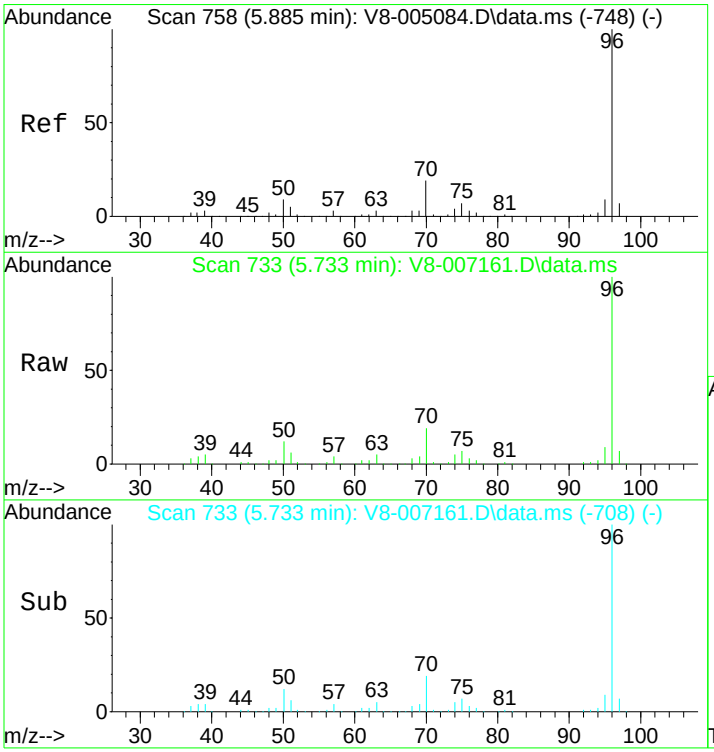
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007161.D
Acq On : 29 Sep 2025 4:01 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BLK1
Misc : 8260
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 10:12:32 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

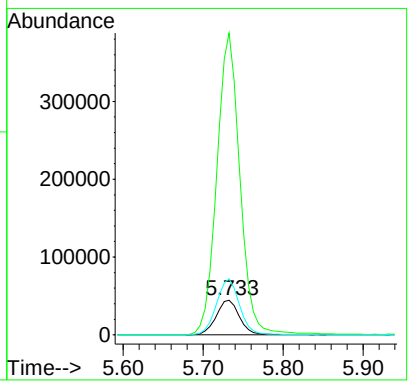


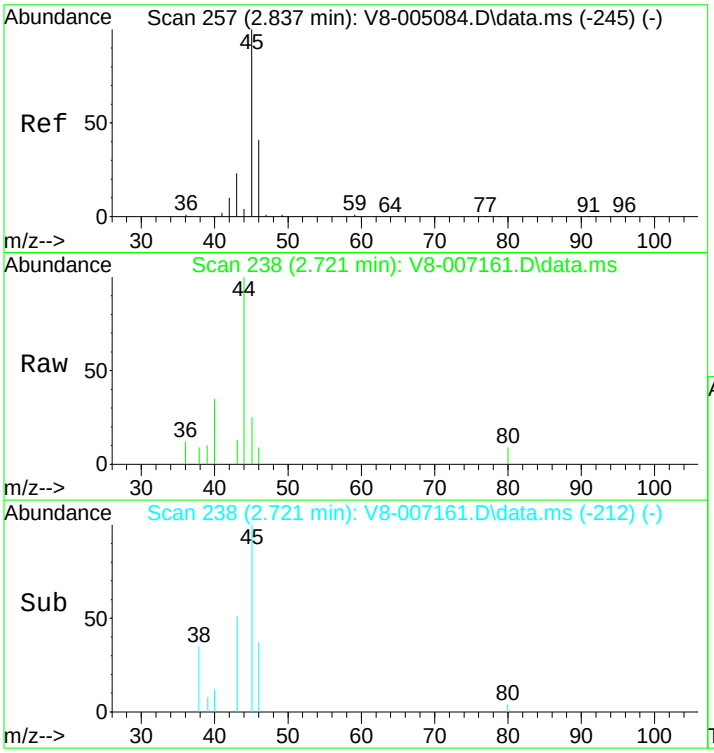


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.733 min Scan# 733
Delta R.T. -0.000 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 50 Resp: 91450

Ion	Ratio	Lower	Upper
50	100		
96	853.4	549.6	1141.6
70	159.7	107.6	223.6

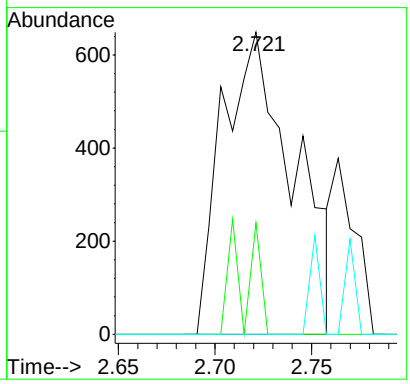


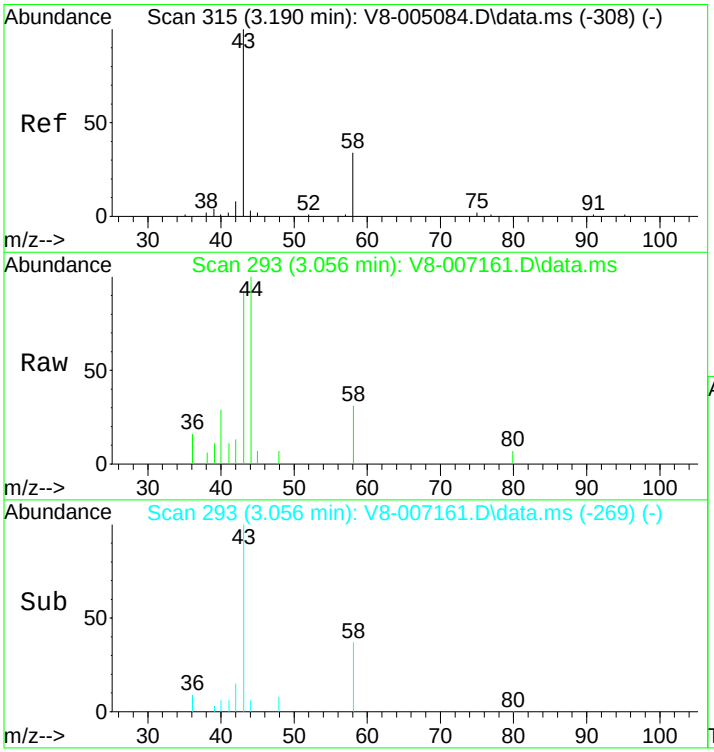


#12
Ethanol
Concen: 14.16 ppb
RT: 2.721 min Scan# 238
Delta R.T. 0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 45 Resp: 1665

Ion	Ratio	Lower	Upper
45	100		
46	10.6	47.6	98.8#
42	4.6	5.5	11.5#

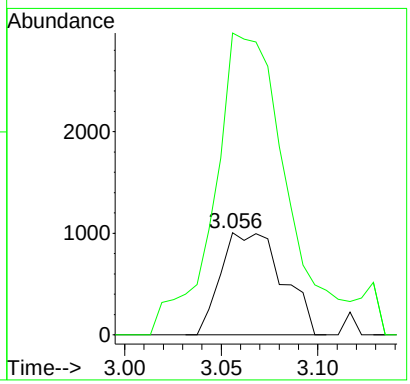


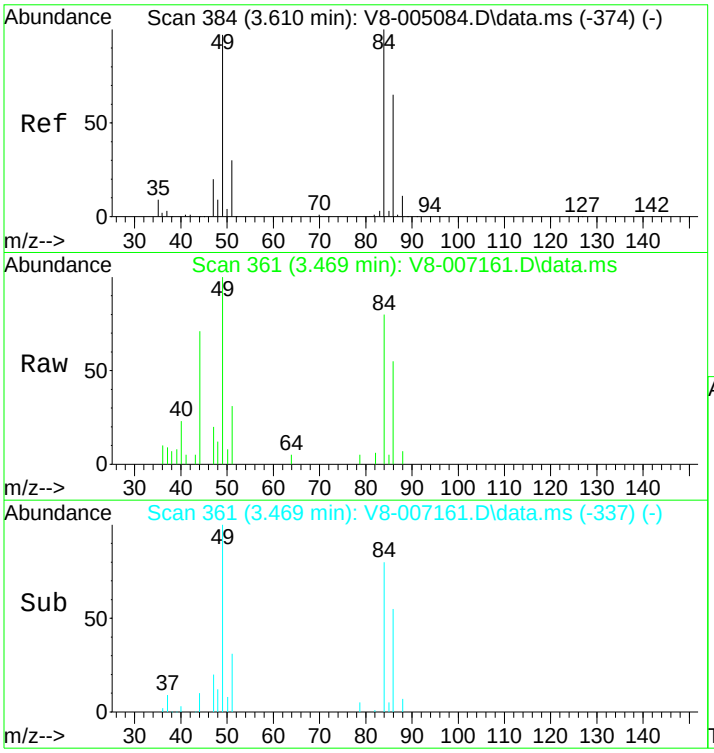


#17
Acetone
Concen: 1.42 ppb
RT: 3.056 min Scan# 293
Delta R.T. -0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 58 Resp: 2241

Ion	Ratio	Lower	Upper
58	100		
43	358.9	209.1	434.3

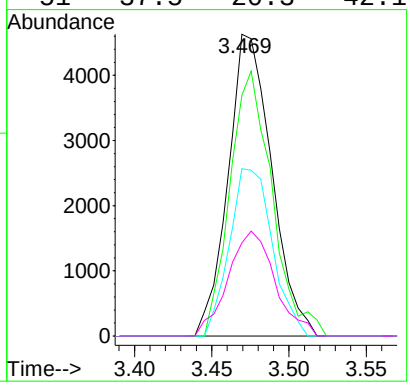


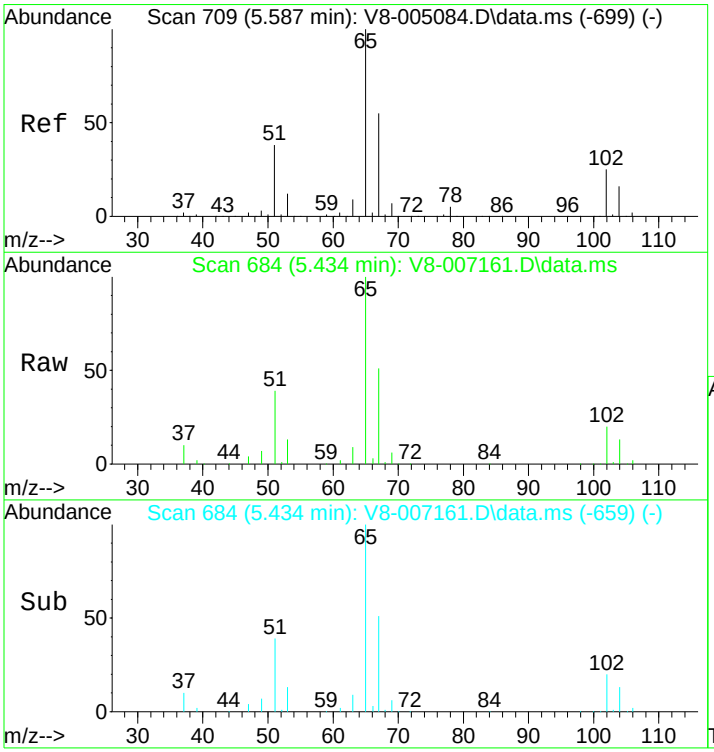


#23
Methylene Chloride
Concen: 0.22 ppb
RT: 3.469 min Scan# 361
Delta R.T. -0.007 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 49 Resp: 9102

Ion	Ratio	Lower	Upper
49	100		
84	84.7	52.1	108.3
86	54.6	33.6	69.8
51	37.5	20.3	42.1

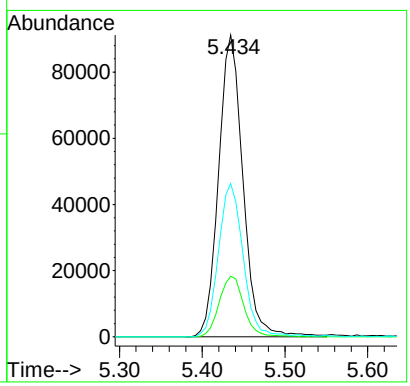


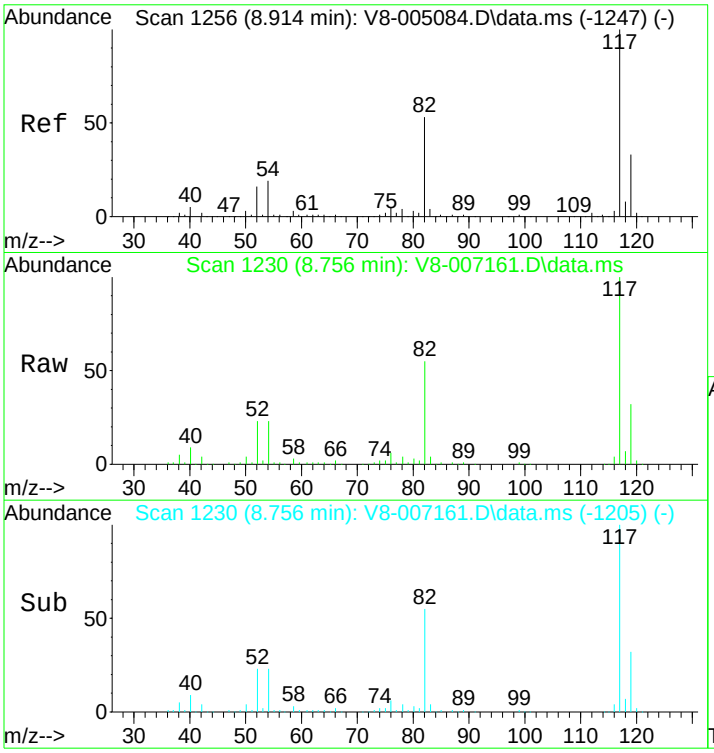


#41
d4-1,2-Dichloroethane (SURR)
Concen: 9.99 ppb
RT: 5.434 min Scan# 684
Delta R.T. -0.001 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 65 Resp: 186480

Ion	Ratio	Lower	Upper
65	100		
102	20.3	12.5	25.9
67	51.5	33.8	70.2

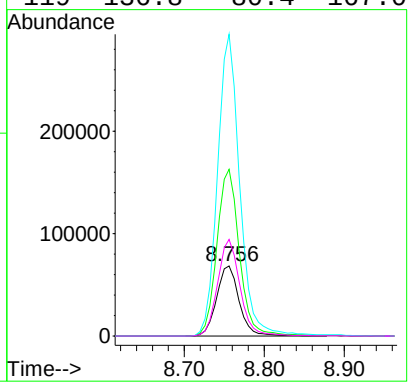


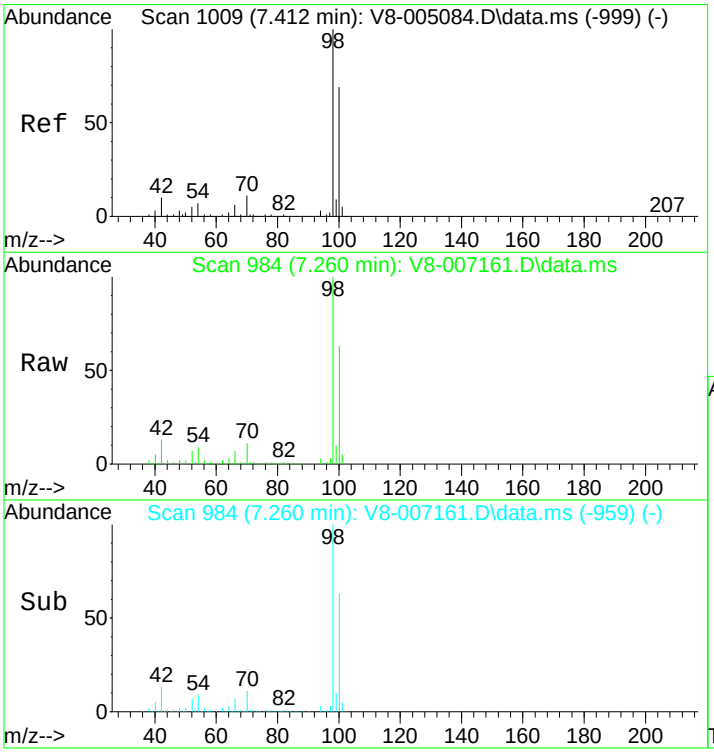


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.756 min Scan# 1230
Delta R.T. 0.000 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 54 Resp: 135365

Ion	Ratio	Lower	Upper
54	100		
82	236.6	145.2	301.6
117	422.1	248.6	516.2
119	136.8	80.4	167.0

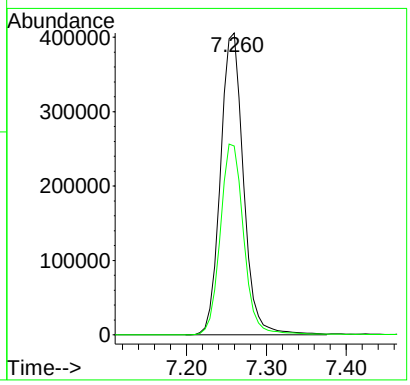


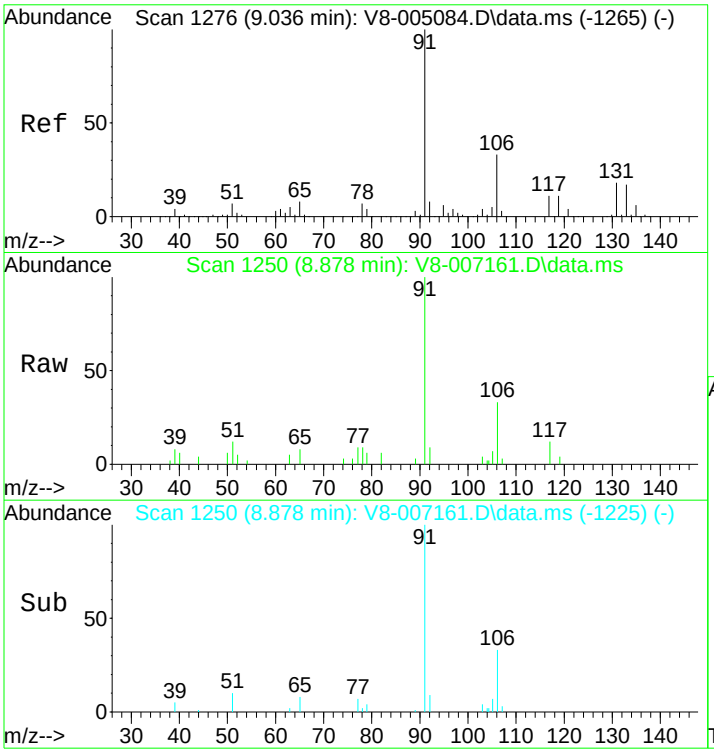


#59
Toluene-d8 (SURR)
Concen: 11.64 ppb
RT: 7.260 min Scan# 984
Delta R.T. -0.000 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 98 Resp: 812258

Ion	Ratio	Lower	Upper
98	100		
100	64.4	41.4	86.0

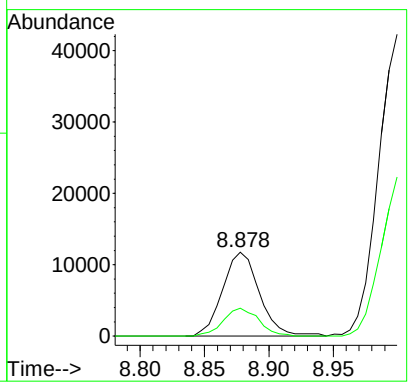


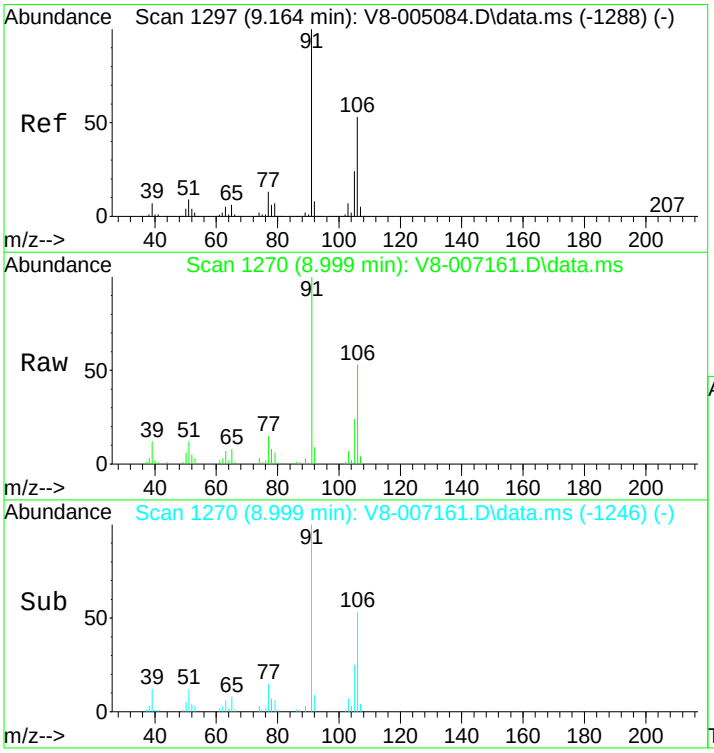


#74
Ethyl Benzene
Concen: 0.31 ppb
RT: 8.878 min Scan# 1250
Delta R.T. -0.000 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 91 Resp: 23411

Ion	Ratio	Lower	Upper
91	100		
106	32.1	19.8	41.2

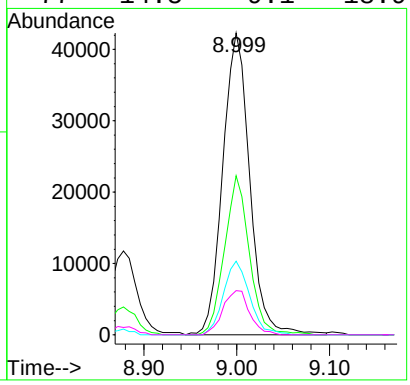


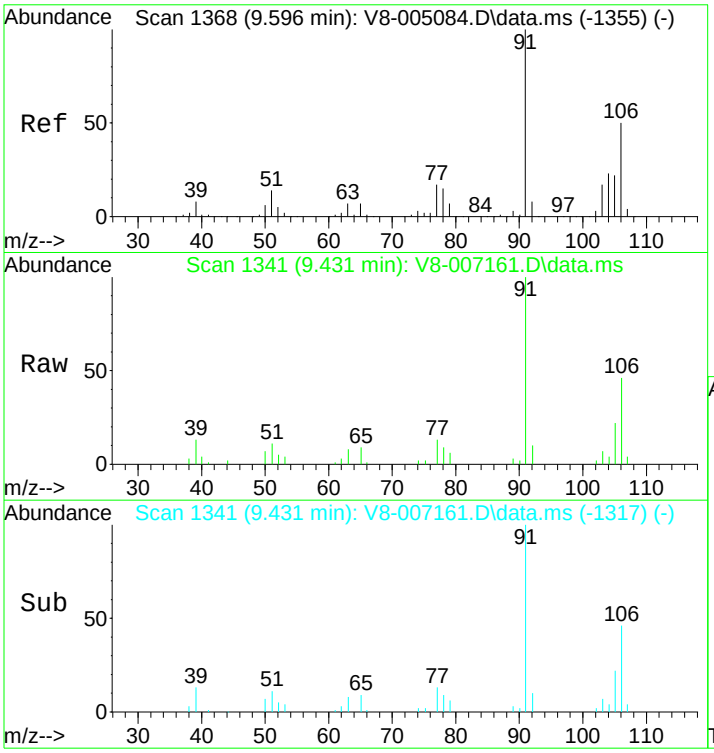


#75
p- & m-Xylenes
Concen: 1.46 ppb
RT: 8.999 min Scan# 1270
Delta R.T. -0.007 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 91 Resp: 85605

Ion	Ratio	Lower	Upper
91	100		
106	48.6	31.8	66.0
105	23.7	14.7	30.5
77	14.5	9.1	18.9

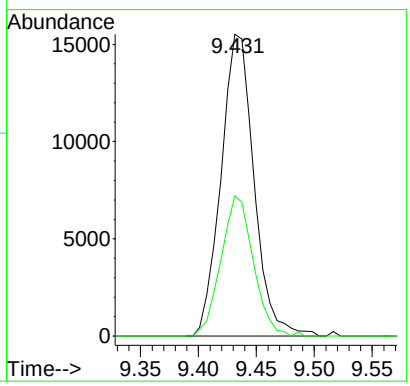


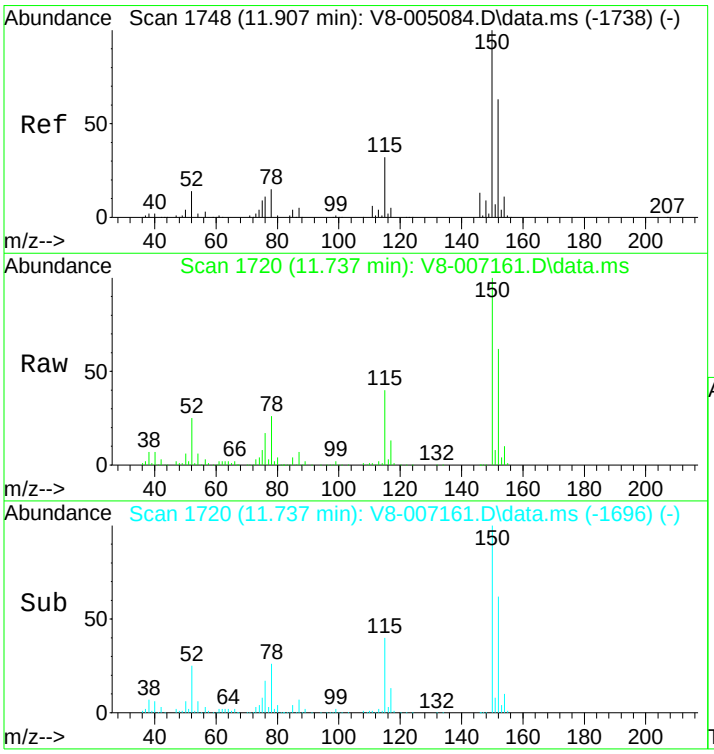


#76
o-Xylene
Concen: 0.53 ppb
RT: 9.431 min Scan# 1341
Delta R.T. -0.007 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 91 Resp: 30817

Ion	Ratio	Lower	Upper
91	100		
106	45.6	29.9	62.1

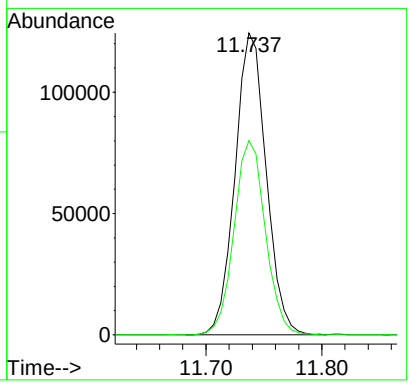


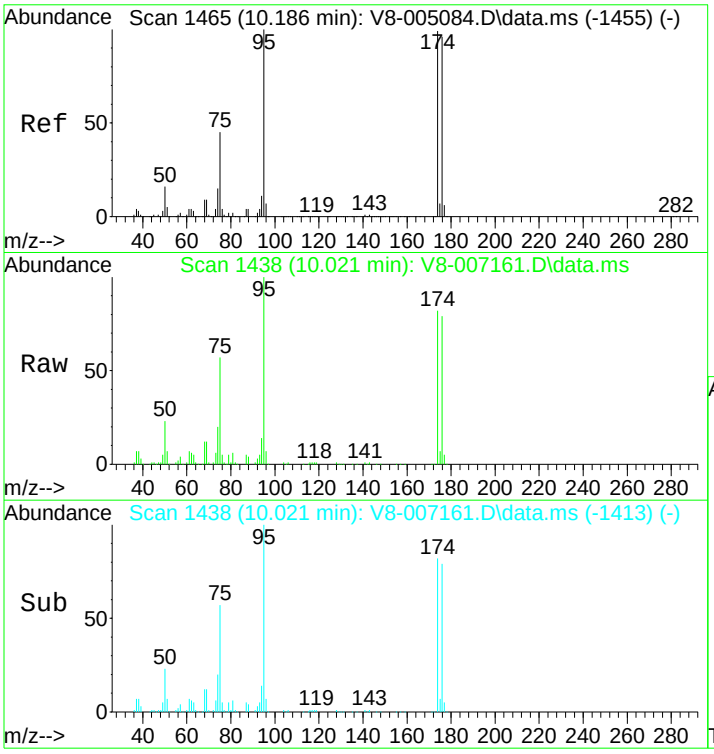


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.737 min Scan# 1720
Delta R.T. -0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion:152 Resp: 233080

Ion	Ratio	Lower	Upper
152	100		
115	64.6	45.3	94.1

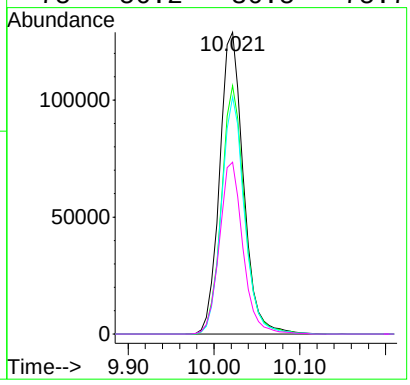


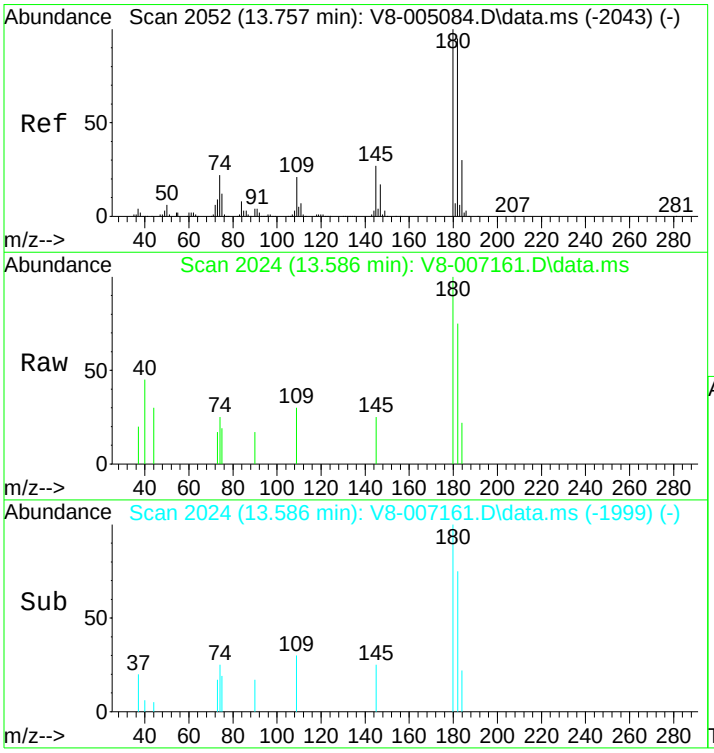


#81
p-Bromofluorobenzene (SURR)
Concen: 10.43 ppb
RT: 10.021 min Scan# 1438
Delta R.T. -0.001 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion: 95 Resp: 248452

Ion	Ratio	Lower	Upper
95	100		
174	79.7	49.3	102.3
176	76.1	46.9	97.3
75	56.2	36.5	75.7

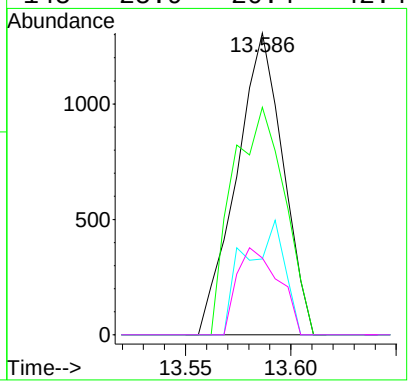


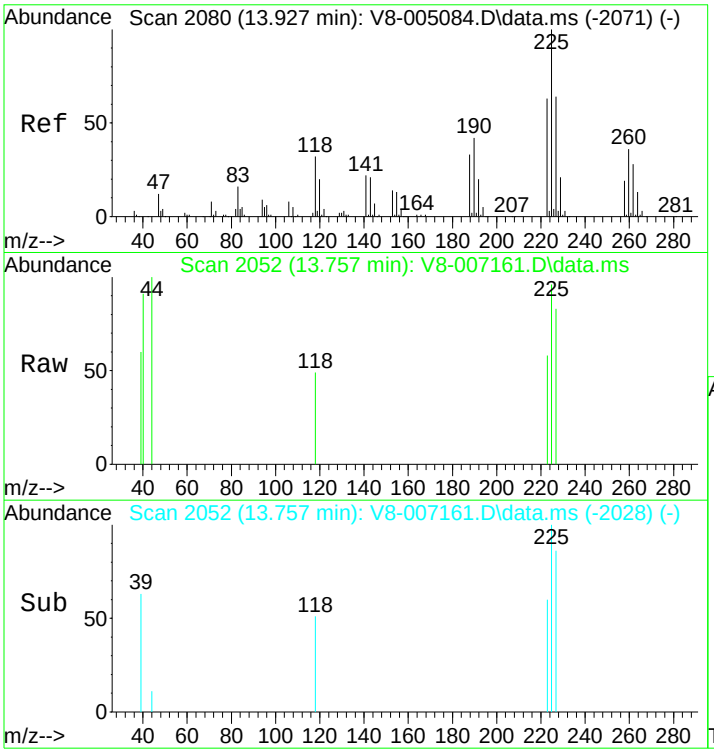


#110
1,2,4-Trichlorobenzene
Concen: 0.20 ppb
RT: 13.586 min Scan# 2024
Delta R.T. -0.001 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion:180 Resp: 2013

Ion	Ratio	Lower	Upper
180	100		
182	84.8	61.7	128.3
74	32.0	23.5	48.9
145	25.9	20.4	42.4

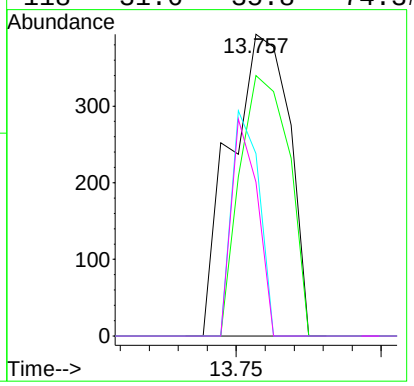


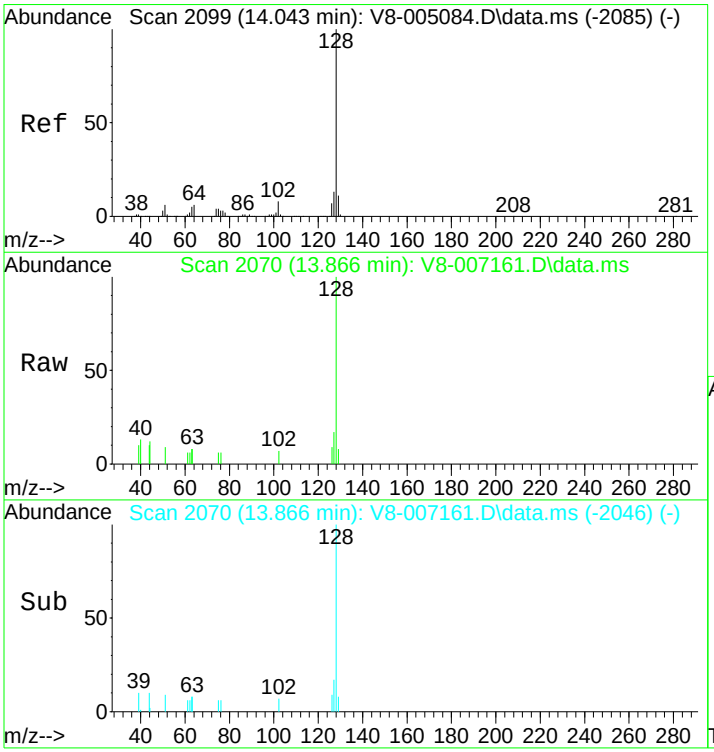


#111
Hexachloro-1,3-Butadiene
Concen: 0.24 ppb
RT: 13.757 min Scan# 2052
Delta R.T. -0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion:225 Resp: 560

Ion	Ratio	Lower	Upper
225	100		
227	71.6	40.2	83.4
223	34.6	39.0	81.0#
118	31.6	35.8	74.3#

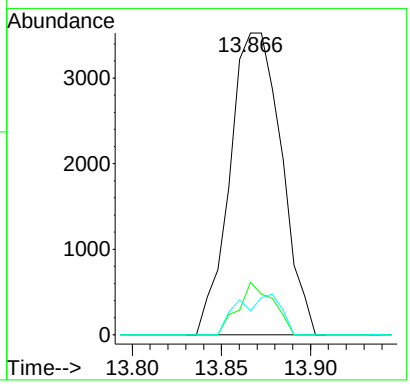


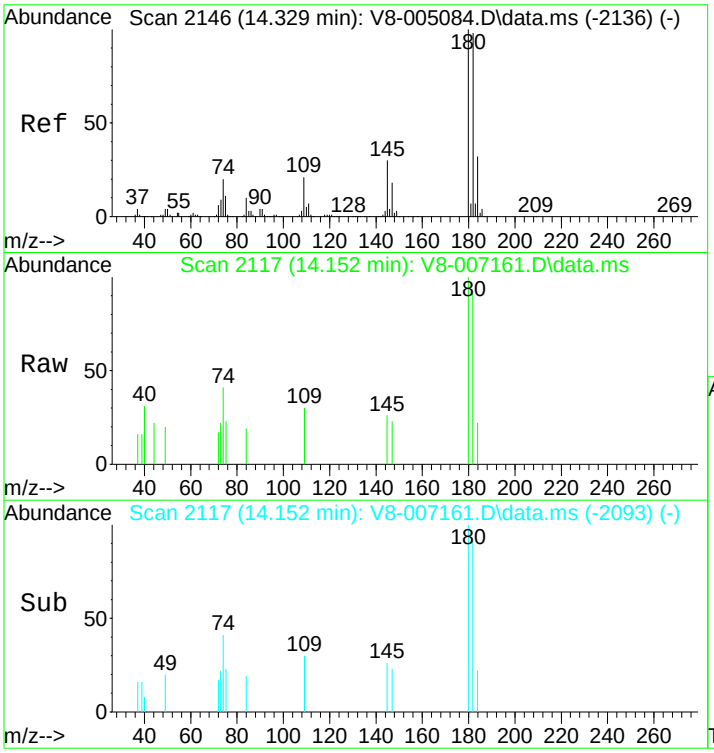


#112
Naphthalene
Concen: 0.28 ppb
RT: 13.866 min Scan# 2070
Delta R.T. -0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion:128 Resp: 7075

Ion	Ratio	Lower	Upper
128	100		
127	11.7	8.6	17.8
129	11.1	7.2	14.9

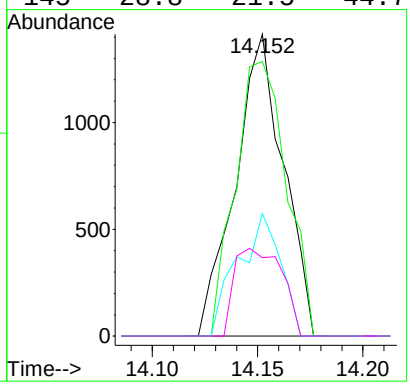




#113
1,2,3-Trichlorobenzene
Concen: 0.28 ppb
RT: 14.152 min Scan# 2117
Delta R.T. -0.006 min
Lab File: V8-007161.D
Acq: 29 Sep 2025 4:01 pm

Tgt Ion:180 Resp: 2247

Ion	Ratio	Lower	Upper
180	100		
182	96.8	61.0	126.6
74	36.1	23.5	48.9
145	28.8	21.5	44.7



METHOD BLANK RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.260	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	3.93	
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BI52044-BLK1	File ID:	V10C15899.D
Prepared:	09/29/25 07:26	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	09/30/25 06:23	Instrument:	VOA No. 10		
Batch:	BI52044	Sequence:	S5J0112	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.2	102	70 - 130	
SURR: Toluene-d8	10.0	9.81	98.1	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	97943	5.961	99774	5.962	
ISTD: Chlorobenzene-d5	142933	8.991	146745	8.991	
ISTD: 1,2-Dichlorobenzene-d4	173794	11.991	193907	11.985	

Quantitation Report (QT Reviewed)

Data File : V10C15899.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 6:23 am
Operator : PMB
Sample : BI52044-BLK1
Misc : 8260 tic Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:43:43 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

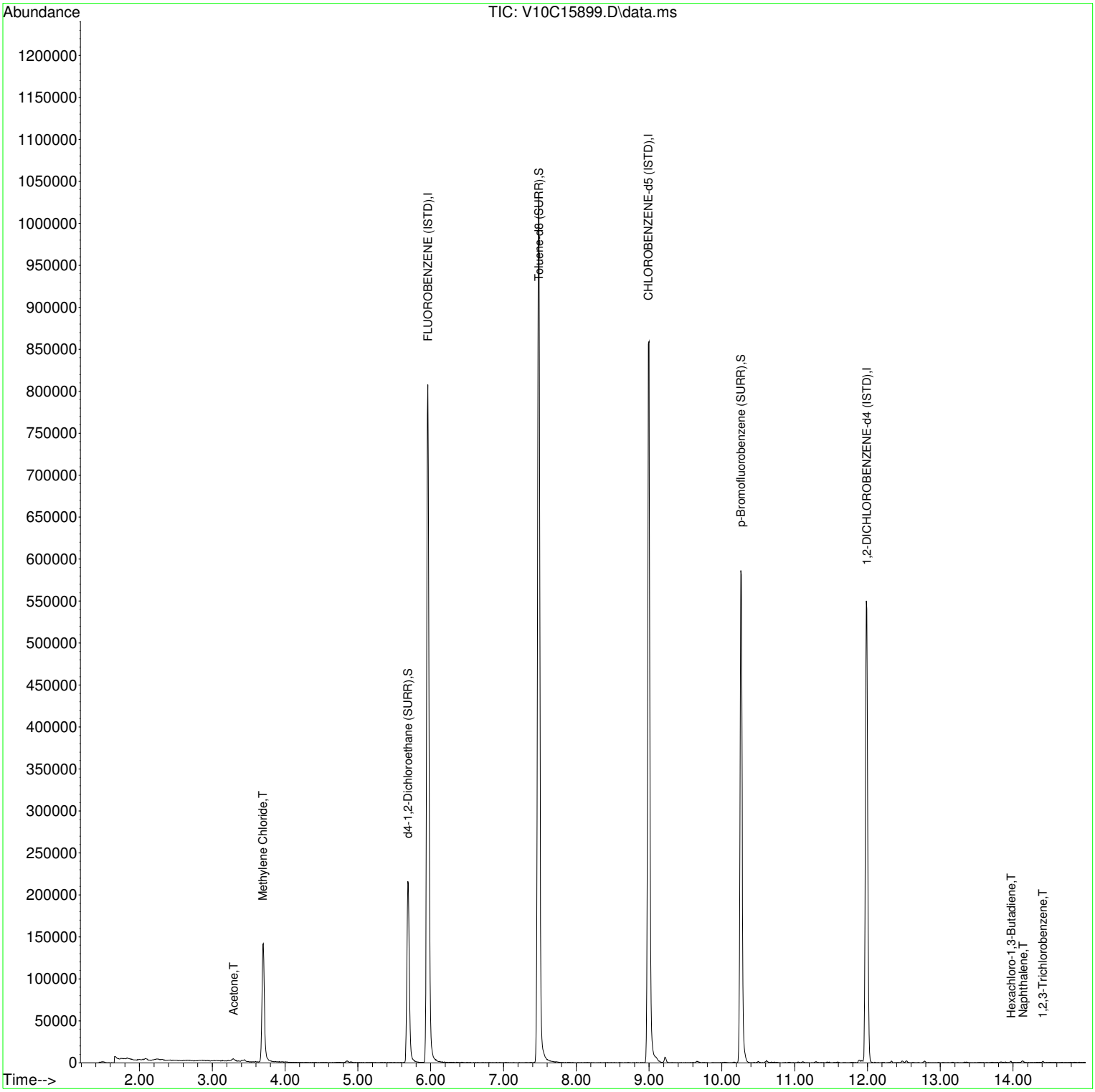
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	97943	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	142933	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	173794	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	173266	10.23	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.30%				
59) Toluene-d8 (SURR)	7.486	98	828110	9.81	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.10%				
81) p-Bromofluorobenzene (...	10.259	95	258105	10.03	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.30%				
Target Compounds							Qvalue
17) Acetone	3.291	58	964	1.07	ppb		51
23) Methylene Chloride	3.694	49	110386	3.93	ppb		99
111) Hexachloro-1,3-Butadiene	13.972	225	516	0.20	ppb	#	74
112) Naphthalene	14.137	128	3066	0.32	ppb	#	88
113) 1,2,3-Trichlorobenzene	14.405	180	667	0.26	ppb	#	74

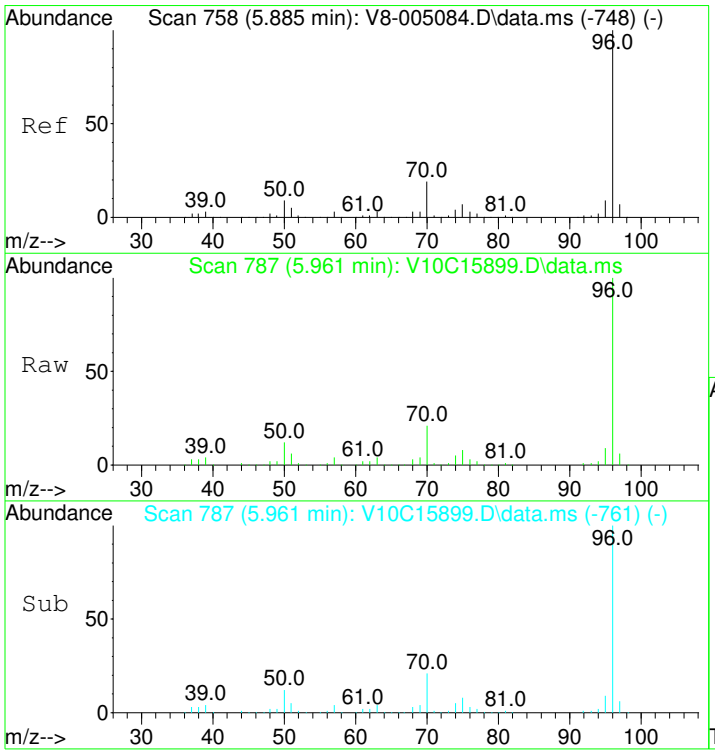
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15899.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 6:23 am
Operator : PMB
Sample : BI52044-BLK1
Misc : 8260 tic Multiplr: 1.00
ALS Vial : 96
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:43:43 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

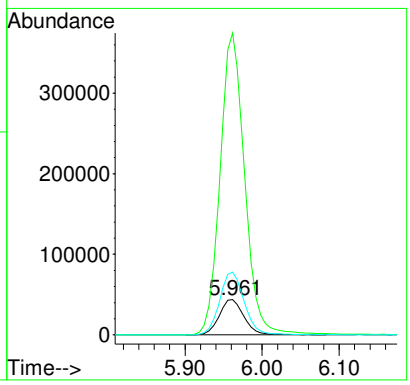


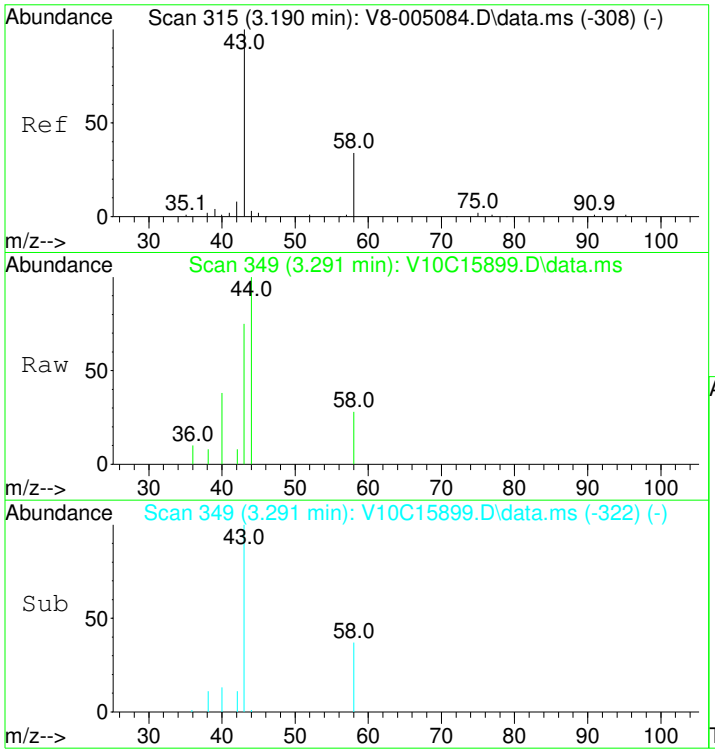


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.961 min Scan# 787
Delta R.T. 0.006 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 50 Resp: 97943

Ion	Ratio	Lower	Upper
50	100		
96	847.2	535.6	1112.4
70	177.1	113.2	235.2

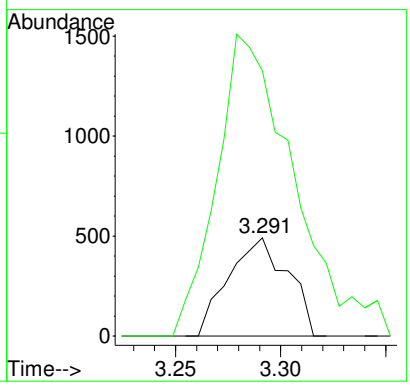


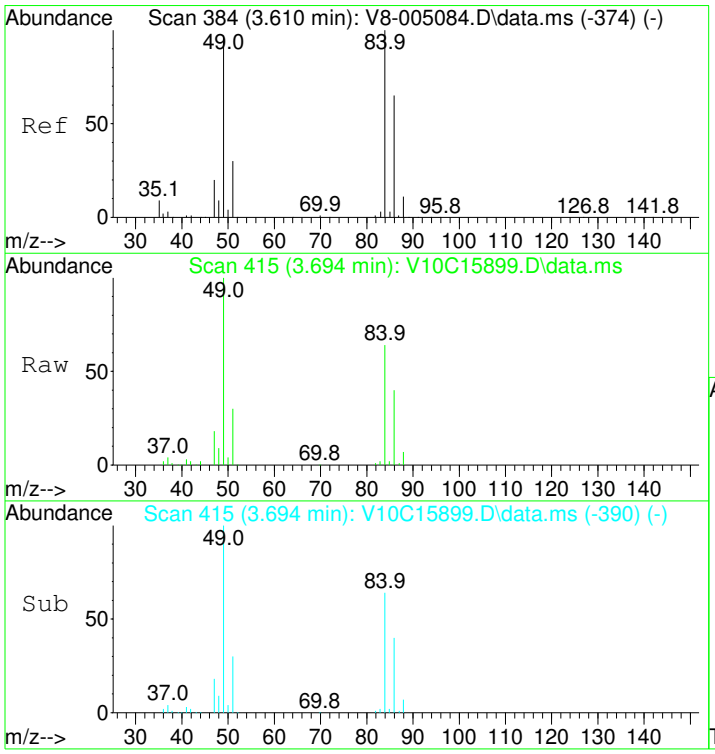


#17
Acetone
Concen: 1.07 ppb
RT: 3.291 min Scan# 349
Delta R.T. 0.012 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 58 Resp: 964

Ion	Ratio	Lower	Upper
58	100		
43	399.9	196.9	409.0

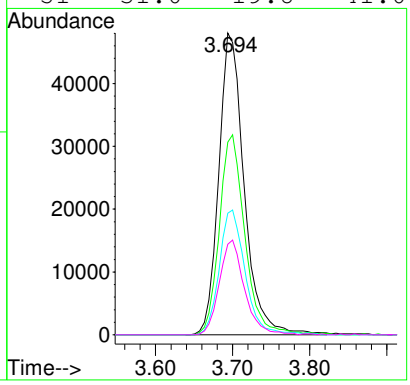


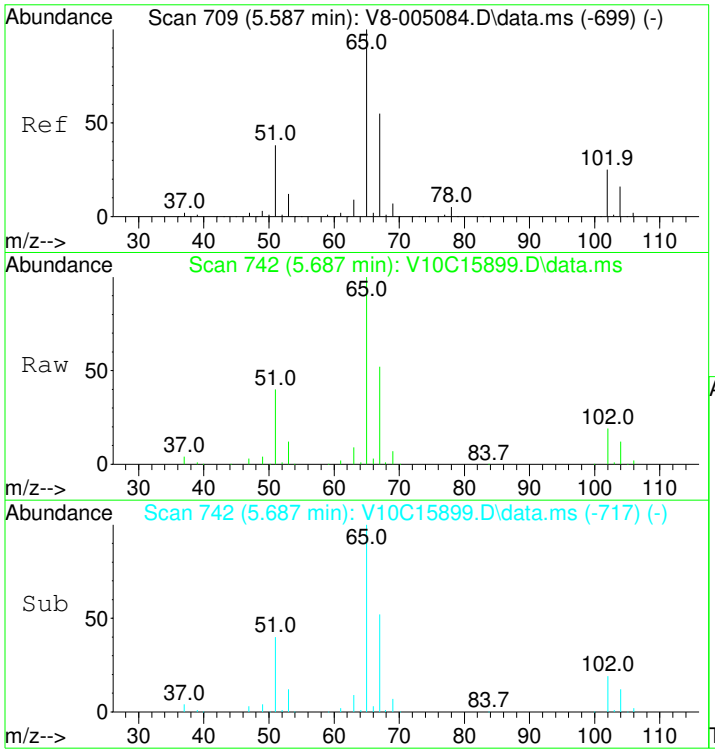


#23
Methylene Chloride
Concen: 3.93 ppb
RT: 3.694 min Scan# 415
Delta R.T. -0.000 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 49 Resp: 110386

Ion	Ratio	Lower	Upper
49	100		
84	66.9	42.5	88.3
86	42.1	26.9	55.9
51	31.0	19.8	41.0

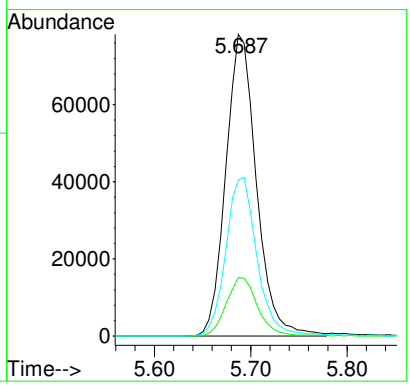


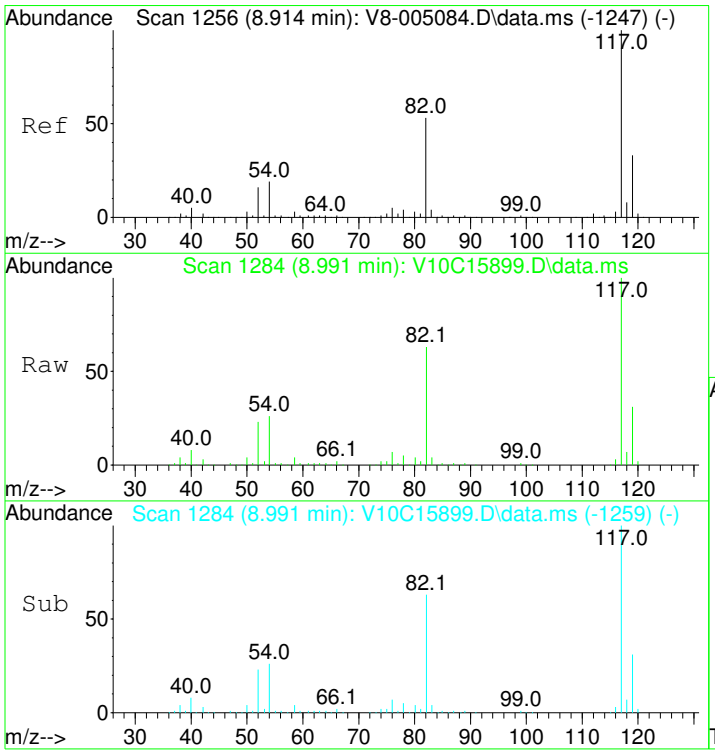


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.23 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 65 Resp: 173266

Ion	Ratio	Lower	Upper
65	100		
102	19.9	13.6	28.2
67	53.6	36.5	75.7

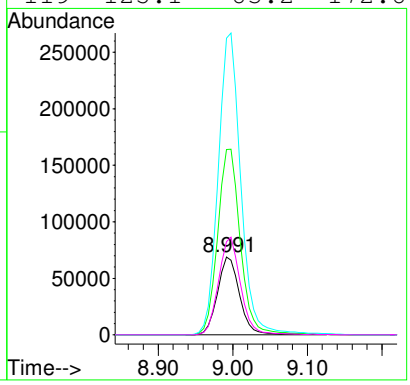


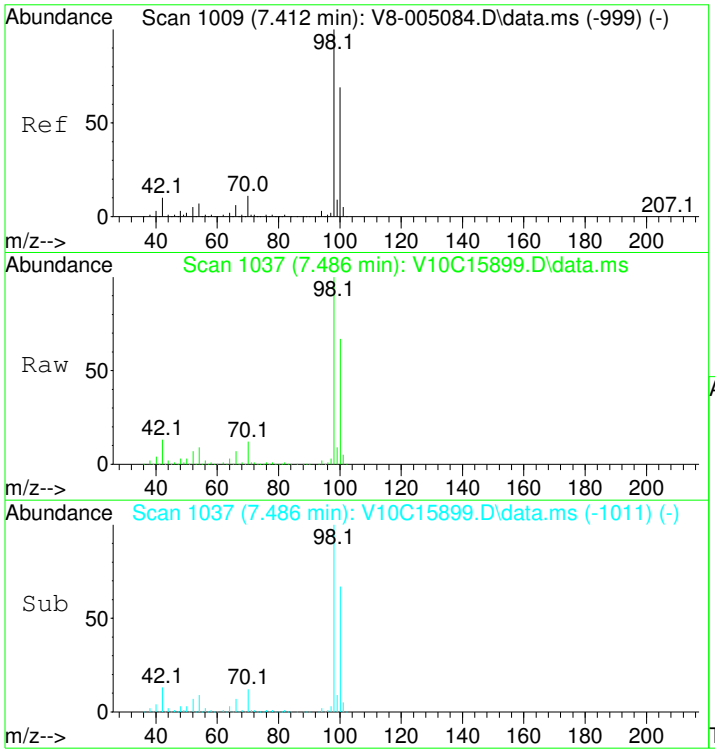


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. 0.000 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 54 Resp: 142933

Ion	Ratio	Lower	Upper
54	100		
82	244.0	162.2	336.8
117	394.2	263.6	547.6
119	125.1	83.2	172.8

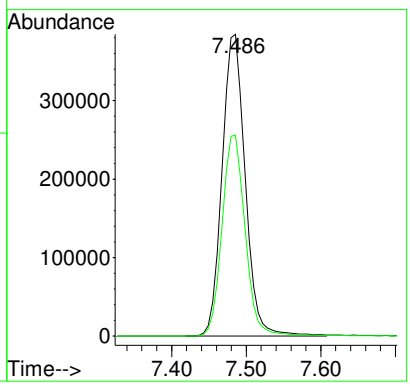


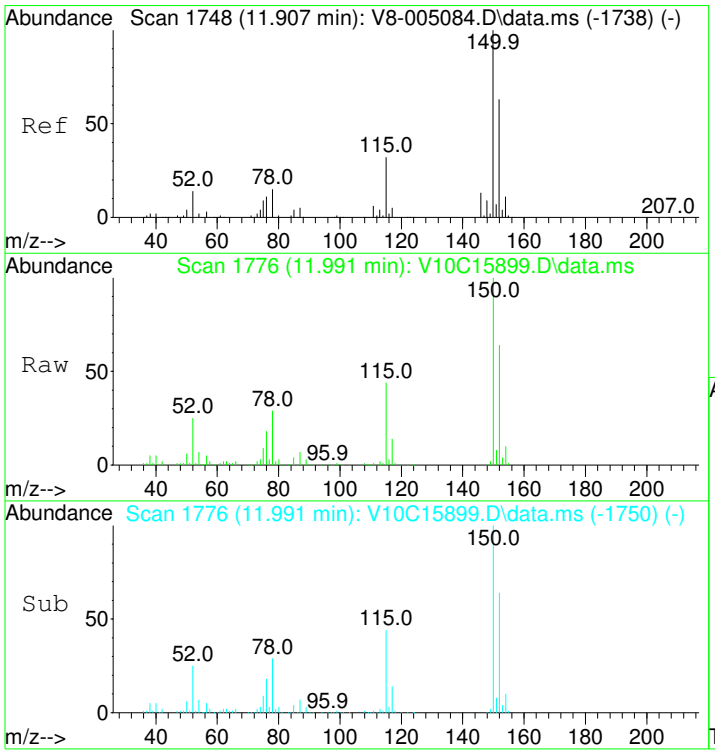


#59
Toluene-d8 (SURR)
Concen: 9.81 ppb
RT: 7.486 min Scan# 1037
Delta R.T. 0.006 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 98 Resp: 828110

Ion	Ratio	Lower	Upper
98	100		
100	66.5	43.1	89.5

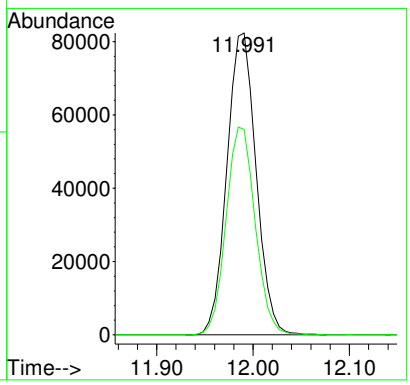


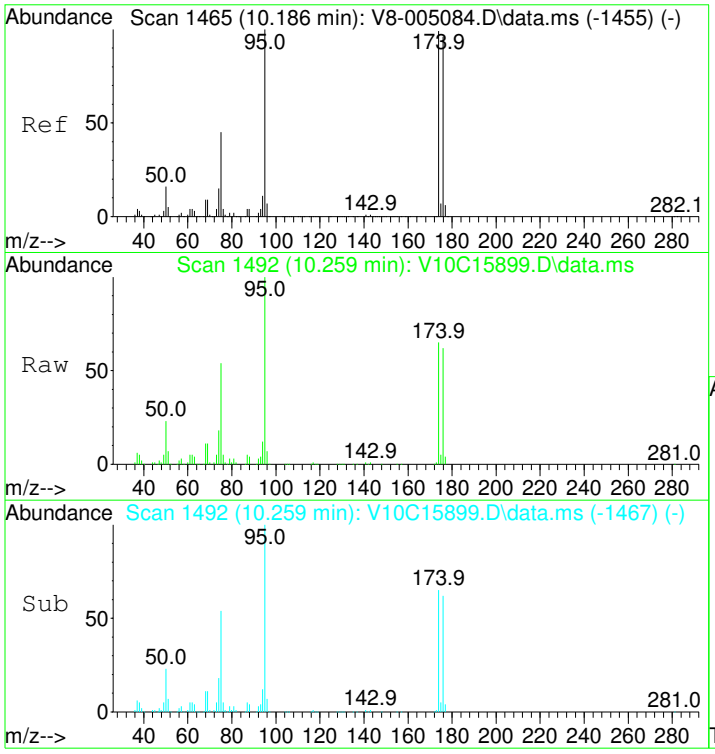


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.991 min Scan# 1776
Delta R.T. 0.006 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion:152 Resp: 173794

Ion	Ratio	Lower	Upper
152	100		
115	68.5	43.7	90.9

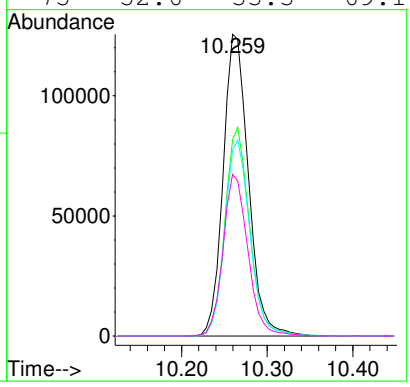


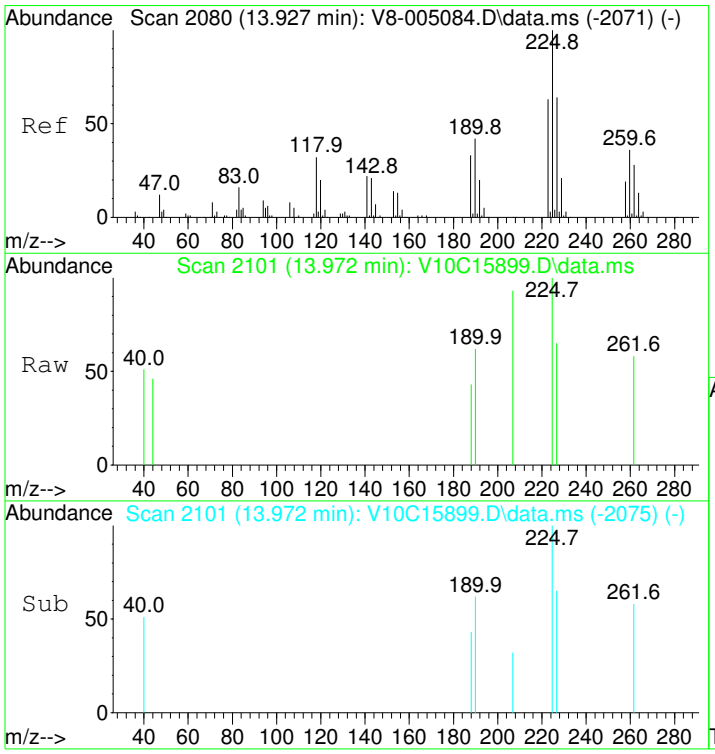


#81
p-Bromofluorobenzene (SURR)
Concen: 10.03 ppb
RT: 10.259 min Scan# 1492
Delta R.T. 0.000 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion: 95 Resp: 258105

Ion	Ratio	Lower	Upper
95	100		
174	67.6	46.3	96.3
176	64.7	45.1	93.7
75	52.6	33.3	69.1

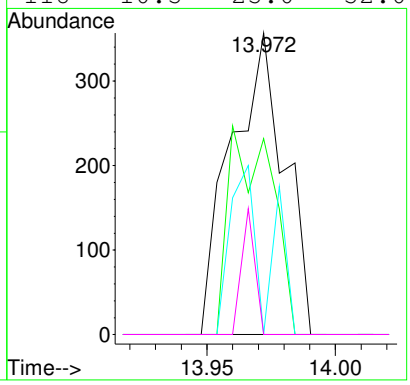


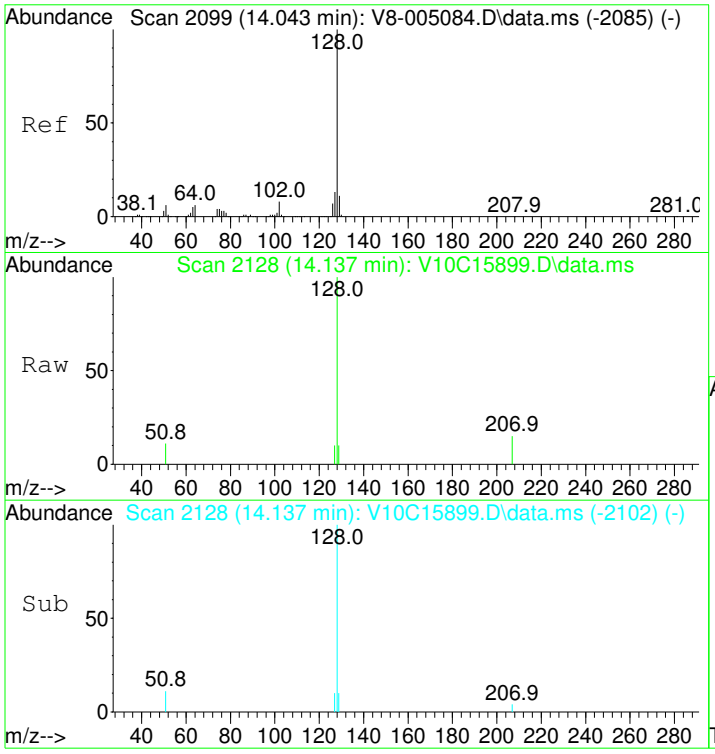


#111
Hexachloro-1,3-Butadiene
Concen: 0.20 ppb
RT: 13.972 min Scan# 2101
Delta R.T. 0.006 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion:225 Resp: 516

Ion	Ratio	Lower	Upper
225	100		
227	56.4	40.1	83.3
223	38.0	41.3	85.9#
118	10.5	25.0	52.0#

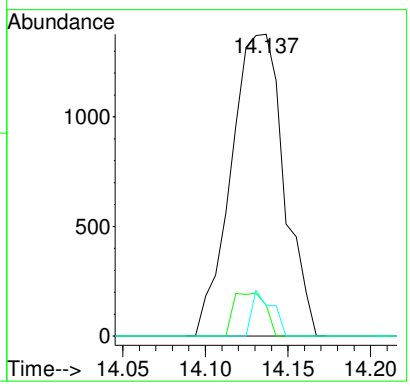


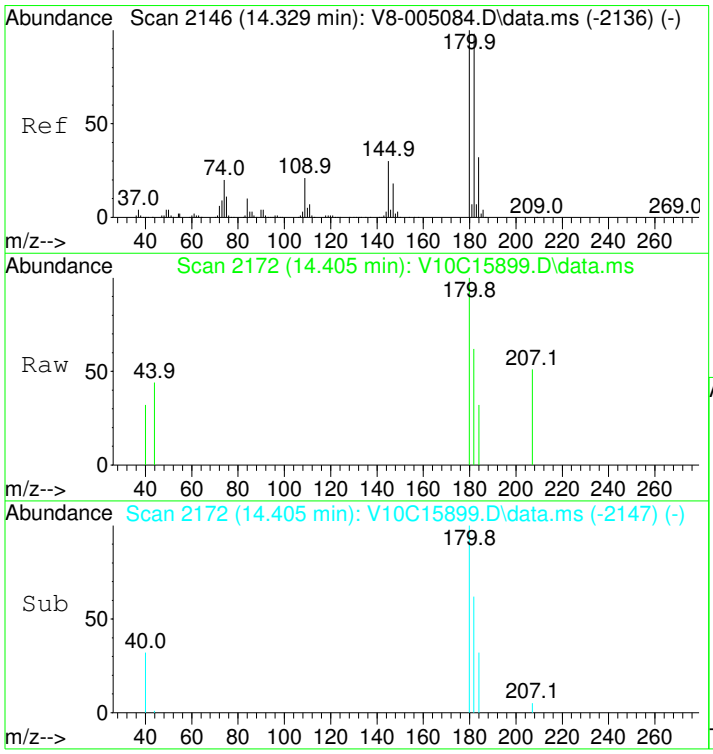


#112
Naphthalene
Concen: 0.32 ppb
RT: 14.137 min Scan# 2128
Delta R.T. 0.006 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion:128 Resp: 3066

Ion	Ratio	Lower	Upper
128	100		
127	8.6	8.3	17.1
129	5.8	7.1	14.7#

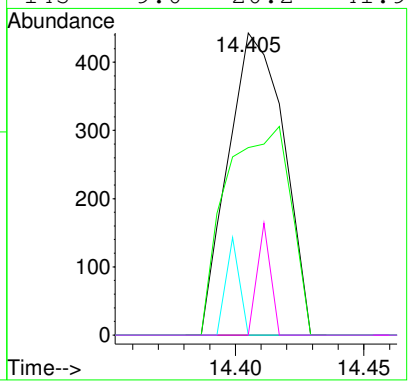




#113
1,2,3-Trichlorobenzene
Concen: 0.26 ppb
RT: 14.405 min Scan# 2172
Delta R.T. -0.000 min
Lab File: V10C15899.D
Acq: 30 Sep 2025 6:23 am

Tgt Ion:180 Resp: 667

Ion	Ratio	Lower	Upper
180	100		
182	80.1	60.9	126.5
74	7.8	21.3	44.3#
145	9.0	20.2	41.9#



METHOD BLANK RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.290	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	2.00	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.510	
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	0.760	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U
100-42-5	Styrene	0.500	U
75-65-0	tert-Butyl alcohol (TBA)	1.00	U
98-06-6	tert-Butylbenzene	0.500	U
127-18-4	Tetrachloroethylene	0.500	U
108-88-3	Toluene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc.			SDG:	25I1726
Client:	Hydro Tech Environmental			Project:	230051-170 Freemont St. Brooklyn
Matrix:	Water	Laboratory ID:	BJ50090-BLK1	File ID:	V10C15976.D
Prepared:	10/01/25 07:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	10/01/25 21:34	Instrument:	VOA No. 10		
Batch:	BJ50090	Sequence:	S5J0206	Calibration:	SI50025

CAS NO.	COMPOUND	CONC. (ug/L)	Q
156-60-5	trans-1,2-Dichloroethylene	0.500	U
10061-02-6	trans-1,3-Dichloropropylene	0.500	U
110-57-6	trans-1,4-dichloro-2-butene	0.500	U
79-01-6	Trichloroethylene	0.500	U
75-69-4	Trichlorofluoromethane	0.500	U
75-01-4	Vinyl Chloride	0.500	U
1330-20-7	Xylenes, Total	1.50	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
SURR: 1,2-Dichloroethane-d4	10.0	10.1	101	70 - 130	
SURR: Toluene-d8	10.0	9.84	98.4	81 - 117	
SURR: p-Bromofluorobenzene	10.0	10.0	100	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: Fluorobenzene	101343	5.961	102738	5.961	
ISTD: Chlorobenzene-d5	148103	8.991	150550	8.991	
ISTD: 1,2-Dichlorobenzene-d4	184183	11.985	193228	11.985	

Quantitation Report (QT Reviewed)

Data File : V10C15976.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 9:34 pm
Operator : PMB
Sample : BJ50090-BLK1
Misc : 8260 Multiplr: 1.00
ALS Vial : 73
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:49:14 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

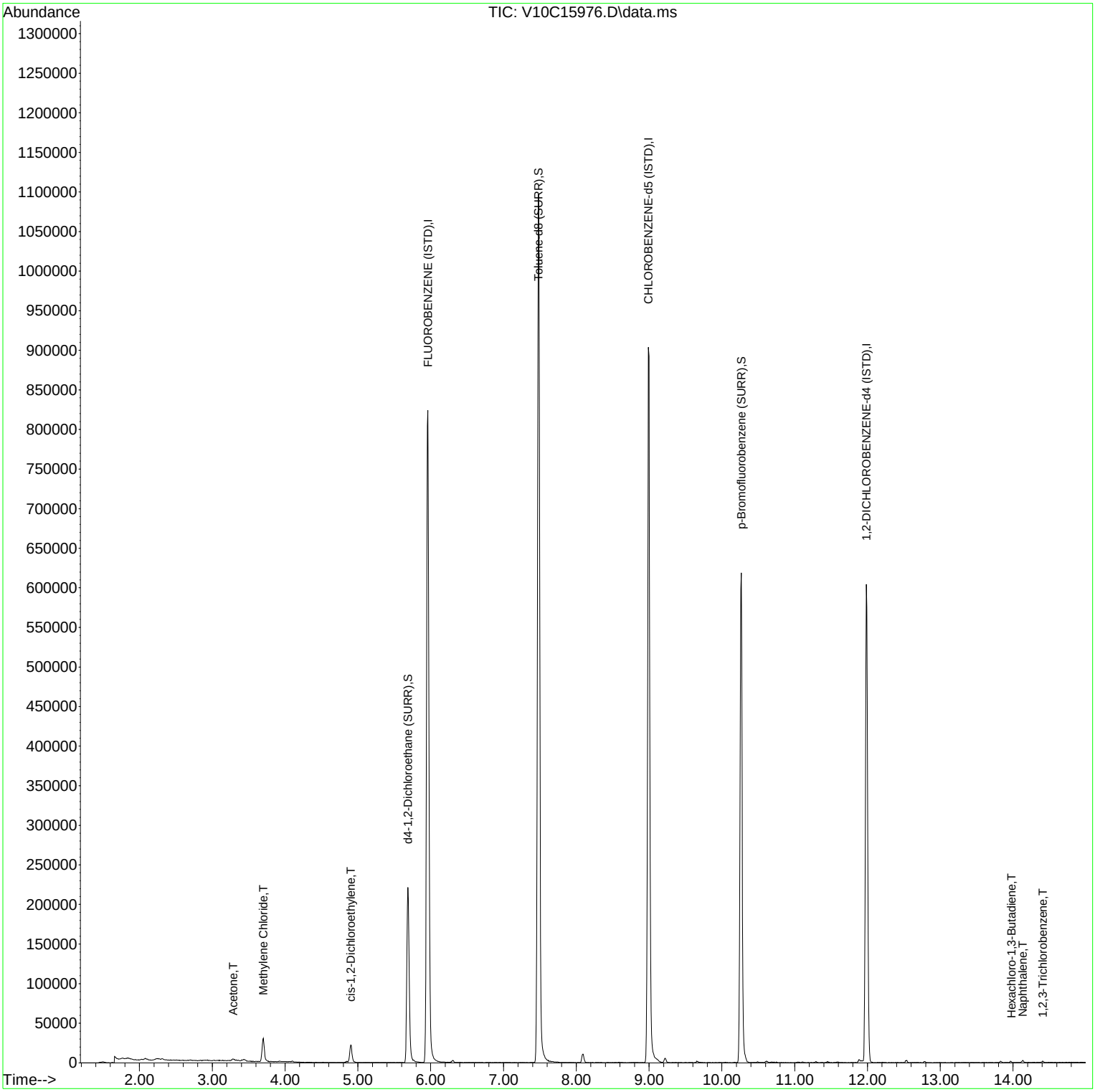
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	101343	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	148103	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	184183	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	177065	10.10	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.00%				
59) Toluene-d8 (SURR)	7.479	98	861066	9.84	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.40%				
81) p-Bromofluorobenzene (...	10.265	95	274036	10.05	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.50%				
Target Compounds							Qvalue
17) Acetone	3.285	58	815	0.87	ppb	#	11
23) Methylene Chloride	3.700	49	22139	0.76	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	16384	0.51	ppb		89
111) Hexachloro-1,3-Butadiene	13.978	225	630	0.23	ppb	#	81
112) Naphthalene	14.131	128	3190	0.31	ppb	#	86
113) 1,2,3-Trichlorobenzene	14.405	180	780	0.29	ppb	#	85

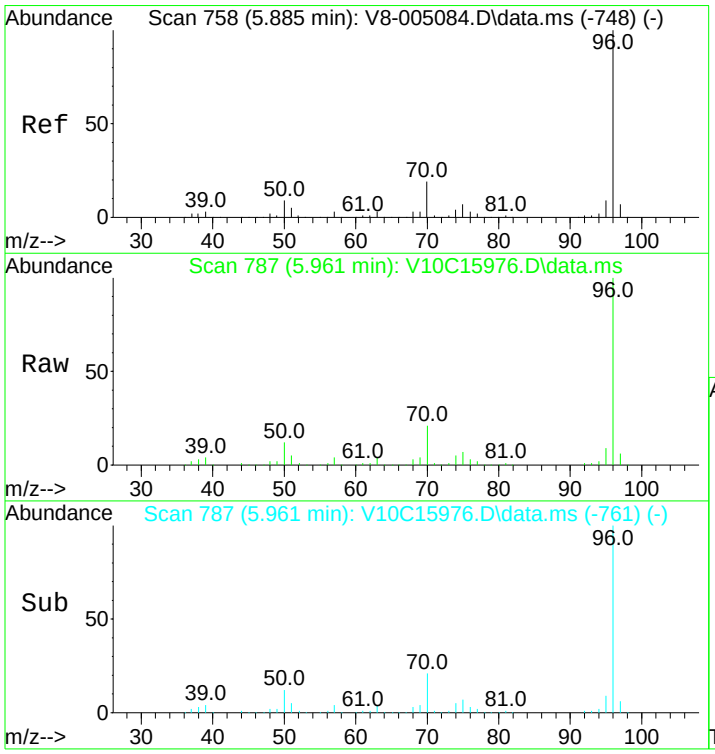
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15976.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 9:34 pm
Operator : PMB
Sample : BJ50090-BLK1
Misc : 8260 Multiplr: 1.00
ALS Vial : 73
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:49:14 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

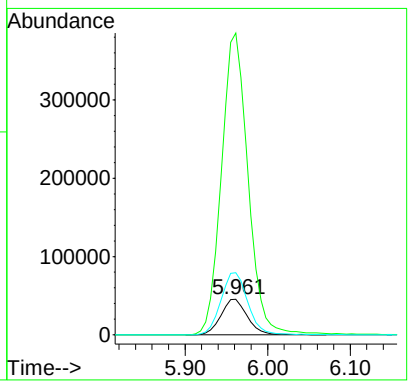


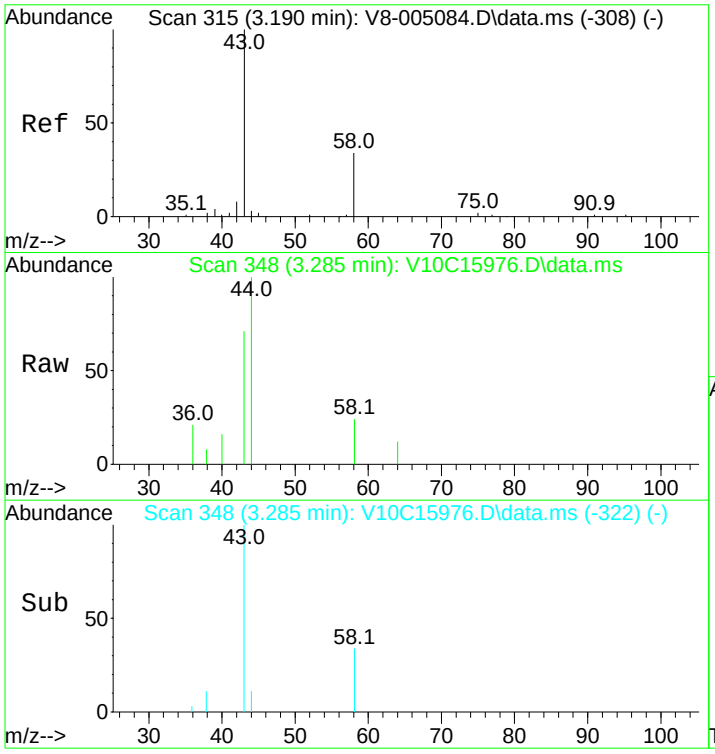


#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.961 min Scan# 787
Delta R.T. 0.006 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 50 Resp: 101343

Ion	Ratio	Lower	Upper
50	100		
96	852.0	535.6	1112.4
70	177.8	113.2	235.2

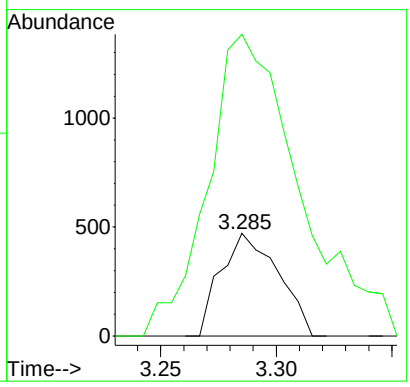


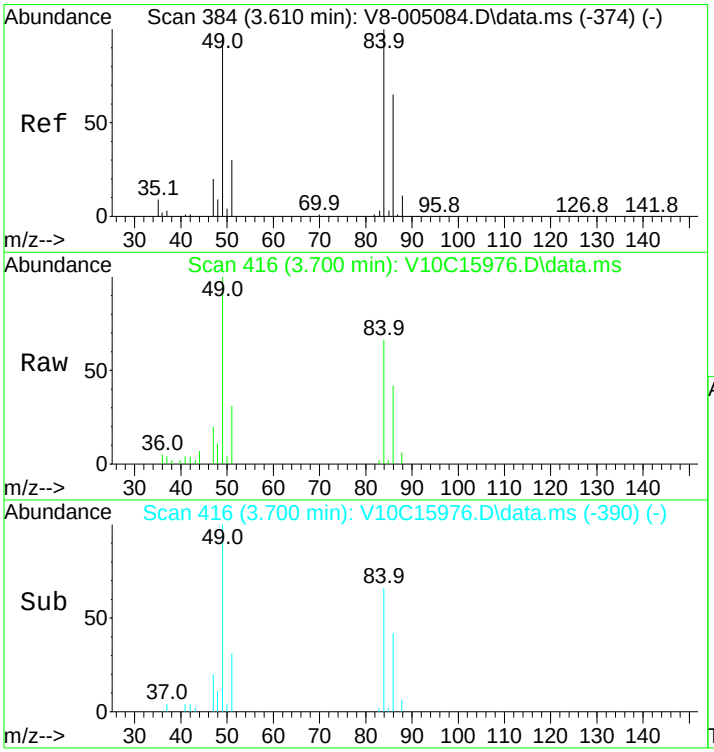


#17
Acetone
Concen: 0.87 ppb
RT: 3.285 min Scan# 348
Delta R.T. 0.006 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 58 Resp: 815

Ion	Ratio	Lower	Upper
58	100		
43	478.0	196.9	409.0#

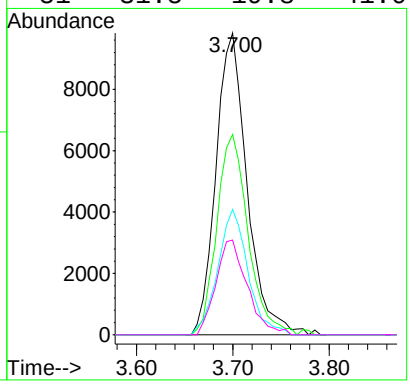


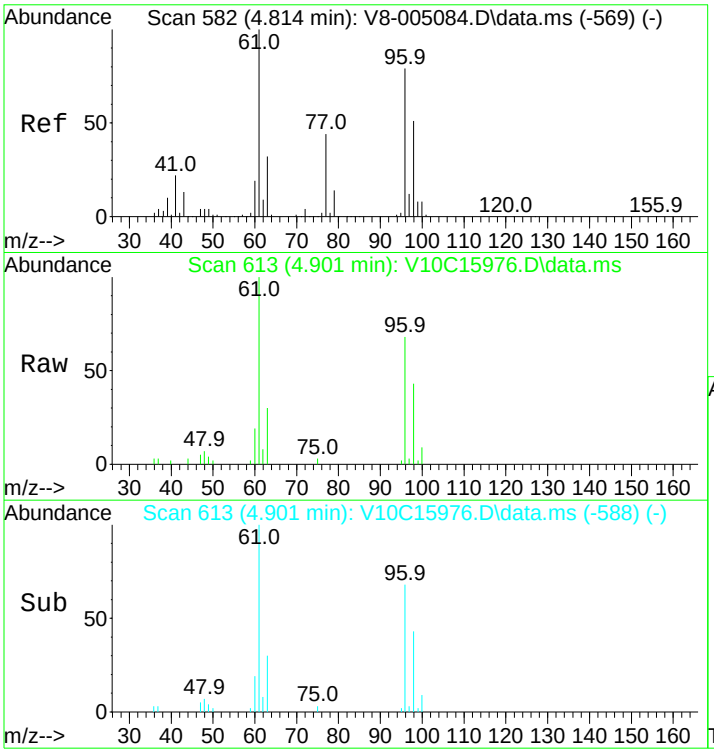


#23
Methylene Chloride
Concen: 0.76 ppb
RT: 3.700 min Scan# 416
Delta R.T. 0.006 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 49 Resp: 22139

Ion	Ratio	Lower	Upper
49	100		
84	66.6	42.5	88.3
86	40.3	26.9	55.9
51	31.5	19.8	41.0

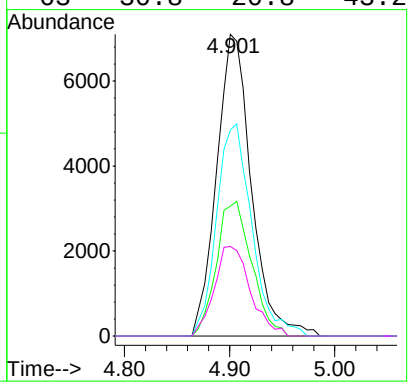


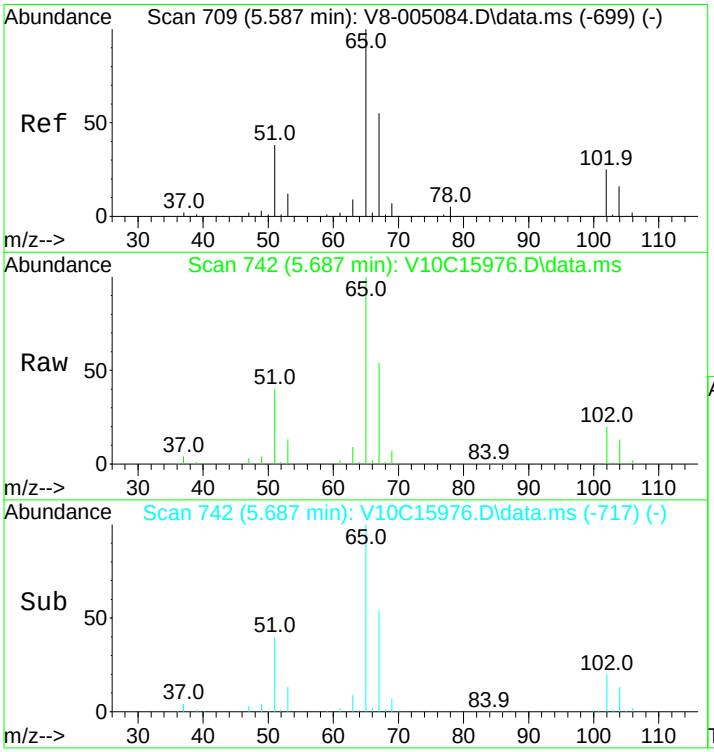


#32
cis-1,2-Dichloroethylene
Concen: 0.51 ppb
RT: 4.901 min Scan# 613
Delta R.T. -0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 61 Resp: 16384

Ion	Ratio	Lower	Upper
61	100		
98	45.0	24.5	50.9
96	71.4	38.5	80.1
63	30.8	20.8	43.2

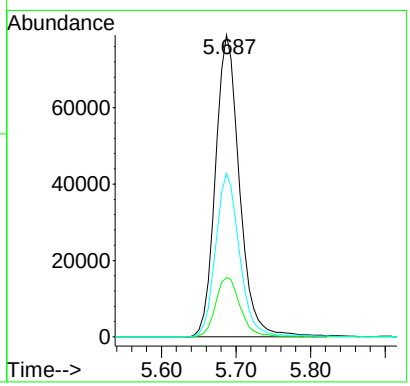


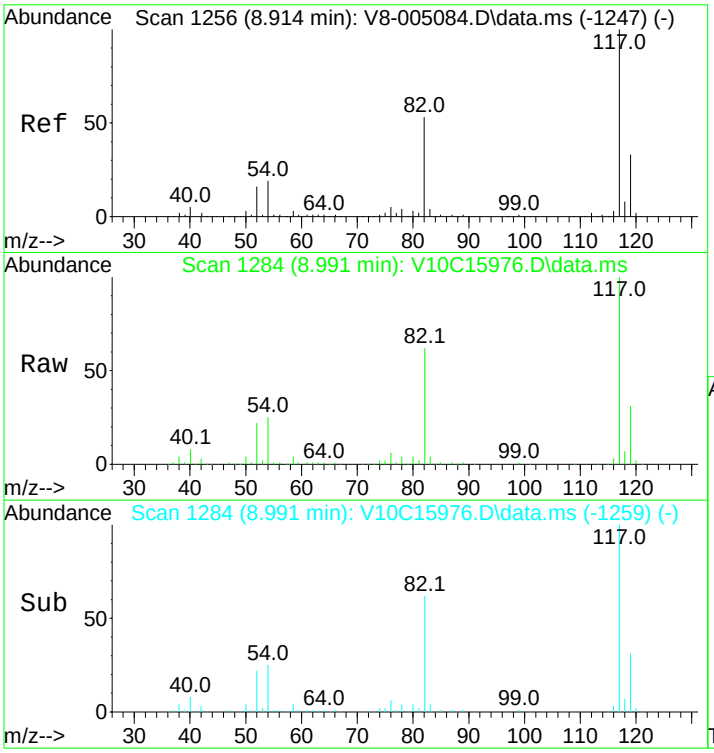


#41
d4-1,2-Dichloroethane (SURR)
Concen: 10.10 ppb
RT: 5.687 min Scan# 742
Delta R.T. 0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 65 Resp: 177065

Ion	Ratio	Lower	Upper
65	100		
102	20.1	13.6	28.2
67	53.9	36.5	75.7

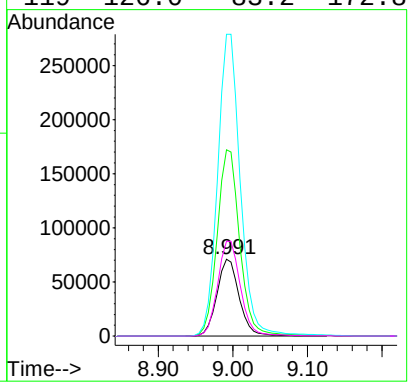


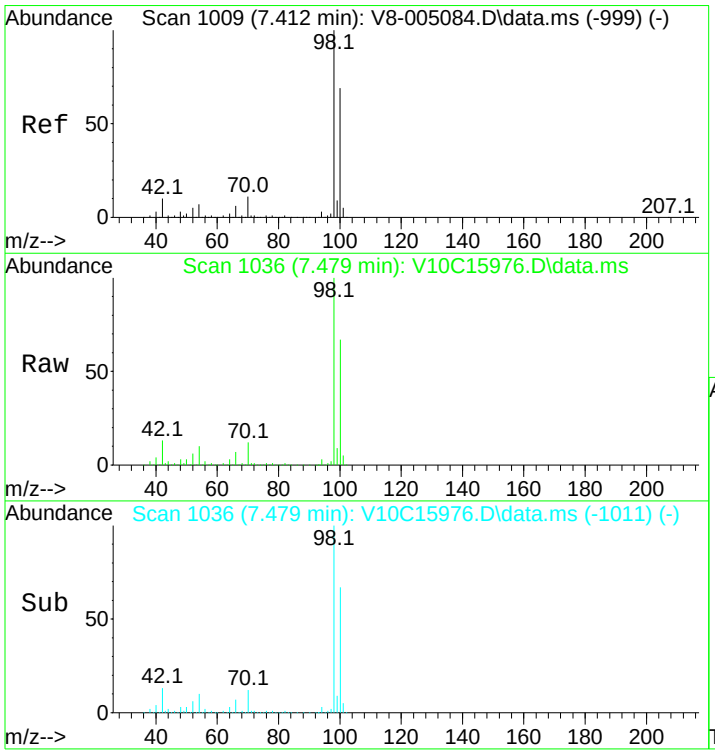


#47
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.991 min Scan# 1284
Delta R.T. 0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 54 Resp: 148103

Ion	Ratio	Lower	Upper
54	100		
82	244.3	162.2	336.8
117	397.7	263.6	547.6
119	126.0	83.2	172.8

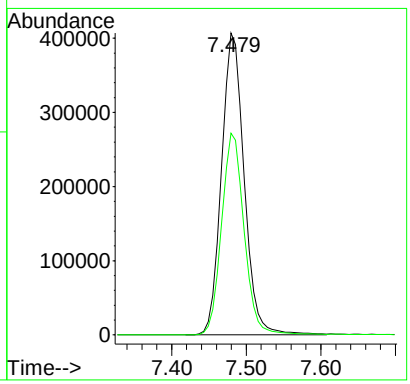


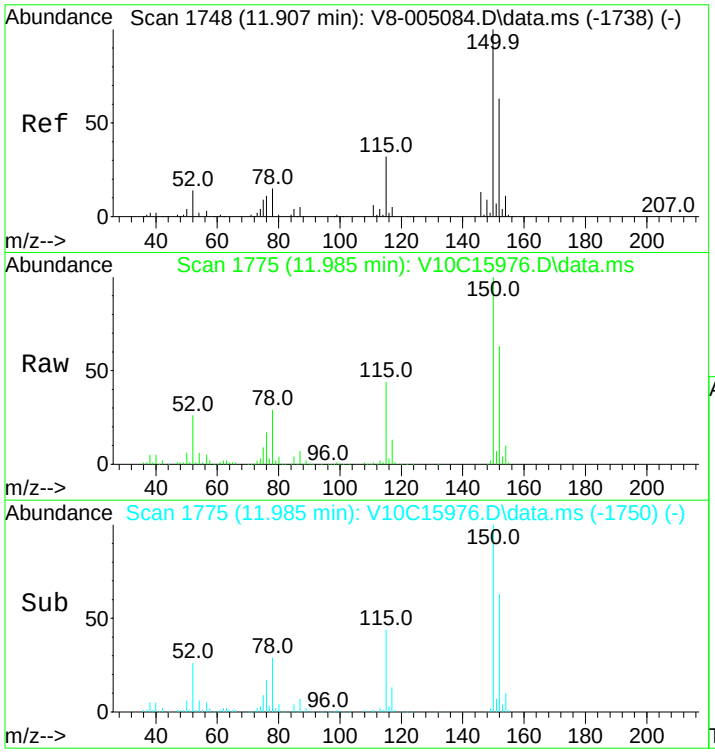


#59
Toluene-d8 (SURR)
Concen: 9.84 ppb
RT: 7.479 min Scan# 1036
Delta R.T. -0.001 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 98 Resp: 861066

Ion	Ratio	Lower	Upper
98	100		
100	66.4	43.1	89.5

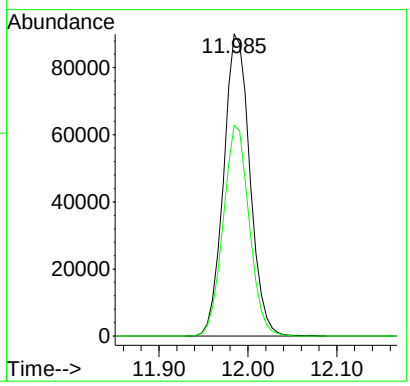


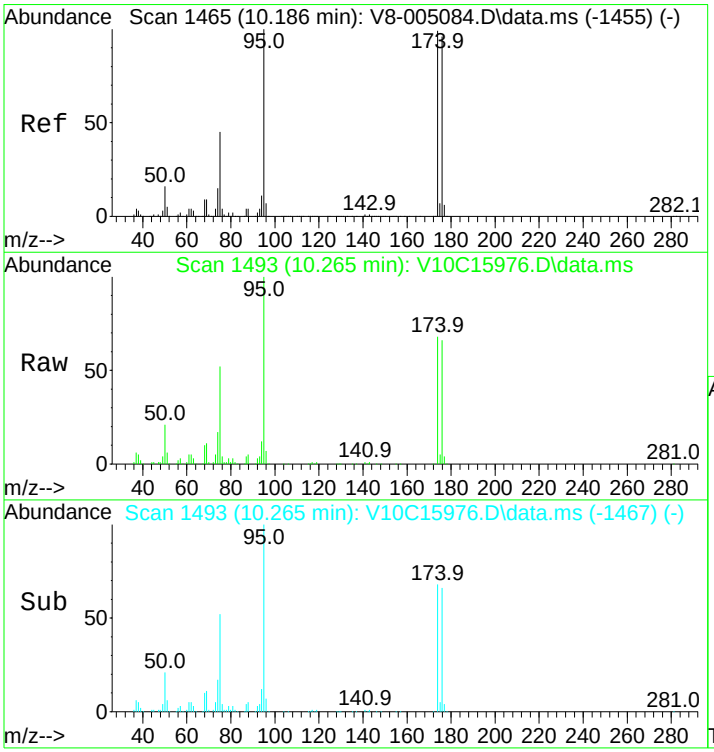


#79
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.985 min Scan# 1775
Delta R.T. -0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion:152 Resp: 184183

Ion	Ratio	Lower	Upper
152	100		
115	69.2	43.7	90.9

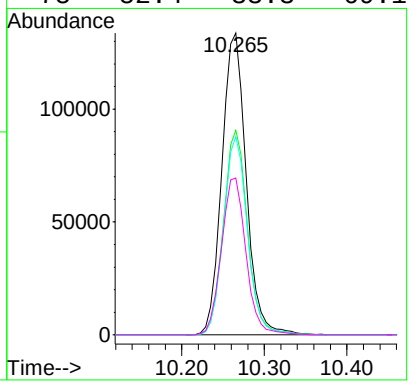


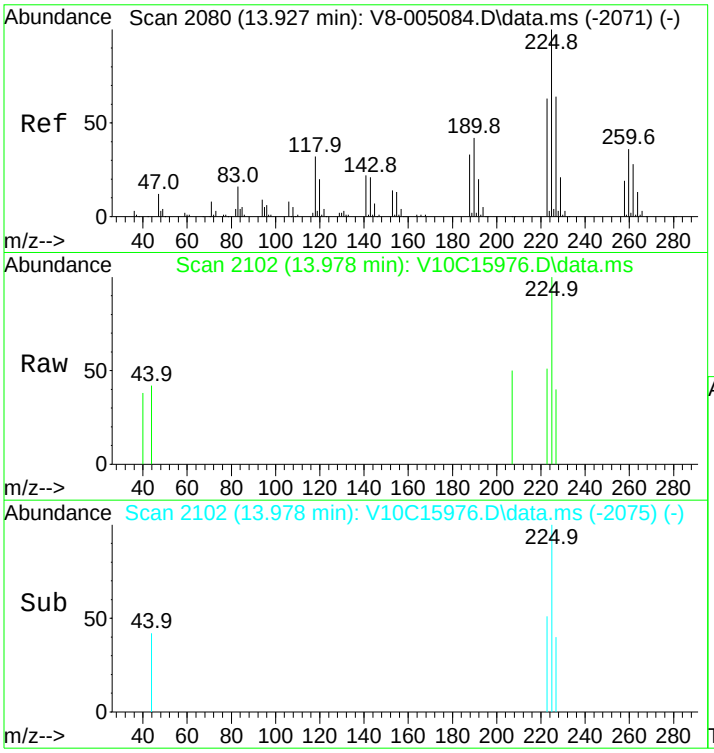


#81
p-Bromofluorobenzene (SURR)
Concen: 10.05 ppb
RT: 10.265 min Scan# 1493
Delta R.T. 0.006 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion: 95 Resp: 274036

Ion	Ratio	Lower	Upper
95	100		
174	67.1	46.3	96.3
176	64.6	45.1	93.7
75	52.4	33.3	69.1

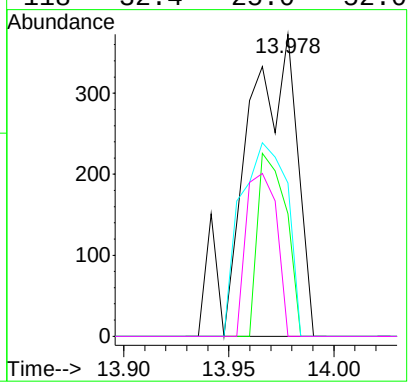


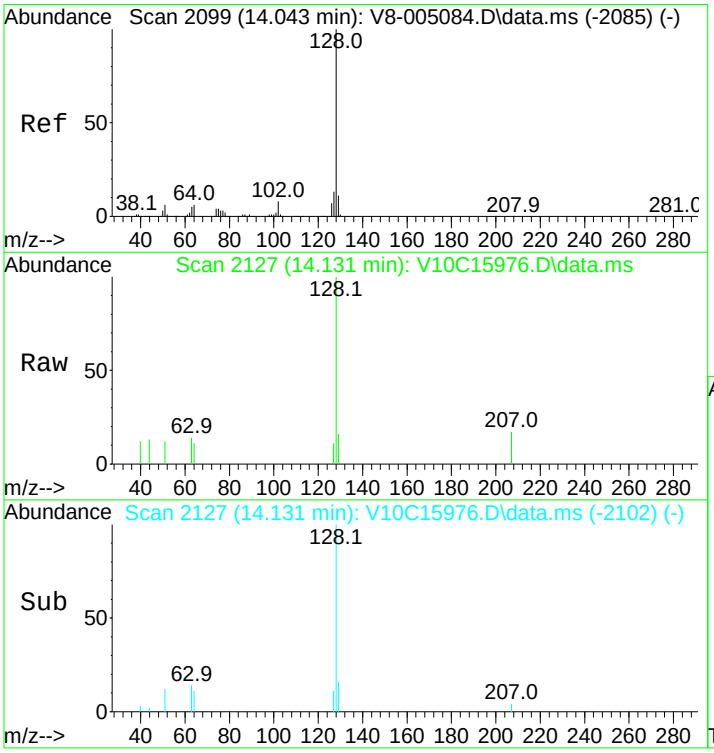


#111
Hexachloro-1,3-Butadiene
Concen: 0.23 ppb
RT: 13.978 min Scan# 2102
Delta R.T. 0.012 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion:225 Resp: 630

Ion	Ratio	Lower	Upper
225	100		
227	33.8	40.1	83.3#
223	58.4	41.3	85.9
118	32.4	25.0	52.0

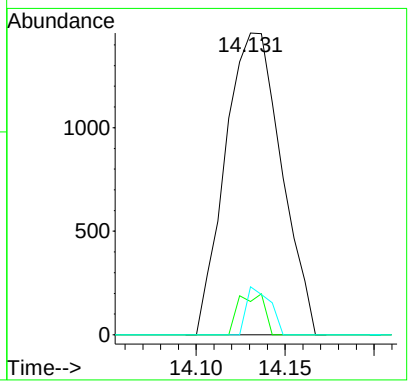


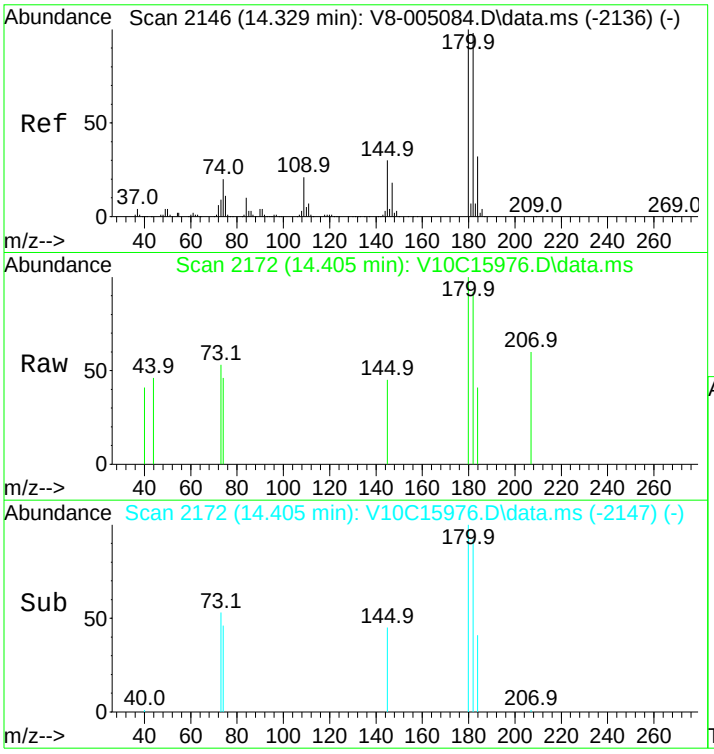


#112
Naphthalene
Concen: 0.31 ppb
RT: 14.131 min Scan# 2127
Delta R.T. -0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion:128 Resp: 3190

Ion	Ratio	Lower	Upper
128	100		
127	6.3	8.3	17.1#
129	6.7	7.1	14.7#

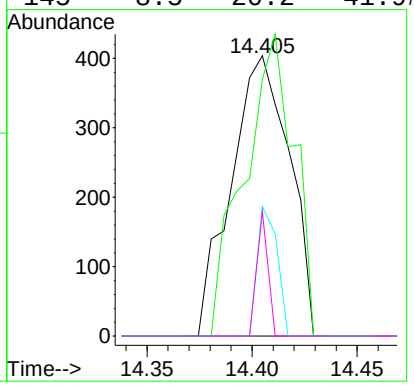




#113
1,2,3-Trichlorobenzene
Concen: 0.29 ppb
RT: 14.405 min Scan# 2172
Delta R.T. -0.000 min
Lab File: V10C15976.D
Acq: 1 Oct 2025 9:34 pm

Tgt Ion:180 Resp: 780

Ion	Ratio	Lower	Upper
180	100		
182	92.1	60.9	126.5
74	15.6	21.3	44.3#
145	8.5	20.2	41.9#



MATRIX SPIKE RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data File : V10C15916.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:28 pm
Operator : PMB
Sample : BI52044-MS1
Misc : 25I1726-01 B Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	97319	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	142566	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	190872	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.693	65	174510	10.36	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 103.60%				
59) Toluene-d8 (SURR)	7.485	98	827558	9.83	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.30%				
81) p-Bromofluorobenzene (...	10.265	95	277243	9.81	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.10%				
Target Compounds							Qvalue
2) Freon 115	1.475	85	3664	1.93	ppb		98
3) Freon 152a	1.610	51	201566	10.38	ppb		97
4) Dichlorodifluoromethane	1.634	85	147396	6.78	ppb		99
5) Freon 22	1.657	51	397428	15.88	ppb		96
6) Chloromethane	1.840	50	230772	9.80	ppb		99
7) Vinyl Chloride	1.944	62	278315	10.17	ppb		100
8) Bromomethane	2.304	94	73604	11.34	ppb		100
9) Chloroethane	2.407	64	194431	15.42	ppb		100
10) Trichlorofluoromethane	2.645	101	282230	10.58	ppb		99
11) Ethyl Ether	2.931	59	259453	22.10	ppb		97
13) Freon 123	3.053	83	321755	12.27	ppb		98
14) 1,1-Dichloroethylene	3.181	61	349665	11.30	ppb		99
15) Freon 113	3.145	101	143012	8.53	ppb		95
16) Acrolein	3.133	56	26523	21.85	ppb		96
17) Acetone	3.285	58	11595	12.93	ppb		97
18) Iodomethane	3.364	142	142433	10.41	ppb		96
19) Carbon disulfide	3.407	76	483856	8.51	ppb		100
20) Allyl Chloride	3.553	41	381721	10.57	ppb		98
21) Methyl Acetate	3.578	43	114271	16.02	ppb		99
22) tert-Butyl Alcohol (TBA)	3.809	59	23353	37.50	ppb		96
23) Methylene Chloride	3.700	49	310042	11.16	ppb		98
24) Acrylonitrile	3.980	53	35698	11.86	ppb		97
25) trans-1,2-Dichloroethy...	3.925	61	676393	22.47	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	358395	11.88	ppb		97
27) n-hexane	4.108	57	159686	4.20	ppb		97
28) 1,1-Dichloroethane	4.346	63	461577	12.14	ppb		99
29) Vinyl Acetate	4.376	86	15229	8.13	ppb		68
30) Diisopropyl ether (DIPE)	4.321	45	722448	11.56	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	550840	12.27	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	10688040	345.87	ppb		92
33) 2-Butanone	4.901	72	72749	79.79	ppb	#	1
34) 2,2-Dichloropropane	4.870	77	223054	8.47	ppb		98
35) Tetrahydrofuran	5.175	71	10549	13.35	ppb		95
36) Bromochloromethane	5.144	49	163675	12.15	ppb		95
37) Chloroform	5.205	83	390756	12.67	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	347829	13.12	ppb		99
39) Cyclohexane	5.346	56	399492	9.14	ppb		98
40) 1,1-Dichloropropylene	5.486	75	293275	9.98	ppb		99
42) Carbon Tetrachloride	5.480	117	263661	12.24	ppb		100
43) tert-Amyl alcohol (TAA)	5.724	59	69488	103.82	ppb	#	37
44) 1,2-Dichloroethane	5.760	62	219710	12.85	ppb		100

Quantitation Report (QT Reviewed)

Data File : V10C15916.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:28 pm
Operator : PMB
Sample : BI52044-MS1
Misc : 25I1726-01 B Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	1029878	12.69	ppb		98
46) tert-Amyl methyl ether...	5.742	73	497090	13.26	ppb		96
48) Trichloroethylene	6.303	95	225846	10.83	ppb		98
49) Methyl Cyclohexane	6.431	83	312587	7.67	ppb		79
50) Methyl Methacrylate	6.614	69	84847	13.02	ppb		92
51) Dibromomethane	6.699	93	84255	12.40	ppb		96
52) Bromodichloromethane	6.833	83	250288	11.94	ppb		100
53) 1,2-Dichloropropane	6.553	63	249619	11.67	ppb		97
54) 1,4-Dioxane	6.687	88	18484	240.79	ppb		96
55) 2-Nitropropane	7.083	43	25867	11.54	ppb		98
57) cis-1,3-Dichloropropene	7.248	75	302814	11.53	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	90396	11.88	ppb	#	96
60) Toluene	7.546	91	1029790	11.68	ppb		100
61) n-Octane	7.553	85	59848	5.44	ppb		95
62) Ethyl Methacrylate	7.833	69	166128	12.10	ppb		93
63) trans-1,3-Dichloropropene	7.821	75	218069	11.42	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	121914	12.48	ppb		99
65) 1,3-Dichloropropane	8.187	76	239423	12.16	ppb		97
66) Tetrachloroethylene	8.089	166	168915	7.64	ppb		98
67) 2-Hexanone	8.229	43	56698	11.41	ppb		96
68) n-Butyl Actetate	8.321	43	5951	0.43	ppb	#	92
69) Dibromochloromethane	8.430	129	126113	12.43	ppb		99
70) 1,2-Dibromoethane	8.552	107	108744	12.80	ppb		99
71) Chlorobenzene	9.022	112	534293	11.37	ppb		100
72) 1,1,1,2-tetrachloroethane	9.113	131	163919	12.13	ppb		99
73) n-Nonane	9.150	57	56128	6.55	ppb		94
74) Ethyl Benzene	9.101	91	1074101	11.10	ppb		99
75) p- & m-Xylenes	9.223	91	1558500	21.56	ppb		100
76) o-Xylene	9.662	91	791653	11.64	ppb		100
77) Styrene	9.686	104	545158	11.04	ppb		99
78) Bromoform	9.961	173	54358	12.47	ppb		99
80) Isopropylbenzene	10.040	105	896207	9.89	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	124685	12.07	ppb		100
83) Bromobenzene	10.436	77	302420	10.07	ppb		99
84) trans-1,4-Dichloro-2-b...	10.509	75	123658	11.04	ppb		88
85) 1,2,3-Trichloropropane	10.509	110	31916	11.96	ppb		99
86) n-Propylbenzene	10.497	91	974813	8.94	ppb		100
87) n-Decane	10.607	57	59468	7.94	ppb		94
88) p-Ethyltoluene	10.619	105	729730	8.70	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	621360	9.71	ppb		99
90) 2-Chlorotoluene	10.625	91	641204	9.58	ppb		99
91) 4-Chlorotoluene	10.747	91	545319	9.44	ppb		100
92) tert-Butylbenzene	11.046	119	516508	9.84	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	580432	9.66	ppb		100
94) sec-Butylbenzene	11.290	105	663257	8.83	ppb		99
95) Limonene	11.381	68	67648	3.53	ppb		98
96) 1,3-Dichlorobenzene	11.473	146	241888	8.92	ppb		99
97) p-Isopropyltoluene	11.448	119	502457	8.48	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	238669	9.01	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	572442	10.35	ppb		100
100) p-Diethylbenzene	11.887	105	233122	7.88	ppb	#	84
101) trans-Decahydronapthalene	11.881	138	44407	5.95	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	209089	9.77	ppb		99
103) n-Butylbenzene	11.918	91	449021	7.60	ppb	#	89
105) n-Undecane	11.942	71	33273	7.89	ppb		88

Quantitation Report (QT Reviewed)

Data File : V10C15916.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:28 pm
Operator : PMB
Sample : BI52044-MS1
Misc : 25I1726-01 B Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

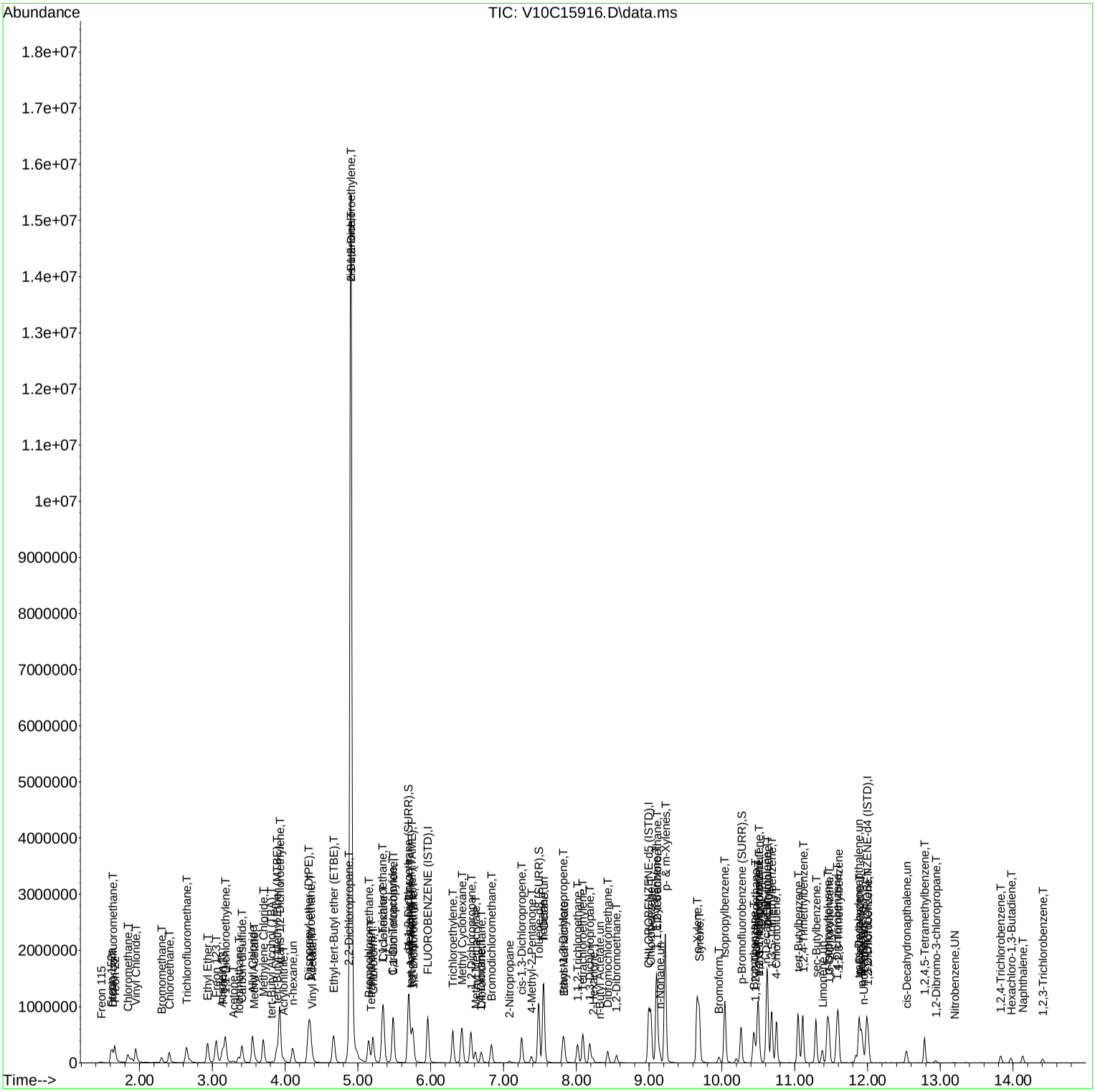
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.539	138	34101	6.55	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	12885	12.28	ppb		93
108) 1,2,4,5-Tetramethylben...	12.783	119	281286	8.58	ppb		98
109) Nitrobenzene	13.198	77	2840	10.72	ppb		90
110) 1,2,4-Trichlorobenzene	13.832	180	42657	7.50	ppb		98
111) Hexachloro-1,3-Butadiene	13.972	225	18877	6.74	ppb		97
112) Naphthalene	14.131	128	112943	10.61	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	24090	8.68	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15916.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:28 pm
Operator : PMB
Sample : BI52044-MS1
Misc : 25I1726-01 B Multiplr: 1.00
ALS Vial : 13
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:00 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15917.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:56 pm
Operator : PMB
Sample : BI52044-MSD1
Misc : 25I1726-01 C Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:04 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	103392	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	152089	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	201286	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	182090	10.18	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.80%				
59) Toluene-d8 (SURR)	7.479	98	880814	9.81	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.10%				
81) p-Bromofluorobenzene (...	10.259	95	291348	9.78	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 97.80%				
Target Compounds							Qvalue
2) Freon 115	1.475	85	4136	2.05	ppb		97
3) Freon 152a	1.604	51	215273	10.43	ppb		100
4) Dichlorodifluoromethane	1.628	85	153595	6.65	ppb		99
5) Freon 22	1.657	51	393718	14.81	ppb		95
6) Chloromethane	1.834	50	236879	9.47	ppb		99
7) Vinyl Chloride	1.944	62	284986	9.80	ppb		100
8) Bromomethane	2.297	94	98585	14.04	ppb		98
9) Chloroethane	2.407	64	199651	14.90	ppb		99
10) Trichlorofluoromethane	2.645	101	292513	10.32	ppb		99
11) Ethyl Ether	2.938	59	266655	21.38	ppb		97
13) Freon 123	3.053	83	330078	11.85	ppb		99
14) 1,1-Dichloroethylene	3.181	61	353105	10.74	ppb		99
15) Freon 113	3.145	101	152648	8.57	ppb		96
16) Acrolein	3.133	56	27567	21.38	ppb		95
17) Acetone	3.285	58	10640	11.17	ppb		93
18) Iodomethane	3.358	142	156850	10.79	ppb		95
19) Carbon disulfide	3.407	76	496354	8.21	ppb		100
20) Allyl Chloride	3.553	41	401926	10.47	ppb		99
21) Methyl Acetate	3.578	43	120550	15.90	ppb		98
22) tert-Butyl Alcohol (TBA)	3.816	59	38704	56.64	ppb		98
23) Methylene Chloride	3.694	49	318287	10.78	ppb		99
24) Acrylonitrile	3.974	53	33988	10.63	ppb		94
25) trans-1,2-Dichloroethy...	3.925	61	687411	21.50	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	408730	12.75	ppb		97
27) n-hexane	4.108	57	181645	4.50	ppb		95
28) 1,1-Dichloroethane	4.346	63	474039	11.74	ppb		99
29) Vinyl Acetate	4.376	86	15509	7.79	ppb		72
30) Diisopropyl ether (DIPE)	4.322	45	740907	11.15	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	579027	12.14	ppb		98
32) cis-1,2-Dichloroethylene	4.901	61	11057191	336.80	ppb		92
33) 2-Butanone	4.901	72	74186	76.59	ppb	#	1
34) 2,2-Dichloropropane	4.870	77	244654	8.74	ppb		100
35) Tetrahydrofuran	5.163	71	10993	13.10	ppb		94
36) Bromochloromethane	5.145	49	166402	11.63	ppb		95
37) Chloroform	5.205	83	399802	12.20	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	357246	12.69	ppb		99
39) Cyclohexane	5.346	56	410688	8.84	ppb		97
40) 1,1-Dichloropropylene	5.486	75	296796	9.51	ppb		99
42) Carbon Tetrachloride	5.480	117	272976	11.93	ppb		99
43) tert-Amyl alcohol (TAA)	5.724	59	75096	105.61	ppb	#	35
44) 1,2-Dichloroethane	5.760	62	225126	12.40	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15917.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:56 pm
Operator : PMB
Sample : BI52044-MSD1
Misc : 25I1726-01 C Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:04 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	1055769	12.25	ppb		98
46) tert-Amyl methyl ether...	5.748	73	525686	13.20	ppb		96
48) Trichloroethylene	6.303	95	226954	10.21	ppb		98
49) Methyl Cyclohexane	6.431	83	330607	7.61	ppb		80
50) Methyl Methacrylate	6.614	69	87648	12.61	ppb		93
51) Dibromomethane	6.699	93	86626	11.95	ppb		96
52) Bromodichloromethane	6.833	83	259201	11.59	ppb		100
53) 1,2-Dichloropropane	6.553	63	254358	11.15	ppb		98
54) 1,4-Dioxane	6.687	88	19365	236.47	ppb		94
55) 2-Nitropropane	7.083	43	26597	11.12	ppb		98
57) cis-1,3-Dichloropropene	7.248	75	310159	11.07	ppb		100
58) 4-Methyl-2-Pentanone	7.382	43	93123	11.47	ppb	#	95
60) Toluene	7.553	91	1039422	11.05	ppb		100
61) n-Octane	7.553	85	67502	5.75	ppb		96
62) Ethyl Methacrylate	7.833	69	170083	11.61	ppb		94
63) trans-1,3-Dichloropropene	7.821	75	226893	11.14	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	124731	11.97	ppb		100
65) 1,3-Dichloropropane	8.187	76	246009	11.71	ppb		97
66) Tetrachloroethylene	8.089	166	177055	7.50	ppb		98
67) 2-Hexanone	8.229	43	59896	11.30	ppb		96
68) n-Butyl Actetate	8.321	43	7342	0.50	ppb	#	86
69) Dibromochloromethane	8.430	129	130818	12.09	ppb		99
70) 1,2-Dibromoethane	8.552	107	111150	12.26	ppb		99
71) Chlorobenzene	9.028	112	543288	10.84	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	168399	11.68	ppb		99
73) n-Nonane	9.144	57	65195	7.07	ppb		95
74) Ethyl Benzene	9.101	91	1091663	10.58	ppb		100
75) p- & m-Xylenes	9.223	91	1589697	20.61	ppb		100
76) o-Xylene	9.662	91	803528	11.08	ppb		100
77) Styrene	9.686	104	556211	10.56	ppb		99
78) Bromoform	9.961	173	56949	12.25	ppb		99
80) Isopropylbenzene	10.040	105	915203	9.58	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	126874	11.65	ppb		98
83) Bromobenzene	10.436	77	308253	9.73	ppb		98
84) trans-1,4-Dichloro-2-b...	10.509	75	129629	10.98	ppb		88
85) 1,2,3-Trichloropropane	10.509	110	32610	11.59	ppb		98
86) n-Propylbenzene	10.497	91	998950	8.69	ppb		100
87) n-Decane	10.607	57	69994	8.63	ppb		95
88) p-Ethyltoluene	10.619	105	758517	8.57	ppb		100
89) 1,3,5-Trimethylbenzene	10.686	105	643197	9.54	ppb		99
90) 2-Chlorotoluene	10.625	91	657266	9.31	ppb		99
91) 4-Chlorotoluene	10.747	91	558891	9.17	ppb		100
92) tert-Butylbenzene	11.046	119	525897	9.51	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	598084	9.44	ppb		100
94) sec-Butylbenzene	11.290	105	686608	8.67	ppb		99
95) Limonene	11.375	68	74551	3.69	ppb		97
96) 1,3-Dichlorobenzene	11.473	146	251580	8.80	ppb		98
97) p-Isopropyltoluene	11.448	119	524221	8.38	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	245601	8.80	ppb		99
99) 1,2,3-Trimethylbenzene	11.601	105	585003	10.03	ppb		100
100) p-Diethylbenzene	11.887	105	251291	8.05	ppb	#	83
101) trans-Decahydronapthalene	11.881	138	49026	6.23	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	215896	9.56	ppb		98
103) n-Butylbenzene	11.918	91	487493	7.82	ppb	#	88
105) n-Undecane	11.942	71	42077	9.14	ppb		85

Quantitation Report (QT Reviewed)

Data File : V10C15917.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:56 pm
Operator : PMB
Sample : BI52044-MSD1
Misc : 25I1726-01 C Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:04 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

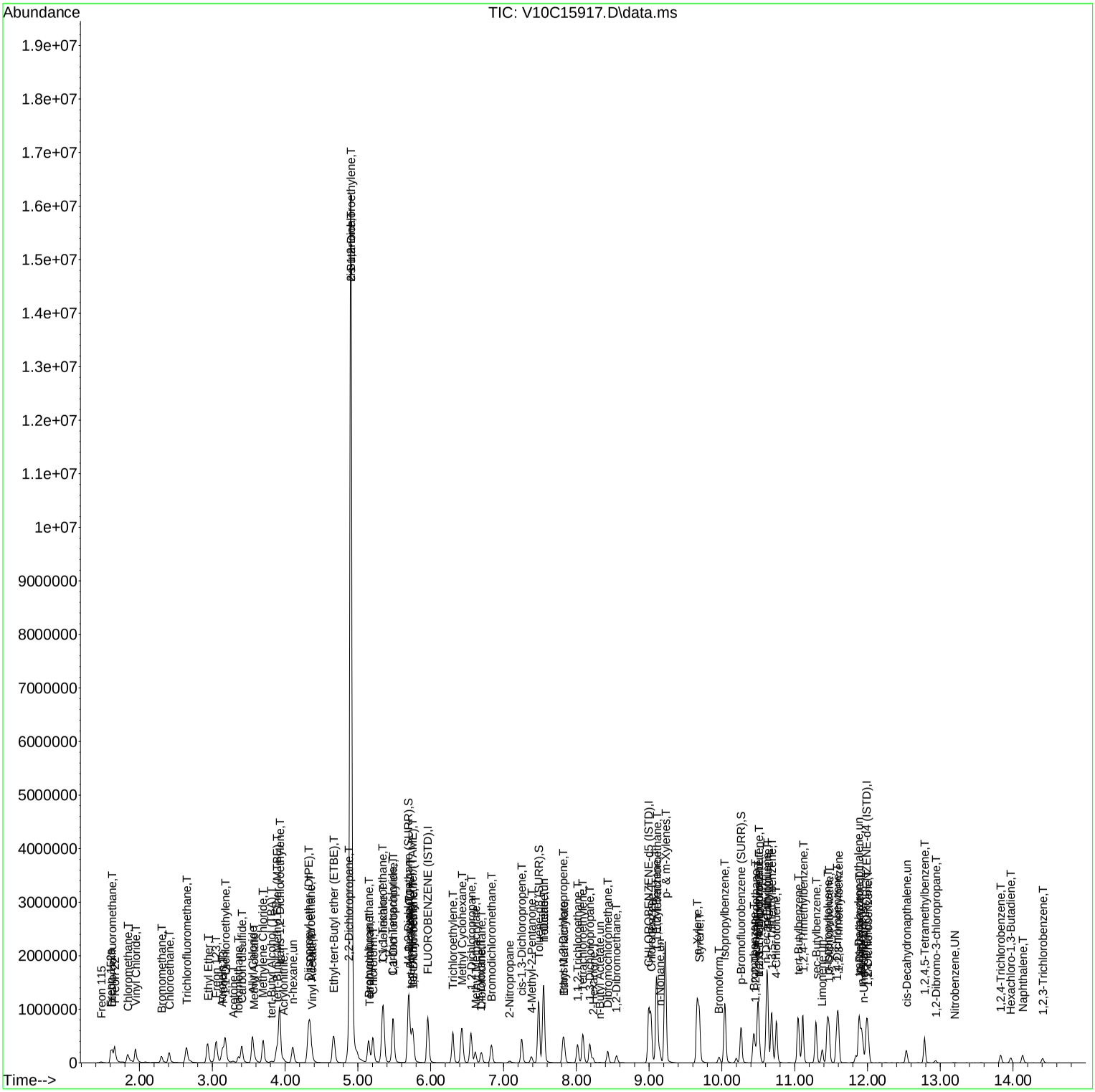
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	36680	6.68	ppb	#	97
107) 1,2-Dibromo-3-chloropr...	12.936	75	13569	12.26	ppb		94
108) 1,2,4,5-Tetramethylben...	12.783	119	298127	8.62	ppb		99
109) Nitrobenzene	13.198	77	3167	11.33	ppb		91
110) 1,2,4-Trichlorobenzene	13.832	180	49385	8.23	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	20901	7.07	ppb		95
112) Naphthalene	14.131	128	131595	11.72	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	28074	9.59	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15917.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 2:56 pm
Operator : PMB
Sample : BI52044-MSD1
Misc : 25I1726-01 C Multiplr: 1.00
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 01 09:46:04 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



LCS RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007157.D
Acq On : 29 Sep 2025 1:59 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BS1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:10:45 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.733	50	104551	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.750	54	156499	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.737	152	338579	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.434	65	207977	9.75	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 97.50%			
59) Toluene-d8 (SURR)	7.253	98	912249	11.31	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 113.10%			
81) p-Bromofluorobenzene (...	10.022	95	316285	9.14	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 91.40%			
Target Compounds						Qvalue
2) Freon 115	1.369	85	8851	3.41	ppb	99
3) Freon 152a	1.499	51	124055	6.91	ppb	99
4) Dichlorodifluoromethane	1.517	85	185893	7.01	ppb	99
5) Freon 22	1.547	51	287696	11.78	ppb	98
6) Chloromethane	1.717	50	175784	7.32	ppb	99
7) Vinyl Chloride	1.809	62	219155	7.46	ppb	99
8) Bromomethane	2.143	94	172375	8.56	ppb	98
9) Chloroethane	2.247	64	219559	10.70	ppb	100
10) Trichlorofluoromethane	2.490	101	533396	8.32	ppb	100
11) Ethyl Ether	2.770	59	378478	16.21	ppb	99
13) Freon 123	2.855	83	465793	8.77	ppb	99
14) 1,1-Dichloroethylene	2.995	61	513183	8.60	ppb	99
15) Freon 113	2.983	101	336029	8.46	ppb	99
16) Acrolein	2.916	56	43290	18.54	ppb	99
17) Acetone	3.062	58	18726	10.44	ppb	97
18) Iodomethane	3.159	142	168498	5.12	ppb	99
19) Carbon disulfide	3.214	76	817305	8.20	ppb	100
20) Allyl Chloride	3.348	41	475568	7.99	ppb	91
21) Methyl Acetate	3.366	43	228026	14.64	ppb	99
22) tert-Butyl Alcohol (TBA)	3.597	59	53329	47.96	ppb	94
23) Methylene Chloride	3.476	49	486252	10.29	ppb	99
24) Acrylonitrile	3.713	53	34456	9.32	ppb	90
25) trans-1,2-Dichloroethy...	3.719	61	226773	7.78	ppb	98
26) tert-Butyl Methyl Ethe...	3.707	73	360840	8.04	ppb	99
27) n-hexane	3.944	57	119094	4.42	ppb	98
28) 1,1-Dichloroethane	4.120	63	293568	8.11	ppb	100
29) Vinyl Acetate	4.157	86	16997	6.63	ppb	42
30) Diisopropyl ether (DIPE)	4.145	45	453289	7.92	ppb	99
31) Ethyl-tert-Butyl ether...	4.479	59	420714	7.95	ppb	99
32) cis-1,2-Dichloroethylene	4.668	61	272528	8.53	ppb	99
33) 2-Butanone	4.674	72	13818	8.62	ppb	90
34) 2,2-Dichloropropane	4.650	77	242228	8.92	ppb	97
35) Tetrahydrofuran	4.936	71	12136	9.79	ppb	91
36) Bromochloromethane	4.899	49	120982	8.42	ppb	97
37) Chloroform	4.966	83	307772	8.04	ppb	100
38) 1,1,1-Trichloroethane	5.118	97	273991	8.29	ppb	98
39) Cyclohexane	5.161	56	245630	6.68	ppb	98
40) 1,1-Dichloropropylene	5.270	75	237163	7.52	ppb	99
42) Carbon Tetrachloride	5.276	117	240880	8.04	ppb	99
43) tert-Amyl alcohol (TAA)	5.483	59	78214	87.85	ppb	92
44) 1,2-Dichloroethane	5.507	62	215062	8.38	ppb	99
45) Benzene	5.471	78	715364	8.40	ppb	99
46) tert-Amyl methyl ether...	5.550	73	389050	8.44	ppb	98

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007157.D
Acq On : 29 Sep 2025 1:59 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BS1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:10:45 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Trichloroethylene	6.079	95	178042	9.42	ppb		97
49) Methyl Cyclohexane	6.244	83	223034	7.74	ppb	#	75
50) Methyl Methacrylate	6.384	69	84610	11.27	ppb		94
51) Dibromomethane	6.432	93	89520	10.51	ppb		99
52) Bromodichloromethane	6.578	83	218732	10.00	ppb		99
53) 1,2-Dichloropropane	6.304	63	165106	9.60	ppb		97
54) 1,4-Dioxane	6.444	88	23563	213.71	ppb		95
55) 2-Nitropropane	6.797	43	28196	9.76	ppb		94
57) cis-1,3-Dichloropropene	7.004	75	259875	10.90	ppb		99
58) 4-Methyl-2-Pentanone	7.132	43	96530	11.54	ppb		99
60) Toluene	7.320	91	833833	10.40	ppb		100
61) n-Octane	7.387	85	33019	6.18	ppb		98
62) Ethyl Methacrylate	7.612	69	166306	10.54	ppb		97
63) trans-1,3-Dichloropropene	7.558	75	217335	11.18	ppb		99
64) 1,1,2-Trichloroethane	7.752	97	124003	10.74	ppb		100
65) 1,3-Dichloropropane	7.923	76	217797	10.60	ppb		99
66) Tetrachloroethylene	7.880	166	169007	8.40	ppb		99
67) 2-Hexanone	7.977	43	67971	11.07	ppb		99
68) n-Butyl Actetate	8.087	43	8131	0.57	ppb	#	79
69) Dibromochloromethane	8.172	129	145236	10.92	ppb		99
70) 1,2-Dibromoethane	8.288	107	118772	11.17	ppb		97
71) Chlorobenzene	8.787	112	506123	10.38	ppb		98
72) 1,1,1,2-tetrachloroethane	8.872	131	165641	10.25	ppb		99
73) n-Nonane	8.975	57	37622	13.75	ppb		96
74) Ethyl Benzene	8.878	91	936156	10.70	ppb		99
75) p- & m-Xylenes	8.999	91	1544215	22.81	ppb		100
76) o-Xylene	9.431	91	769736	11.34	ppb		100
77) Styrene	9.450	104	573791	10.72	ppb		99
78) Bromoform	9.693	173	76326	11.58	ppb		99
80) Isopropylbenzene	9.821	105	836371	8.93	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.192	83	162468	9.09	ppb		100
83) Bromobenzene	10.192	77	303064	8.40	ppb		97
84) trans-1,4-Dichloro-2-b...	10.247	75	161713	9.55	ppb	#	96
85) 1,2,3-Trichloropropane	10.241	110	44484	9.50	ppb		96
86) n-Propylbenzene	10.277	91	998839	8.99	ppb		99
87) n-Decane	10.435	57	44006	15.05	ppb		99
88) p-Ethyltoluene	10.399	105	872548	9.07	ppb		100
89) 1,3,5-Trimethylbenzene	10.466	105	742645	9.64	ppb		100
90) 2-Chlorotoluene	10.393	91	717595	9.01	ppb		99
91) 4-Chlorotoluene	10.514	91	692073	9.41	ppb		100
92) tert-Butylbenzene	10.831	119	528675	9.07	ppb		100
93) 1,2,4-Trimethylbenzene	10.891	105	768145	9.82	ppb		99
94) sec-Butylbenzene	11.074	105	739247	9.33	ppb		99
95) Limonene	11.177	68	100939	7.11	ppb		98
96) 1,3-Dichlorobenzene	11.232	146	399487	9.25	ppb		99
97) p-Isopropyltoluene	11.232	119	686395	9.44	ppb		100
98) 1,4-Dichlorobenzene	11.336	146	395852	9.61	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	790160	9.79	ppb		100
100) p-Diethylbenzene	11.670	105	364828	9.59	ppb		100
101) trans-Decahydronapthalene	11.682	138	47422	12.72	ppb		98
102) 1,2-Dichlorobenzene	11.761	146	371985	9.40	ppb		99
103) n-Butylbenzene	11.701	91	691483	9.61	ppb		99
105) n-Undecane	11.774	71	26428	11.06	ppb		93
106) cis-Decahydronapthalene	12.327	138	32006	7.67	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.656	75	23161	9.25	ppb		95
108) 1,2,4,5-Tetramethylben...	12.564	119	520716	9.21	ppb		100
109) Nitrobenzene	12.899	77	4665	7.33	ppb		99

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007157.D
Acq On : 29 Sep 2025 1:59 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BS1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:10:45 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

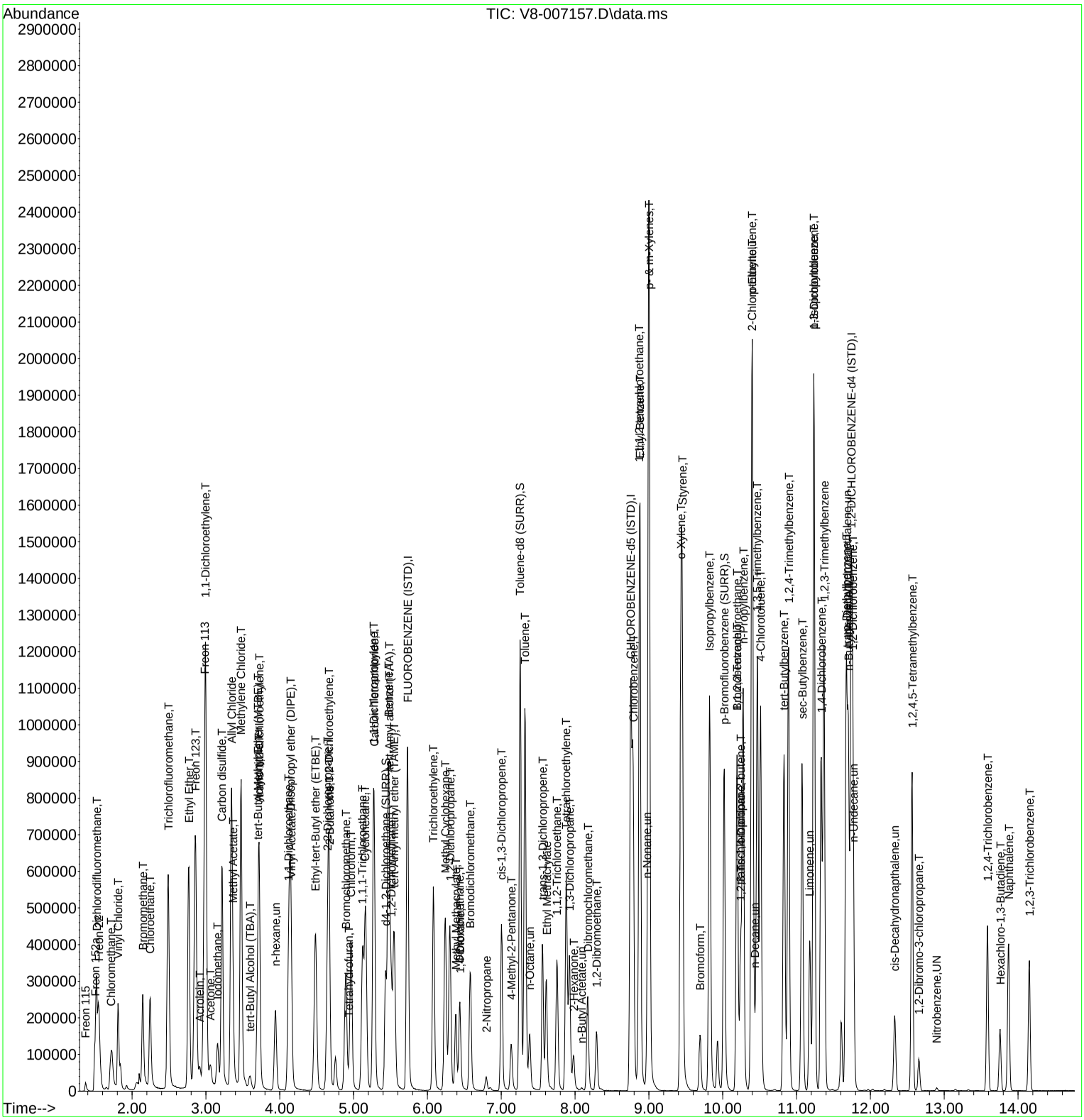
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) 1,2,4-Trichlorobenzene	13.586	180	135538	9.20	ppb	99
111) Hexachloro-1,3-Butadiene	13.757	225	29634	8.87	ppb	96
112) Naphthalene	13.872	128	348807	9.52	ppb	100
113) 1,2,3-Trichlorobenzene	14.152	180	106416	9.13	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007157.D
Acq On : 29 Sep 2025 1:59 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BS1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:10:45 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007159.D
Acq On : 29 Sep 2025 3:03 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BSD1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:11:20 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.733	50	103561	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.756	54	156150	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.737	152	338762	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.434	65	208889	9.88	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 98.80%			
59) Toluene-d8 (SURR)	7.253	98	921829	11.46	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 114.60%			
81) p-Bromofluorobenzene (...	10.021	95	315364	9.11	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 91.10%			
Target Compounds						Qvalue
2) Freon 115	1.369	85	8259	3.22	ppb	98
3) Freon 152a	1.499	51	118521	6.67	ppb	99
4) Dichlorodifluoromethane	1.517	85	183312	6.98	ppb	99
5) Freon 22	1.547	51	289951	11.99	ppb	99
6) Chloromethane	1.723	50	172990	7.27	ppb	99
7) Vinyl Chloride	1.809	62	217477	7.48	ppb	100
8) Bromomethane	2.143	94	177522	8.90	ppb	98
9) Chloroethane	2.247	64	215721	10.61	ppb	100
10) Trichlorofluoromethane	2.490	101	525649	8.28	ppb	99
11) Ethyl Ether	2.770	59	368626	15.93	ppb	99
13) Freon 123	2.855	83	459492	8.74	ppb	99
14) 1,1-Dichloroethylene	2.995	61	505659	8.56	ppb	99
15) Freon 113	2.983	101	328585	8.35	ppb	99
16) Acrolein	2.916	56	44434	19.21	ppb	96
17) Acetone	3.068	58	17754	9.99	ppb	93
18) Iodomethane	3.159	142	170623	5.23	ppb	100
19) Carbon disulfide	3.220	76	804588	8.15	ppb	100
20) Allyl Chloride	3.348	41	467042	7.92	ppb	91
21) Methyl Acetate	3.366	43	225825	14.63	ppb	100
22) tert-Butyl Alcohol (TBA)	3.597	59	54161	49.16	ppb	95
23) Methylene Chloride	3.476	49	538285	11.52	ppb	98
24) Acrylonitrile	3.713	53	34424	9.40	ppb	92
25) trans-1,2-Dichloroethy...	3.719	61	230520	7.99	ppb	98
26) tert-Butyl Methyl Ethe...	3.707	73	364750	8.20	ppb	99
27) n-hexane	3.944	57	119975	4.50	ppb	98
28) 1,1-Dichloroethane	4.120	63	300507	8.38	ppb	100
29) Vinyl Acetate	4.151	86	16885	6.65	ppb	35
30) Diisopropyl ether (DIPE)	4.145	45	460513	8.13	ppb	100
31) Ethyl-tert-Butyl ether...	4.485	59	431876	8.24	ppb	99
32) cis-1,2-Dichloroethylene	4.668	61	277081	8.75	ppb	99
33) 2-Butanone	4.674	72	13849	8.72	ppb	95
34) 2,2-Dichloropropane	4.650	77	253273	9.41	ppb	96
35) Tetrahydrofuran	4.942	71	11714	9.54	ppb	94
36) Bromochloromethane	4.899	49	124491	8.75	ppb	98
37) Chloroform	4.966	83	313784	8.27	ppb	100
38) 1,1,1-Trichloroethane	5.124	97	276324	8.44	ppb	99
39) Cyclohexane	5.161	56	247602	6.80	ppb	98
40) 1,1-Dichloropropylene	5.276	75	242868	7.77	ppb	98
42) Carbon Tetrachloride	5.276	117	245440	8.27	ppb	100
43) tert-Amyl alcohol (TAA)	5.483	59	81542	91.93	ppb	91
44) 1,2-Dichloroethane	5.507	62	221454	8.71	ppb	99
45) Benzene	5.471	78	724220	8.58	ppb	99
46) tert-Amyl methyl ether...	5.550	73	398291	8.72	ppb	98

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007159.D
Acq On : 29 Sep 2025 3:03 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BSD1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:11:20 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Trichloroethylene	6.079	95	183228	9.72	ppb		98
49) Methyl Cyclohexane	6.244	83	228284	7.94	ppb	#	74
50) Methyl Methacrylate	6.383	69	86120	11.50	ppb		96
51) Dibromomethane	6.438	93	89262	10.50	ppb		98
52) Bromodichloromethane	6.578	83	224338	10.28	ppb		100
53) 1,2-Dichloropropane	6.304	63	171139	9.97	ppb		98
54) 1,4-Dioxane	6.438	88	23514	213.74	ppb		96
55) 2-Nitropropane	6.797	43	28439	9.87	ppb		97
57) cis-1,3-Dichloropropene	7.004	75	264644	11.12	ppb		99
58) 4-Methyl-2-Pentanone	7.138	43	97350	11.66	ppb		98
60) Toluene	7.326	91	850012	10.63	ppb		100
61) n-Octane	7.387	85	34601	6.52	ppb		97
62) Ethyl Methacrylate	7.612	69	171060	10.87	ppb		99
63) trans-1,3-Dichloropropene	7.558	75	222539	11.48	ppb		99
64) 1,1,2-Trichloroethane	7.752	97	125270	10.87	ppb		99
65) 1,3-Dichloropropane	7.923	76	218733	10.67	ppb		99
66) Tetrachloroethylene	7.880	166	169584	8.44	ppb		99
67) 2-Hexanone	7.977	43	68689	11.21	ppb		99
68) n-Butyl Actetate	8.093	43	4441	0.31	ppb	#	87
69) Dibromochloromethane	8.172	129	145849	10.99	ppb		99
70) 1,2-Dibromoethane	8.288	107	119658	11.28	ppb		98
71) Chlorobenzene	8.786	112	513590	10.56	ppb		98
72) 1,1,1,2-tetrachloroethane	8.872	131	169484	10.51	ppb		99
73) n-Nonane	8.975	57	39256	14.16	ppb		97
74) Ethyl Benzene	8.878	91	951402	10.90	ppb		99
75) p- & m-Xylenes	8.999	91	1576582	23.34	ppb		100
76) o-Xylene	9.431	91	780142	11.52	ppb		99
77) Styrene	9.456	104	580069	10.87	ppb		99
78) Bromoform	9.693	173	77783	11.82	ppb		99
80) Isopropylbenzene	9.821	105	837693	8.94	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.198	83	166528	9.31	ppb		99
83) Bromobenzene	10.192	77	306780	8.50	ppb		96
84) trans-1,4-Dichloro-2-b...	10.240	75	160833	9.49	ppb	#	96
85) 1,2,3-Trichloropropane	10.240	110	45348	9.68	ppb		99
86) n-Propylbenzene	10.277	91	1012790	9.11	ppb		99
87) n-Decane	10.435	57	43911	15.03	ppb		99
88) p-Ethyltoluene	10.399	105	888525	9.23	ppb		100
89) 1,3,5-Trimethylbenzene	10.466	105	759731	9.86	ppb		100
90) 2-Chlorotoluene	10.393	91	722011	9.06	ppb		99
91) 4-Chlorotoluene	10.514	91	692964	9.42	ppb		99
92) tert-Butylbenzene	10.831	119	532520	9.14	ppb		100
93) 1,2,4-Trimethylbenzene	10.891	105	777487	9.93	ppb		99
94) sec-Butylbenzene	11.074	105	745564	9.41	ppb		99
95) Limonene	11.177	68	103333	7.27	ppb		99
96) 1,3-Dichlorobenzene	11.232	146	403930	9.34	ppb		98
97) p-Isopropyltoluene	11.238	119	694730	9.55	ppb		100
98) 1,4-Dichlorobenzene	11.335	146	398625	9.67	ppb		99
99) 1,2,3-Trimethylbenzene	11.372	105	795968	9.85	ppb		99
100) p-Diethylbenzene	11.670	105	369502	9.71	ppb	#	84
101) trans-Decahydronapthalene	11.682	138	48276	12.89	ppb		98
102) 1,2-Dichlorobenzene	11.761	146	376248	9.50	ppb		98
103) n-Butylbenzene	11.701	91	701089	9.73	ppb	#	87
105) n-Undecane	11.774	71	26611	11.10	ppb		93
106) cis-Decahydronapthalene	12.333	138	32962	7.90	ppb	#	97
107) 1,2-Dibromo-3-chloropr...	12.656	75	23681	9.45	ppb		96
108) 1,2,4,5-Tetramethylben...	12.564	119	527543	9.32	ppb		100
109) Nitrobenzene	12.893	77	4333	6.80	ppb		93

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007159.D
Acq On : 29 Sep 2025 3:03 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BSD1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:11:20 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration

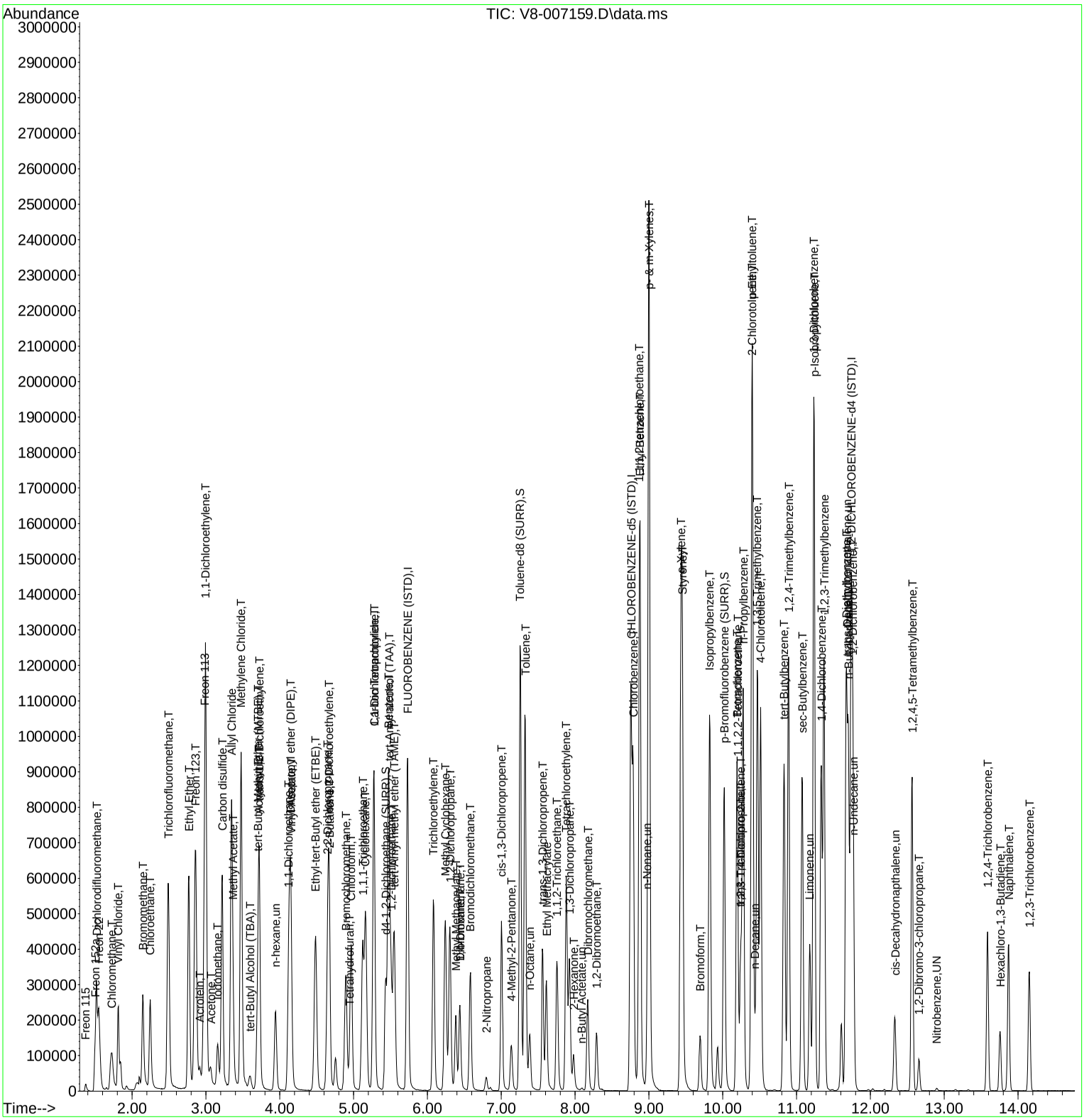
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) 1,2,4-Trichlorobenzene	13.586	180	138321	9.38	ppb	99
111) Hexachloro-1,3-Butadiene	13.757	225	30832	9.22	ppb	97
112) Naphthalene	13.872	128	353553	9.65	ppb	99
113) 1,2,3-Trichlorobenzene	14.152	180	108196	9.27	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\V8-09-29-25\
Data File : V8-007159.D
Acq On : 29 Sep 2025 3:03 pm
Operator : PMB
InstName : VOA No. 8
Sample : BI52027-BSD1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 30 10:11:20 2025
Quant Method : C:\msdchem\1\methods\V8-8260D-R091725.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri Sep 19 12:19:13 2025
Response via : Initial Calibration



LCS RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data File : V10C15896.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:57 am
Operator : PMB
Sample : BI52044-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:23 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.962	50	105431	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.992	54	155776	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	202908	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	185268	10.16	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 101.60%				
59) Toluene-d8 (SURR)	7.480	98	893541	9.71	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 97.10%				
81) p-Bromofluorobenzene (...	10.260	95	293949	9.78	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 97.80%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	6780	3.30	ppb		98
3) Freon 152a	1.605	51	145699	6.92	ppb		94
4) Dichlorodifluoromethane	1.628	85	177797	7.55	ppb		100
5) Freon 22	1.658	51	370827	13.67	ppb		96
6) Chloromethane	1.834	50	212470	8.33	ppb		100
7) Vinyl Chloride	1.944	62	257274	8.68	ppb		99
8) Bromomethane	2.298	94	78779	11.21	ppb		97
9) Chloroethane	2.401	64	175233	12.83	ppb		99
10) Trichlorofluoromethane	2.645	101	286182	9.90	ppb		100
11) Ethyl Ether	2.932	59	222634	17.50	ppb		96
13) Freon 123	3.054	83	289155	10.18	ppb		99
14) 1,1-Dichloroethylene	3.176	61	334622	9.98	ppb		98
15) Freon 113	3.145	101	175076	9.64	ppb		96
16) Acrolein	3.133	56	24017	18.27	ppb		91
17) Acetone	3.285	58	10024	10.32	ppb		95
18) Iodomethane	3.358	142	96506	6.52	ppb		91
19) Carbon disulfide	3.401	76	544853	8.84	ppb		100
20) Allyl Chloride	3.547	41	362376	9.26	ppb		99
21) Methyl Acetate	3.578	43	107280	13.88	ppb		100
22) tert-Butyl Alcohol (TBA)	3.816	59	30365	44.47	ppb		97
23) Methylene Chloride	3.694	49	351671	11.69	ppb		100
24) Acrylonitrile	3.980	53	31538	9.67	ppb		94
25) trans-1,2-Dichloroethy...	3.925	61	320959	9.84	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	345564	10.57	ppb		99
27) n-hexane	4.102	57	225232	5.47	ppb		98
28) 1,1-Dichloroethane	4.346	63	393033	9.55	ppb		99
29) Vinyl Acetate	4.377	86	13395	6.60	ppb		70
30) Diisopropyl ether (DIPE)	4.322	45	614077	9.07	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	475325	9.77	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	325885	9.73	ppb		97
33) 2-Butanone	4.931	72	11145	11.28	ppb		83
34) 2,2-Dichloropropane	4.870	77	225609	7.90	ppb		98
35) Tetrahydrofuran	5.163	71	8770	10.24	ppb		90
36) Bromochloromethane	5.145	49	141034	9.66	ppb		97
37) Chloroform	5.206	83	329851	9.87	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	296603	10.33	ppb		99
39) Cyclohexane	5.346	56	412844	8.72	ppb		98
40) 1,1-Dichloropropylene	5.486	75	293106	9.21	ppb		99
42) Carbon Tetrachloride	5.480	117	238716	10.23	ppb		100
43) tert-Amyl alcohol (TAA)	5.718	59	62244	85.80	ppb	#	34
44) 1,2-Dichloroethane	5.760	62	186516	10.07	ppb		99

Quantitation Report (QT Reviewed)

Data File : V10C15896.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:57 am
Operator : PMB
Sample : BI52044-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:23 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	884653	10.06	ppb		100
46) tert-Amyl methyl ether...	5.742	73	427680	10.53	ppb		96
48) Trichloroethylene	6.303	95	202876	8.91	ppb		98
49) Methyl Cyclohexane	6.425	83	384029	8.63	ppb		80
50) Methyl Methacrylate	6.614	69	72049	10.12	ppb		93
51) Dibromomethane	6.693	93	70267	9.47	ppb		95
52) Bromodichloromethane	6.833	83	212637	9.28	ppb		100
53) 1,2-Dichloropropane	6.553	63	210412	9.00	ppb		99
54) 1,4-Dioxane	6.687	88	16419	195.75	ppb		96
55) 2-Nitropropane	7.083	43	22501	9.19	ppb		100
57) cis-1,3-Dichloropropene	7.248	75	267959	9.34	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	77724	9.35	ppb	#	97
60) Toluene	7.547	91	926383	9.62	ppb		100
61) n-Octane	7.553	85	79969	6.65	ppb		96
62) Ethyl Methacrylate	7.839	69	138652	9.24	ppb		95
63) trans-1,3-Dichloropropene	7.815	75	195552	9.37	ppb		99
64) 1,1,2-Trichloroethane	8.016	97	104816	9.82	ppb		98
65) 1,3-Dichloropropane	8.187	76	203297	9.45	ppb		98
66) Tetrachloroethylene	8.089	166	179413	7.42	ppb		97
67) 2-Hexanone	8.229	43	50780	9.35	ppb		99
68) n-Butyl Actetate	8.321	43	4743	0.32	ppb	#	96
69) Dibromochloromethane	8.431	129	107329	9.68	ppb		98
70) 1,2-Dibromoethane	8.553	107	90344	9.73	ppb		100
71) Chlorobenzene	9.022	112	490038	9.54	ppb		99
72) 1,1,1,2-tetrachloroethane	9.113	131	139550	9.45	ppb		98
73) n-Nonane	9.150	57	74676	7.81	ppb		96
74) Ethyl Benzene	9.101	91	1027992	9.72	ppb		100
75) p- & m-Xylenes	9.223	91	1580474	20.01	ppb		100
76) o-Xylene	9.662	91	745077	10.03	ppb		100
77) Styrene	9.686	104	518454	9.61	ppb		99
78) Bromoform	9.961	173	46447	9.75	ppb		98
80) Isopropylbenzene	10.040	105	891979	9.26	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.461	83	105448	9.60	ppb		99
83) Bromobenzene	10.436	77	282372	8.84	ppb		98
84) trans-1,4-Dichloro-2-b...	10.516	75	109210	9.18	ppb		98
85) 1,2,3-Trichloropropane	10.516	110	27107	9.56	ppb		98
86) n-Propylbenzene	10.497	91	1067395	9.21	ppb		100
87) n-Decane	10.607	57	61897	7.81	ppb		93
88) p-Ethyltoluene	10.619	105	814527	9.13	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	659261	9.70	ppb		99
90) 2-Chlorotoluene	10.625	91	654465	9.20	ppb		100
91) 4-Chlorotoluene	10.747	91	578342	9.42	ppb		99
92) tert-Butylbenzene	11.046	119	518520	9.30	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	614991	9.63	ppb		99
94) sec-Butylbenzene	11.290	105	745263	9.33	ppb		99
95) Limonene	11.375	68	101926	5.00	ppb		97
96) 1,3-Dichlorobenzene	11.473	146	261630	9.07	ppb		99
97) p-Isopropyltoluene	11.448	119	589527	9.35	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	256615	9.12	ppb		98
99) 1,2,3-Trimethylbenzene	11.601	105	562391	9.57	ppb		99
100) p-Diethylbenzene	11.887	105	296702	9.43	ppb		99
101) trans-Decahydronapthalene	11.881	138	62303	7.85	ppb		98
102) 1,2-Dichlorobenzene	12.009	146	209641	9.21	ppb		98
103) n-Butylbenzene	11.918	91	587491	9.35	ppb		99
105) n-Undecane	11.942	71	23423	5.59	ppb		96

Quantitation Report (QT Reviewed)

Data File : V10C15896.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:57 am
Operator : PMB
Sample : BI52044-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:23 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

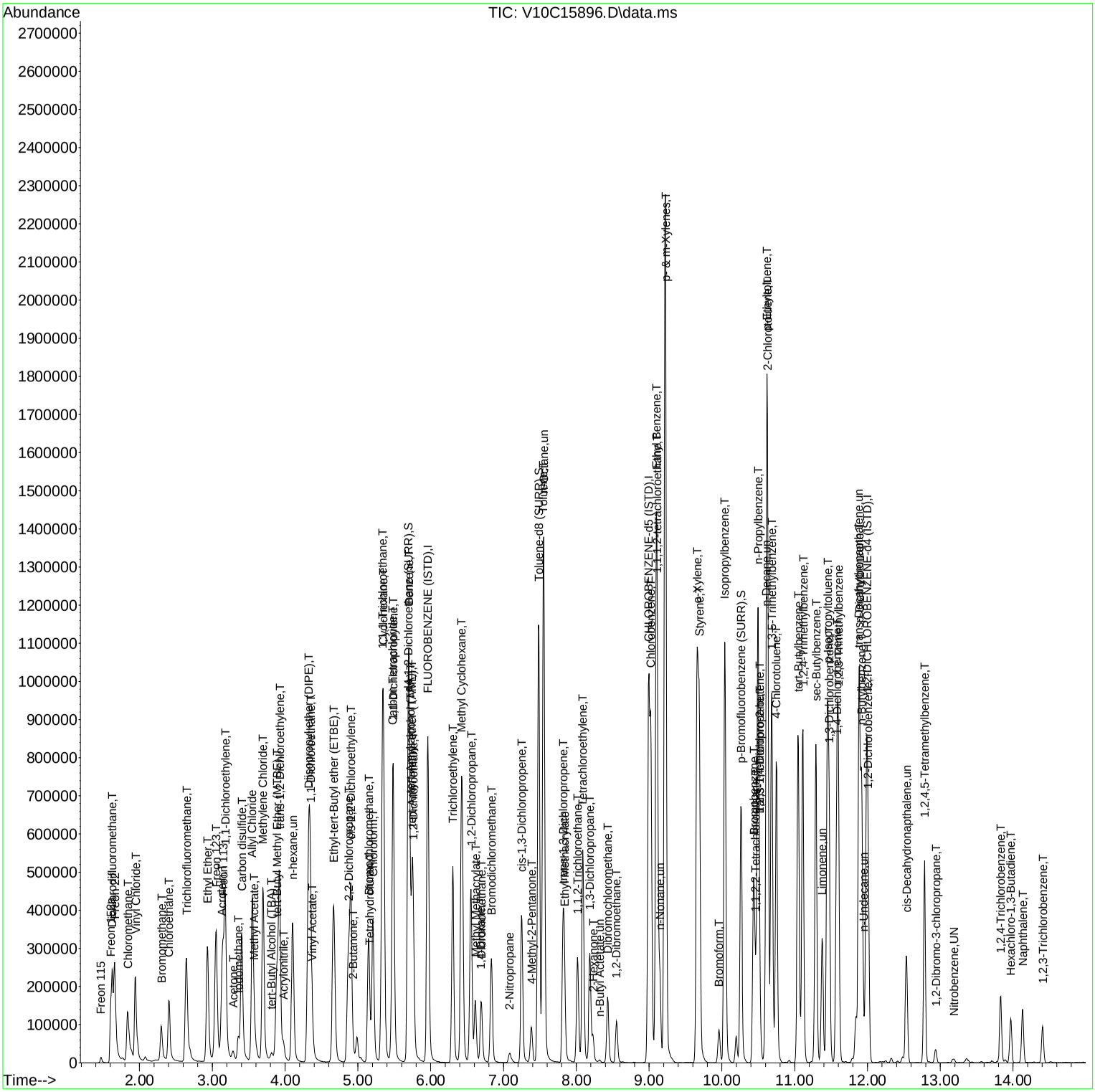
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	47696	8.61	ppb	#	100
107) 1,2-Dibromo-3-chloropr...	12.936	75	11848	10.62	ppb		90
108) 1,2,4,5-Tetramethylben...	12.783	119	338026	9.70	ppb		99
109) Nitrobenzene	13.192	77	5093	17.98	ppb		91
110) 1,2,4-Trichlorobenzene	13.832	180	60221	9.96	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	25531	8.57	ppb		94
112) Naphthalene	14.131	128	128143	11.32	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	32832	11.13	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15896.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 4:57 am
Operator : PMB
Sample : BI52044-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 93
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:40:23 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15897.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 5:26 am
Operator : PMB
Sample : BI52044-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:41:11 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.961	50	102682	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	150520	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.991	152	191942	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.693	65	176446	9.93	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 99.30%				
59) Toluene-d8 (SURR)	7.485	98	870763	9.80	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 98.00%				
81) p-Bromofluorobenzene (...	10.265	95	284034	9.99	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 99.90%				
Target Compounds							Qvalue
2) Freon 115	1.475	85	20060	10.17	ppb		99
3) Freon 152a	1.610	51	179747	8.77	ppb		99
4) Dichlorodifluoromethane	1.628	85	266078	11.60	ppb		100
5) Freon 22	1.657	51	523709	19.83	ppb		95
6) Chloromethane	1.840	50	254230	10.23	ppb		99
7) Vinyl Chloride	1.944	62	301297	10.43	ppb		100
8) Bromomethane	2.303	94	84531	12.27	ppb		100
9) Chloroethane	2.407	64	189413	14.24	ppb		99
10) Trichlorofluoromethane	2.645	101	318577	11.32	ppb		100
11) Ethyl Ether	2.938	59	244074	19.70	ppb		97
13) Freon 123	3.053	83	300513	10.87	ppb		99
14) 1,1-Dichloroethylene	3.181	61	360018	11.03	ppb		99
15) Freon 113	3.145	101	190918	10.79	ppb		96
16) Acrolein	3.133	56	20303	15.85	ppb		97
17) Acetone	3.291	58	10313	10.90	ppb		93
18) Iodomethane	3.358	142	99814	6.92	ppb		98
19) Carbon disulfide	3.407	76	596607	9.94	ppb		100
20) Allyl Chloride	3.553	41	367076	9.63	ppb		100
21) Methyl Acetate	3.584	43	58079	7.72	ppb		100
22) tert-Butyl Alcohol (TBA)	3.815	59	16517	25.66	ppb		95
23) Methylene Chloride	3.700	49	341656	11.66	ppb		99
24) Acrylonitrile	3.980	53	30508	9.60	ppb		95
25) trans-1,2-Dichloroethy...	3.925	61	340578	10.73	ppb		99
26) tert-Butyl Methyl Ethe...	3.889	73	324095	10.18	ppb		99
27) n-hexane	4.102	57	370289	9.23	ppb		97
28) 1,1-Dichloroethane	4.346	63	410697	10.24	ppb		99
29) Vinyl Acetate	4.376	86	21671	10.96	ppb		94
30) Diisopropyl ether (DIPE)	4.321	45	639122	9.69	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	473049	9.98	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	340556	10.44	ppb		97
33) 2-Butanone	4.925	72	10376	10.79	ppb		87
34) 2,2-Dichloropropane	4.870	77	227486	8.18	ppb		96
35) Tetrahydrofuran	5.169	71	8819	10.58	ppb		94
36) Bromochloromethane	5.144	49	145338	10.23	ppb		97
37) Chloroform	5.205	83	345858	10.63	ppb		99
38) 1,1,1-Trichloroethane	5.339	97	311456	11.14	ppb		99
39) Cyclohexane	5.346	56	442767	9.60	ppb		98
40) 1,1-Dichloropropylene	5.486	75	315385	10.17	ppb		99
42) Carbon Tetrachloride	5.480	117	253209	11.14	ppb		100
43) tert-Amyl alcohol (TAA)	5.724	59	57558	81.46	ppb	#	39
44) 1,2-Dichloroethane	5.760	62	190229	10.55	ppb		99

Data File : V10C15897.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 5:26 am
Operator : PMB
Sample : BI52044-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:41:11 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Benzene	5.699	78	939801	10.98	ppb		98
46) tert-Amyl methyl ether...	5.742	73	420399	10.63	ppb		96
48) Trichloroethylene	6.303	95	214183	9.73	ppb		99
49) Methyl Cyclohexane	6.431	83	411292	9.56	ppb		80
50) Methyl Methacrylate	6.614	69	71963	10.46	ppb		93
51) Dibromomethane	6.699	93	70896	9.88	ppb		97
52) Bromodichloromethane	6.833	83	221476	10.01	ppb		99
53) 1,2-Dichloropropane	6.553	63	220525	9.76	ppb		98
54) 1,4-Dioxane	6.687	88	15288	188.63	ppb		95
55) 2-Nitropropane	7.083	43	21459	9.07	ppb		98
57) cis-1,3-Dichloropropene	7.248	75	275181	9.92	ppb		99
58) 4-Methyl-2-Pentanone	7.382	43	73316	9.13	ppb	#	95
60) Toluene	7.552	91	974770	10.47	ppb		100
61) n-Octane	7.559	85	98163	8.45	ppb		97
62) Ethyl Methacrylate	7.839	69	137817	9.51	ppb		94
63) trans-1,3-Dichloropropene	7.815	75	195038	9.67	ppb		100
64) 1,1,2-Trichloroethane	8.016	97	103782	10.06	ppb		99
65) 1,3-Dichloropropane	8.186	76	204423	9.84	ppb		98
66) Tetrachloroethylene	8.089	166	189638	8.12	ppb		97
67) 2-Hexanone	8.229	43	45789	8.73	ppb		97
68) n-Butyl Actetate	8.321	43	119612	8.23	ppb		99
69) Dibromochloromethane	8.430	129	109322	10.21	ppb		98
70) 1,2-Dibromoethane	8.552	107	90950	10.14	ppb		99
71) Chlorobenzene	9.028	112	513734	10.35	ppb		100
72) 1,1,1,2-tetrachloroethane	9.113	131	145273	10.18	ppb		99
73) n-Nonane	9.150	57	89093	9.41	ppb		97
74) Ethyl Benzene	9.101	91	1078991	10.56	ppb		100
75) p- & m-Xylenes	9.223	91	1622811	21.26	ppb		100
76) o-Xylene	9.662	91	766276	10.68	ppb		100
77) Styrene	9.692	104	538177	10.32	ppb		99
78) Bromoform	9.961	173	46346	10.07	ppb		99
80) Isopropylbenzene	10.040	105	942574	10.34	ppb		100
82) 1,1,2,2-Tetrachloroethane	10.467	83	105379	10.15	ppb		97
83) Bromobenzene	10.436	77	291524	9.65	ppb		98
84) trans-1,4-Dichloro-2-b...	10.515	75	107697	9.57	ppb		99
85) 1,2,3-Trichloropropane	10.515	110	27263	10.16	ppb		98
86) n-Propylbenzene	10.497	91	1117537	10.19	ppb		100
87) n-Decane	10.607	57	73869	9.30	ppb		96
88) p-Ethyltoluene	10.619	105	865891	10.26	ppb		99
89) 1,3,5-Trimethylbenzene	10.686	105	679833	10.57	ppb		100
90) 2-Chlorotoluene	10.625	91	688769	10.23	ppb		100
91) 4-Chlorotoluene	10.747	91	604768	10.41	ppb		99
92) tert-Butylbenzene	11.052	119	537957	10.20	ppb		98
93) 1,2,4-Trimethylbenzene	11.113	105	641638	10.62	ppb		100
94) sec-Butylbenzene	11.290	105	780901	10.34	ppb		99
95) Limonene	11.375	68	118678	6.15	ppb		98
96) 1,3-Dichlorobenzene	11.472	146	273322	10.02	ppb		98
97) p-Isopropyltoluene	11.448	119	622497	10.44	ppb		99
98) 1,4-Dichlorobenzene	11.576	146	266581	10.01	ppb		98
99) 1,2,3-Trimethylbenzene	11.600	105	580459	10.44	ppb		100
100) p-Diethylbenzene	11.887	105	310189	10.42	ppb		99
101) trans-Decahydronapthalene	11.887	138	70595	9.41	ppb		99
102) 1,2-Dichlorobenzene	12.009	146	215153	9.99	ppb		99
103) n-Butylbenzene	11.917	91	616513	10.38	ppb		99
105) n-Undecane	11.942	71	26737	6.56	ppb		97

Quantitation Report (QT Reviewed)

Data File : V10C15897.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 5:26 am
Operator : PMB
Sample : BI52044-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:41:11 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

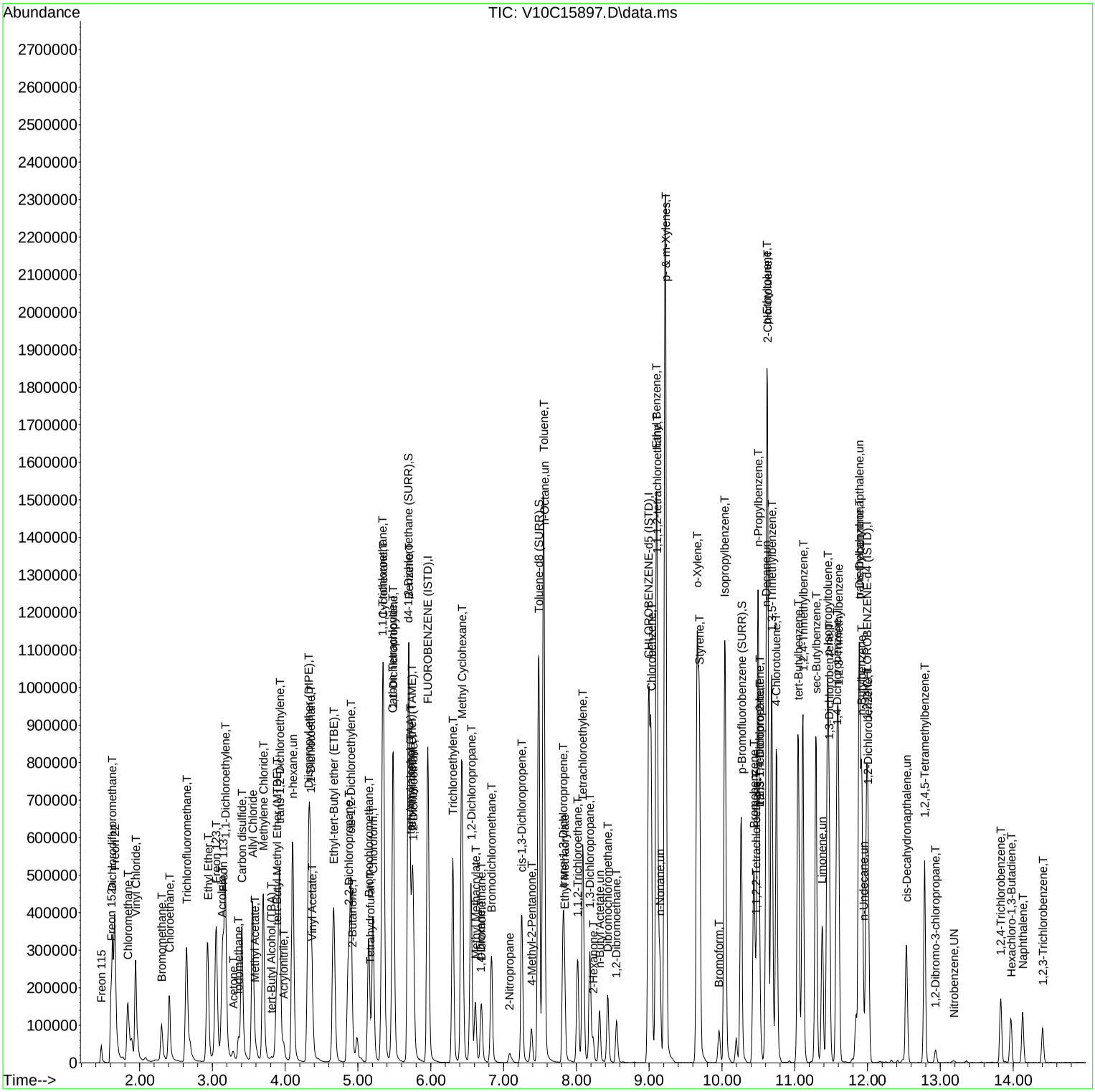
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	51358	9.81	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.929	75	11155	10.57	ppb		92
108) 1,2,4,5-Tetramethylben...	12.783	119	346061	10.49	ppb		99
109) Nitrobenzene	13.192	77	3146	11.80	ppb		92
110) 1,2,4-Trichlorobenzene	13.832	180	59528	10.40	ppb		98
111) Hexachloro-1,3-Butadiene	13.972	225	27684	9.82	ppb		96
112) Naphthalene	14.130	128	120693	11.27	ppb		99
113) 1,2,3-Trichlorobenzene	14.405	180	31422	11.26	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15897.D
Data Path : C:\msdchem\1\data\V10-09-29-2025\
Acq On : 30 Sep 2025 5:26 am
Operator : PMB
Sample : BI52044-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 94
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Sep 30 06:41:11 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



LCS RAW DATA

SDG: 25I1726
CLASS: VOA
METHOD: EPA 8260D

Quantitation Report (QT Reviewed)

Data File : V10C15973.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:08 pm
Operator : PMB
Sample : BJ50090-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 70
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:53 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) FLUOROBENZENE (ISTD)	5.955	50	104955	10.00	ppb		0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	157108	10.00	ppb		0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	206445	10.00	ppb		0.00
System Monitoring Compounds							
41) d4-1,2-Dichloroethane ...	5.687	65	185657	10.22	ppb		0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 102.20%				
59) Toluene-d8 (SURR)	7.479	98	906327	9.77	ppb		0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 97.70%				
81) p-Bromofluorobenzene (...	10.259	95	300534	9.83	ppb		0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 98.30%				
Target Compounds							Qvalue
2) Freon 115	1.469	85	10666	5.24	ppb		98
3) Freon 152a	1.604	51	168377	8.04	ppb		96
4) Dichlorodifluoromethane	1.628	85	227586	9.71	ppb		100
5) Freon 22	1.657	51	507179	18.79	ppb		95
6) Chloromethane	1.834	50	253795	9.99	ppb		99
7) Vinyl Chloride	1.944	62	291885	9.89	ppb		99
8) Bromomethane	2.297	94	108666	15.14	ppb		99
9) Chloroethane	2.401	64	195250	14.36	ppb		100
10) Trichlorofluoromethane	2.645	101	301798	10.49	ppb		99
11) Ethyl Ether	2.932	59	257745	20.35	ppb		96
13) Freon 123	3.053	83	300800	10.64	ppb		99
14) 1,1-Dichloroethylene	3.175	61	357849	10.72	ppb		99
15) Freon 113	3.145	101	180603	9.99	ppb		96
16) Acrolein	3.133	56	20843	15.92	ppb		97
17) Acetone	3.285	58	10191	10.54	ppb		92
18) Iodomethane	3.358	142	145965	9.90	ppb		98
19) Carbon disulfide	3.401	76	601088	9.80	ppb		100
20) Allyl Chloride	3.547	41	404378	10.38	ppb		99
21) Methyl Acetate	3.578	43	63505	8.25	ppb		98
22) tert-Butyl Alcohol (TBA)	3.816	59	34184	49.84	ppb		96
23) Methylene Chloride	3.694	49	324053	10.82	ppb		99
24) Acrylonitrile	3.974	53	33792	10.41	ppb		98
25) trans-1,2-Dichloroethy...	3.925	61	353192	10.88	ppb		100
26) tert-Butyl Methyl Ethe...	3.889	73	361790	11.12	ppb		98
27) n-hexane	4.102	57	332667	8.12	ppb		96
28) 1,1-Dichloroethane	4.346	63	442228	10.79	ppb		99
29) Vinyl Acetate	4.376	86	24132	11.94	ppb		92
30) Diisopropyl ether (DIPE)	4.322	45	678967	10.07	ppb		96
31) Ethyl-tert-Butyl ether...	4.669	59	514472	10.62	ppb		99
32) cis-1,2-Dichloroethylene	4.901	61	412908	12.39	ppb		97
33) 2-Butanone	4.925	72	12031	12.24	ppb		68
34) 2,2-Dichloropropane	4.870	77	269568	9.49	ppb		97
35) Tetrahydrofuran	5.163	71	9695	11.38	ppb		91
36) Bromochloromethane	5.144	49	159525	10.98	ppb		97
37) Chloroform	5.205	83	374920	11.27	ppb		100
38) 1,1,1-Trichloroethane	5.340	97	324566	11.35	ppb		99
39) Cyclohexane	5.346	56	426839	9.06	ppb		98
40) 1,1-Dichloropropylene	5.486	75	321029	10.13	ppb		99
42) Carbon Tetrachloride	5.474	117	260523	11.22	ppb		100
43) tert-Amyl alcohol (TAA)	5.718	59	64192	88.90	ppb	#	38
44) 1,2-Dichloroethane	5.760	62	210765	11.43	ppb		98

Data File : V10C15973.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:08 pm
Operator : PMB
Sample : BJ50090-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 70
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:53 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Benzene	5.699	78	1010479	11.55	ppb		98
46)	tert-Amyl methyl ether...	5.742	73	461239	11.41	ppb		95
48)	Trichloroethylene	6.303	95	229590	9.99	ppb		99
49)	Methyl Cyclohexane	6.425	83	385695	8.59	ppb		80
50)	Methyl Methacrylate	6.614	69	78754	10.97	ppb		93
51)	Dibromomethane	6.693	93	79469	10.62	ppb		96
52)	Bromodichloromethane	6.833	83	241292	10.44	ppb		100
53)	1,2-Dichloropropane	6.553	63	238642	10.12	ppb		98
54)	1,4-Dioxane	6.687	88	16787	198.44	ppb		98
55)	2-Nitropropane	7.083	43	24987	10.12	ppb		98
57)	cis-1,3-Dichloropropene	7.248	75	307859	10.64	ppb		100
58)	4-Methyl-2-Pentanone	7.382	43	82158	9.80	ppb	#	96
60)	Toluene	7.546	91	1043363	10.74	ppb		100
61)	n-Octane	7.553	85	92153	7.60	ppb		97
62)	Ethyl Methacrylate	7.833	69	154633	10.22	ppb		94
63)	trans-1,3-Dichloropropene	7.815	75	224349	10.66	ppb		99
64)	1,1,2-Trichloroethane	8.016	97	119243	11.08	ppb		97
65)	1,3-Dichloropropane	8.187	76	226733	10.45	ppb		97
66)	Tetrachloroethylene	8.089	166	203442	8.34	ppb		96
67)	2-Hexanone	8.229	43	51680	9.44	ppb		98
68)	n-Butyl Actetate	8.315	43	132995	8.77	ppb		96
69)	Dibromochloromethane	8.430	129	122338	10.94	ppb		99
70)	1,2-Dibromoethane	8.552	107	100927	10.78	ppb		98
71)	Chlorobenzene	9.022	112	555205	10.72	ppb		99
72)	1,1,1,2-tetrachloroethane	9.113	131	155873	10.46	ppb		98
73)	n-Nonane	9.144	57	85134	8.71	ppb		98
74)	Ethyl Benzene	9.101	91	1149033	10.78	ppb		100
75)	p- & m-Xylenes	9.217	91	1725844	21.66	ppb		100
76)	o-Xylene	9.656	91	825267	11.02	ppb		100
77)	Styrene	9.686	104	580524	10.67	ppb		99
78)	Bromoform	9.961	173	51881	10.80	ppb		99
80)	Isopropylbenzene	10.040	105	984722	10.05	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.461	83	117933	10.56	ppb		100
83)	Bromobenzene	10.436	77	319329	9.83	ppb		98
84)	trans-1,4-Dichloro-2-b...	10.509	75	120757	9.97	ppb		97
85)	1,2,3-Trichloropropane	10.509	110	29410	10.19	ppb		97
86)	n-Propylbenzene	10.491	91	1167135	9.90	ppb		100
87)	n-Decane	10.601	57	68433	8.32	ppb		94
88)	p-Ethyltoluene	10.619	105	894418	9.85	ppb		100
89)	1,3,5-Trimethylbenzene	10.686	105	728608	10.53	ppb		99
90)	2-Chlorotoluene	10.625	91	731165	10.10	ppb		100
91)	4-Chlorotoluene	10.747	91	642218	10.28	ppb		100
92)	tert-Butylbenzene	11.046	119	563646	9.93	ppb		99
93)	1,2,4-Trimethylbenzene	11.113	105	686330	10.56	ppb		100
94)	sec-Butylbenzene	11.290	105	805880	9.92	ppb		99
95)	Limonene	11.375	68	124160	5.98	ppb		99
96)	1,3-Dichlorobenzene	11.473	146	293396	10.00	ppb		98
97)	p-Isopropyltoluene	11.448	119	647478	10.10	ppb		99
98)	1,4-Dichlorobenzene	11.576	146	287834	10.05	ppb		98
99)	1,2,3-Trimethylbenzene	11.594	105	627602	10.50	ppb		100
100)	p-Diethylbenzene	11.887	105	325306	10.16	ppb		99
101)	trans-Decahydronapthalene	11.881	138	63686	7.89	ppb		96
102)	1,2-Dichlorobenzene	12.009	146	235382	10.17	ppb		99
103)	n-Butylbenzene	11.918	91	637740	9.98	ppb		99
105)	n-Undecane	11.942	71	26371	6.09	ppb		95

Quantitation Report (QT Reviewed)

Data File : V10C15973.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:08 pm
Operator : PMB
Sample : BJ50090-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 70
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:53 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

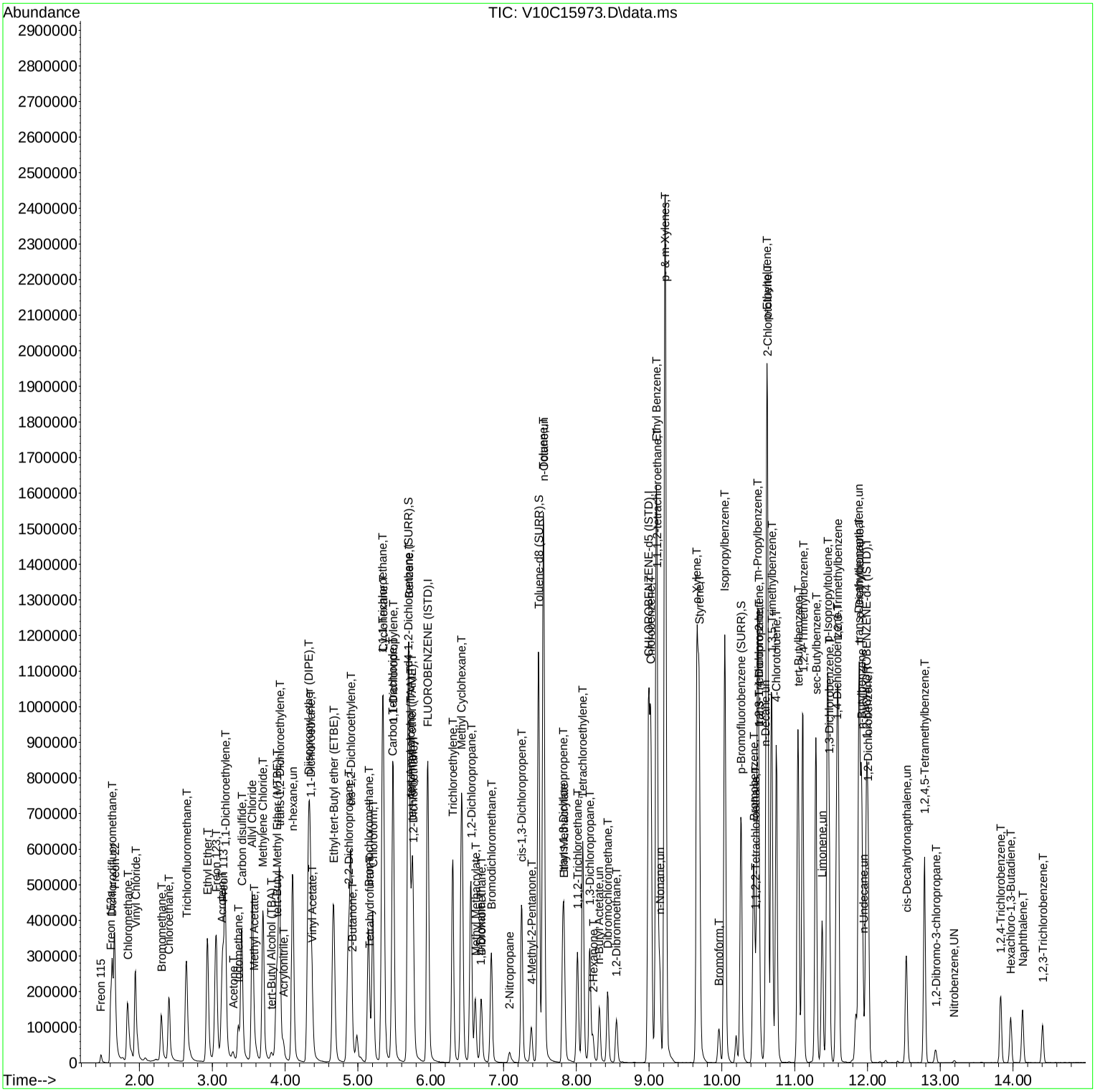
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	48814	8.67	ppb	#	98
107) 1,2-Dibromo-3-chloropr...	12.936	75	12148	10.70	ppb		95
108) 1,2,4,5-Tetramethylben...	12.783	119	373132	10.52	ppb		99
109) Nitrobenzene	13.192	77	4162	14.48	ppb		91
110) 1,2,4-Trichlorobenzene	13.832	180	66541	10.81	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	28568	9.43	ppb		95
112) Naphthalene	14.131	128	134614	11.69	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	35582	11.85	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15973.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:08 pm
Operator : PMB
Sample : BJ50090-BS1
Misc : 8260 Multiplr: 1.00
ALS Vial : 70
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:47:53 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : V10C15974.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:37 pm
Operator : PMB
Sample : BJ50090-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:48:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.955	50	104710	10.00	ppb	0.00
47) CHLOROBENZENE-d5 (ISTD)	8.991	54	151809	10.00	ppb	0.00
79) 1,2-DICHLOROBENZENE-d4...	11.985	152	192166	10.00	ppb	0.00
System Monitoring Compounds						
41) d4-1,2-Dichloroethane ...	5.687	65	174340	9.62	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery = 96.20%			
59) Toluene-d8 (SURR)	7.479	98	888923	9.91	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery = 99.10%			
81) p-Bromofluorobenzene (...	10.259	95	287201	10.09	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery = 100.90%			
Target Compounds						Qvalue
2) Freon 115	1.475	85	10349	5.09	ppb	99
3) Freon 152a	1.604	51	160142	7.66	ppb	94
4) Dichlorodifluoromethane	1.628	85	219863	9.40	ppb	100
5) Freon 22	1.657	51	498105	18.49	ppb	95
6) Chloromethane	1.834	50	256801	10.13	ppb	99
7) Vinyl Chloride	1.944	62	285837	9.71	ppb	100
8) Bromomethane	2.304	94	100004	14.06	ppb	100
9) Chloroethane	2.407	64	188736	13.91	ppb	99
10) Trichlorofluoromethane	2.645	101	297441	10.36	ppb	100
11) Ethyl Ether	2.931	59	240390	19.03	ppb	97
13) Freon 123	3.047	83	298529	10.58	ppb	98
14) 1,1-Dichloroethylene	3.175	61	351983	10.57	ppb	99
15) Freon 113	3.145	101	177249	9.82	ppb	96
16) Acrolein	3.133	56	19928	15.26	ppb	96
17) Acetone	3.291	58	11014	11.41	ppb	95
18) Iodomethane	3.364	142	119837	8.15	ppb	95
19) Carbon disulfide	3.401	76	595285	9.73	ppb	100
20) Allyl Chloride	3.553	41	363915	9.36	ppb	99
21) Methyl Acetate	3.578	43	55717	7.26	ppb	99
22) tert-Butyl Alcohol (TBA)	3.815	59	16397	25.01	ppb	92
23) Methylene Chloride	3.700	49	308662	10.32	ppb	99
24) Acrylonitrile	3.980	53	31856	9.83	ppb	98
25) trans-1,2-Dichloroethy...	3.925	61	349796	10.80	ppb	100
26) tert-Butyl Methyl Ethe...	3.889	73	287467	8.86	ppb	99
27) n-hexane	4.102	57	317157	7.76	ppb	97
28) 1,1-Dichloroethane	4.346	63	430507	10.53	ppb	99
29) Vinyl Acetate	4.370	86	22358	11.09	ppb	82
30) Diisopropyl ether (DIPE)	4.321	45	645595	9.60	ppb	96
31) Ethyl-tert-Butyl ether...	4.663	59	459756	9.51	ppb	99
32) cis-1,2-Dichloroethylene	4.901	61	379840	11.42	ppb	96
33) 2-Butanone	4.925	72	10347	10.55	ppb	91
34) 2,2-Dichloropropane	4.870	77	223288	7.88	ppb	92
35) Tetrahydrofuran	5.163	71	8337	9.81	ppb	92
36) Bromochloromethane	5.144	49	148035	10.21	ppb	95
37) Chloroform	5.205	83	363594	10.96	ppb	100
38) 1,1,1-Trichloroethane	5.333	97	320435	11.24	ppb	99
39) Cyclohexane	5.346	56	416474	8.86	ppb	97
40) 1,1-Dichloropropylene	5.486	75	321856	10.18	ppb	98
42) Carbon Tetrachloride	5.480	117	254529	10.99	ppb	100
43) tert-Amyl alcohol (TAA)	5.718	59	50990	70.75	ppb	46
44) 1,2-Dichloroethane	5.760	62	196475	10.68	ppb	100

Quantitation Report (QT Reviewed)

Data File : V10C15974.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:37 pm
Operator : PMB
Sample : BJ50090-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:48:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Benzene	5.699	78	990636	11.35	ppb		98
46)	tert-Amyl methyl ether...	5.742	73	397282	9.85	ppb		96
48)	Trichloroethylene	6.297	95	227535	10.25	ppb		98
49)	Methyl Cyclohexane	6.425	83	374962	8.64	ppb		80
50)	Methyl Methacrylate	6.614	69	70413	10.15	ppb		95
51)	Dibromomethane	6.699	93	72417	10.01	ppb		96
52)	Bromodichloromethane	6.833	83	230734	10.33	ppb		100
53)	1,2-Dichloropropane	6.547	63	231263	10.15	ppb		98
54)	1,4-Dioxane	6.681	88	14902	182.31	ppb		95
55)	2-Nitropropane	7.083	43	21324	8.93	ppb		100
57)	cis-1,3-Dichloropropene	7.248	75	286972	10.26	ppb		100
58)	4-Methyl-2-Pentanone	7.382	43	70511	8.70	ppb	#	96
60)	Toluene	7.546	91	1012876	10.79	ppb		100
61)	n-Octane	7.553	85	87245	7.45	ppb		95
62)	Ethyl Methacrylate	7.833	69	137407	9.40	ppb		94
63)	trans-1,3-Dichloropropene	7.815	75	197784	9.73	ppb		99
64)	1,1,2-Trichloroethane	8.016	97	108322	10.41	ppb		98
65)	1,3-Dichloropropane	8.187	76	208677	9.95	ppb		97
66)	Tetrachloroethylene	8.089	166	197105	8.37	ppb		97
67)	2-Hexanone	8.223	43	45147	8.53	ppb		99
68)	n-Butyl Actetate	8.315	43	116067	7.92	ppb		97
69)	Dibromochloromethane	8.430	129	111157	10.29	ppb		99
70)	1,2-Dibromoethane	8.552	107	92399	10.21	ppb		99
71)	Chlorobenzene	9.022	112	530752	10.61	ppb		100
72)	1,1,1,2-tetrachloroethane	9.113	131	150730	10.47	ppb		99
73)	n-Nonane	9.144	57	80073	8.50	ppb		98
74)	Ethyl Benzene	9.101	91	1108970	10.76	ppb		100
75)	p- & m-Xylenes	9.217	91	1662203	21.59	ppb		100
76)	o-Xylene	9.662	91	790873	10.92	ppb		100
77)	Styrene	9.686	104	555347	10.56	ppb		100
78)	Bromoform	9.961	173	47164	10.16	ppb		99
80)	Isopropylbenzene	10.040	105	948179	10.39	ppb		100
82)	1,1,2,2-Tetrachloroethane	10.460	83	104967	10.09	ppb		99
83)	Bromobenzene	10.436	77	300188	9.93	ppb		98
84)	trans-1,4-Dichloro-2-b...	10.509	75	104361	9.26	ppb		98
85)	1,2,3-Trichloropropane	10.509	110	26718	9.95	ppb		99
86)	n-Propylbenzene	10.491	91	1116140	10.17	ppb		100
87)	n-Decane	10.601	57	65476	8.49	ppb		94
88)	p-Ethyltoluene	10.619	105	854465	10.11	ppb		100
89)	1,3,5-Trimethylbenzene	10.686	105	694992	10.79	ppb		99
90)	2-Chlorotoluene	10.625	91	696662	10.34	ppb		100
91)	4-Chlorotoluene	10.747	91	610616	10.50	ppb		99
92)	tert-Butylbenzene	11.046	119	539026	10.20	ppb		98
93)	1,2,4-Trimethylbenzene	11.113	105	649843	10.74	ppb		100
94)	sec-Butylbenzene	11.290	105	765359	10.12	ppb		99
95)	Limonene	11.375	68	112661	5.83	ppb		99
96)	1,3-Dichlorobenzene	11.472	146	276366	10.12	ppb		98
97)	p-Isopropyltoluene	11.448	119	618762	10.37	ppb		99
98)	1,4-Dichlorobenzene	11.576	146	270921	10.16	ppb		98
99)	1,2,3-Trimethylbenzene	11.601	105	588614	10.57	ppb		100
100)	p-Diethylbenzene	11.887	105	306647	10.29	ppb	#	85
101)	trans-Decahydronapthalene	11.881	138	61980	8.25	ppb		99
102)	1,2-Dichlorobenzene	12.009	146	218833	10.15	ppb		99
103)	n-Butylbenzene	11.918	91	599605	10.08	ppb	#	89
105)	n-Undecane	11.942	71	26193	6.44	ppb		92

Quantitation Report (QT Reviewed)

Data File : V10C15974.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:37 pm
Operator : PMB
Sample : BJ50090-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:48:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration

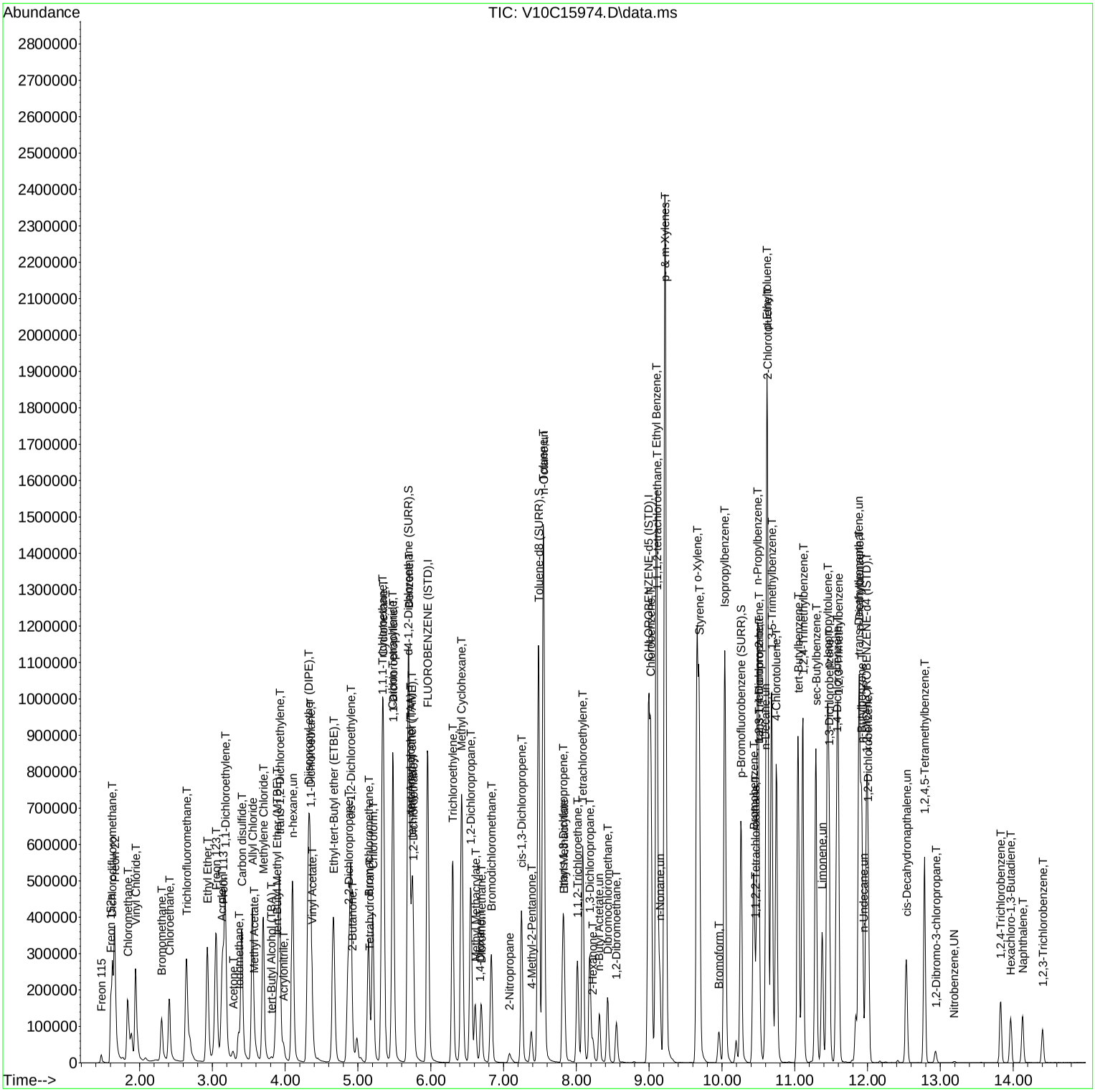
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) cis-Decahydronapthalene	12.533	138	46862	8.94	ppb	#	99
107) 1,2-Dibromo-3-chloropr...	12.936	75	10827	10.25	ppb		96
108) 1,2,4,5-Tetramethylben...	12.783	119	354161	10.73	ppb		99
109) Nitrobenzene	13.192	77	2749	10.31	ppb		88
110) 1,2,4-Trichlorobenzene	13.832	180	58902	10.28	ppb		98
111) Hexachloro-1,3-Butadiene	13.966	225	28423	10.07	ppb		96
112) Naphthalene	14.130	128	117748	10.98	ppb		100
113) 1,2,3-Trichlorobenzene	14.405	180	31242	11.18	ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : V10C15974.D
Data Path : C:\msdchem\1\data\V10-10-01-2025\
Acq On : 1 Oct 2025 8:37 pm
Operator : PMB
Sample : BJ50090-BSD1
Misc : 8260 Multiplr: 1.00
ALS Vial : 71
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Quant Time: Oct 02 07:48:36 2025
QMeth File : V10-8260D-R091625.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R091625.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Sep 17 09:30:01 2025
Response via : Initial Calibration



BENCHSHEETS

SDG: 25I1726

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BI52027

Preparation Date: 09/29/2025 07:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25I1726-02 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
BI52027-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND		
BI52027-BS1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		
BI52027-BSD1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25I372	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenex	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel **Date:** **11/11/2022 08:27**

BENCHSHEETS

SDG: 25I1726

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BI52044

Preparation Date: 09/29/2025 07:26

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25I1726-01 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
BI52044-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND		
BI52044-BS1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		
BI52044-BSD1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		
BI52044-MS1	VOA, 8260 LOW MASTER	25	25	S25I372	10			25I1726-01		<2	ND		25I1726-01 B
BI52044-MSD1	VOA, 8260 LOW MASTER	25	25	S25I372	10			25I1726-01		<2	ND		25I1726-01 C

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25I372	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenex	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel **Date:** **11/11/2022 08:27**

BENCHSHEETS

SDG: 25I1726

CLASS: VOA

METHOD: EPA 8260D

PREPARATION BENCH SHEET : BJ50090

Preparation Date: 10/01/2025 07:00

York Analytical Laboratories, Inc.

Matrix: Water

Samples And QC:

Lab Number	Analysis	Initial	Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	PH Data If applicable Initial	PH Data If applicable Final	PH Data If applicable Basic	Decanted If applicable Y/N	Comments
25I1726-01RE1 I	VOA, 8260 LOW MASTER	25	25							<2	ND		From BI52044 by PMB on 10/01/
BJ50090-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND		
BJ50090-BS1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		
BJ50090-BSD1	VOA, 8260 LOW MASTER	25	25	S25I372	10					<2	ND		

Spike

Standard/Reagent ID	Description	LotNum	Volume
S25I372	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenex	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel **Date:** **11/11/2022 08:27**

APPENDIX 9

SEFA CALCULATIONS OR GREEN AND SUSTAINABLE REMEDIATION FOOTPRINT ANALYSIS AND CLIMATE SCREENING CHECKLIST

GSR Summary

Spreadsheets for Environmental Footprint Analysis (SEFA) Version 3.0, November 2019
1036 Manhattan Ave BCP Site - < NYSDEC Site Number: C224315>

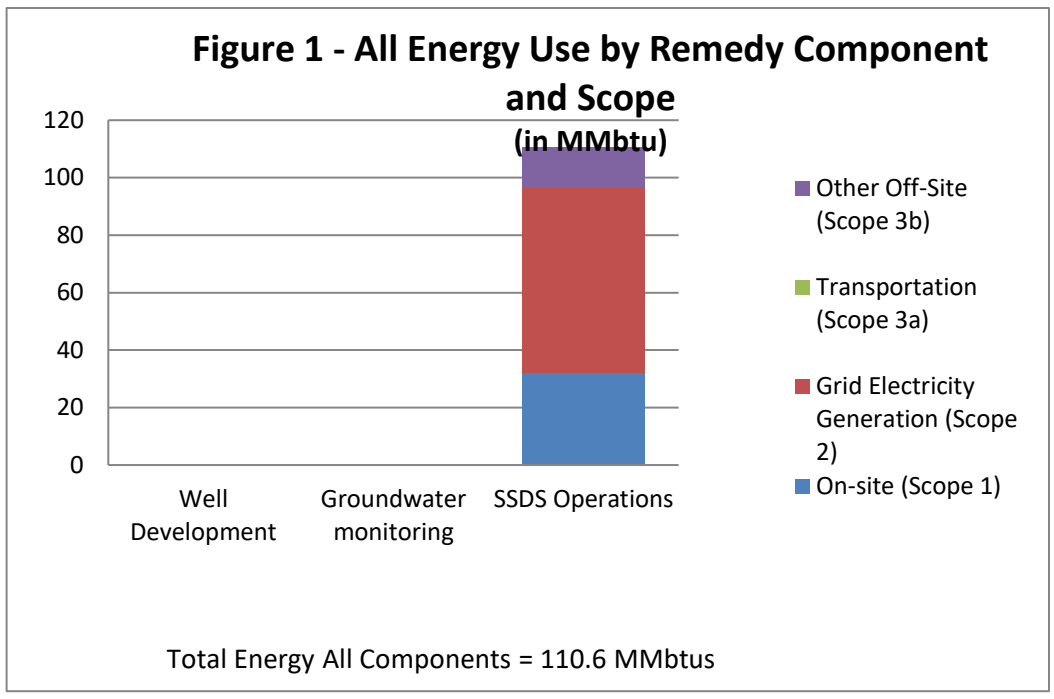
Environmental Footprint Summary

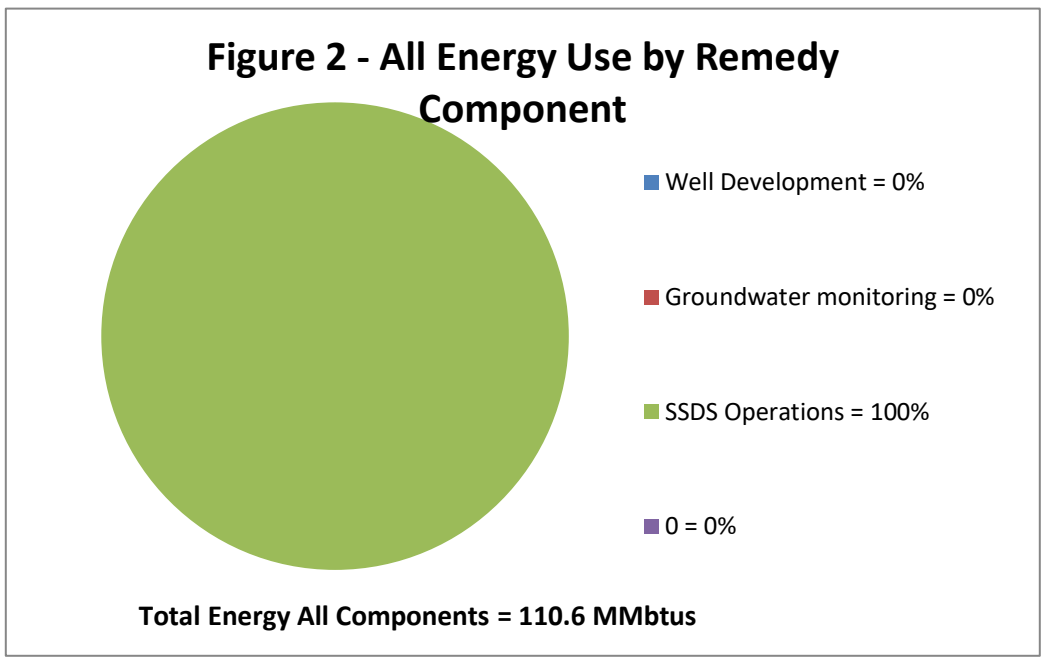
Core Element	Metric		Unit of Measure	Footprint			
				Well Development	Groundwater monitoring	SSDS Operations	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.0	0.0	0.0
	M&W-2	% of refined materials from recycled or reused material	%				
	M&W-3	Unrefined materials used on-site	Tons	0.000	0.000	0.000	0.0
	M&W-4	% of unrefined materials from recycled or reused material	%				
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%				
Water (used on-site)	W-1	Public water use	MG	0.0	0.0	0.0	0.0
	W-2	Groundwater use	MG	0.0	0.0	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	0.0	0.0	110.6	110.6
	E-2	Energy voluntarily derived from renewable resources					
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.000	9.289	9.3
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	0.0	0.0	0.5	0.5
	A-2	On-site HAP emissions	Pounds	0.0	0.0	0.0	0.0
	A-3	Total NOx, SOx, and PM emissions	Pounds	0.0	0.0	46.2	46.2
	A-3A	Total NOx emissions	Pounds	0.0	0.0	17.5	17.5
	A-3B	Total SOx emissions	Pounds	0.0	0.0	27.8	27.8
	A-3C	Total PM emissions	Pounds	0.0	0.0	0.9	0.9
	A-4	Total HAP emissions	Pounds	0.0	0.0	0.5	0.5
	A-5	Total greenhouse gas emissions	Tons CO2e*	0.0	0.0	2.1	2.1
Land & Ecosystems	Qualitative Description						

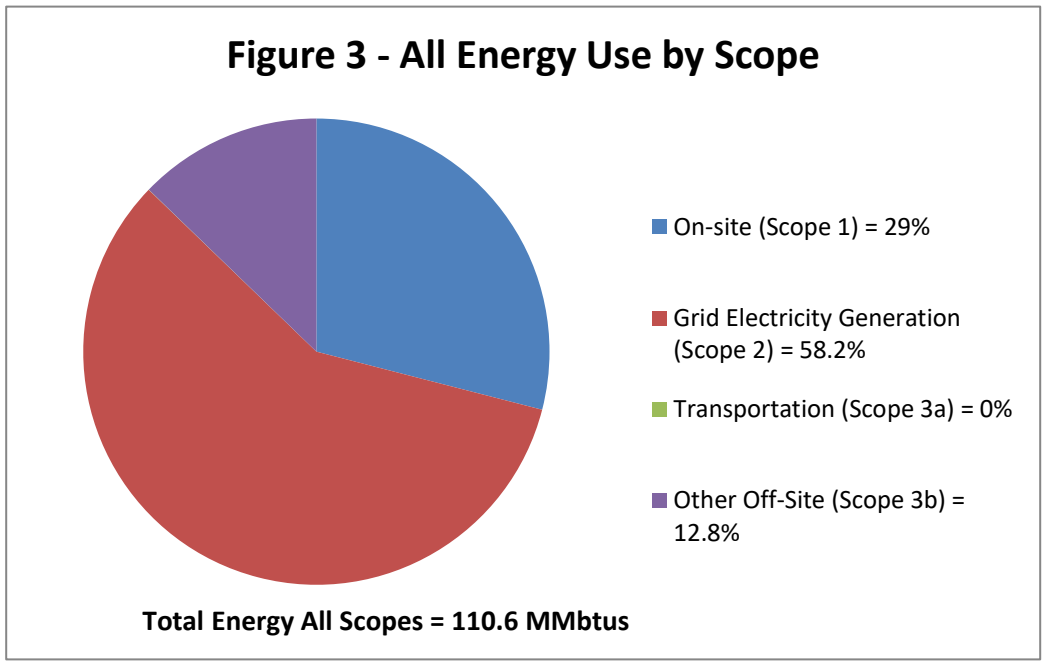
** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

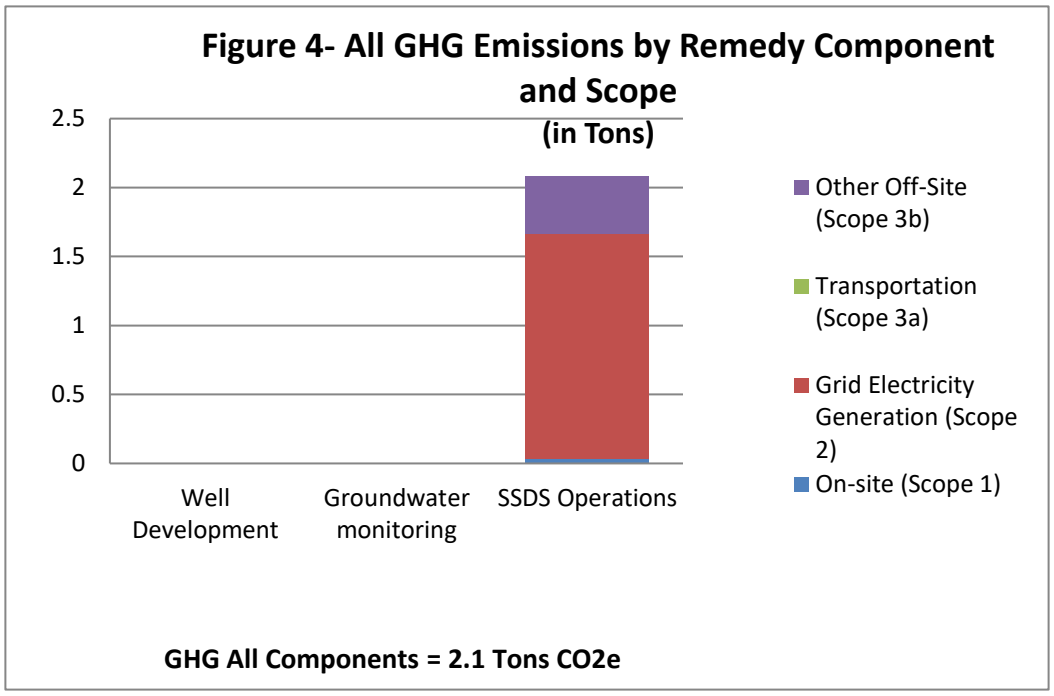
for Understanding and Reducing a Project's Environmental Footprint (EPA 542-R-12-002), February

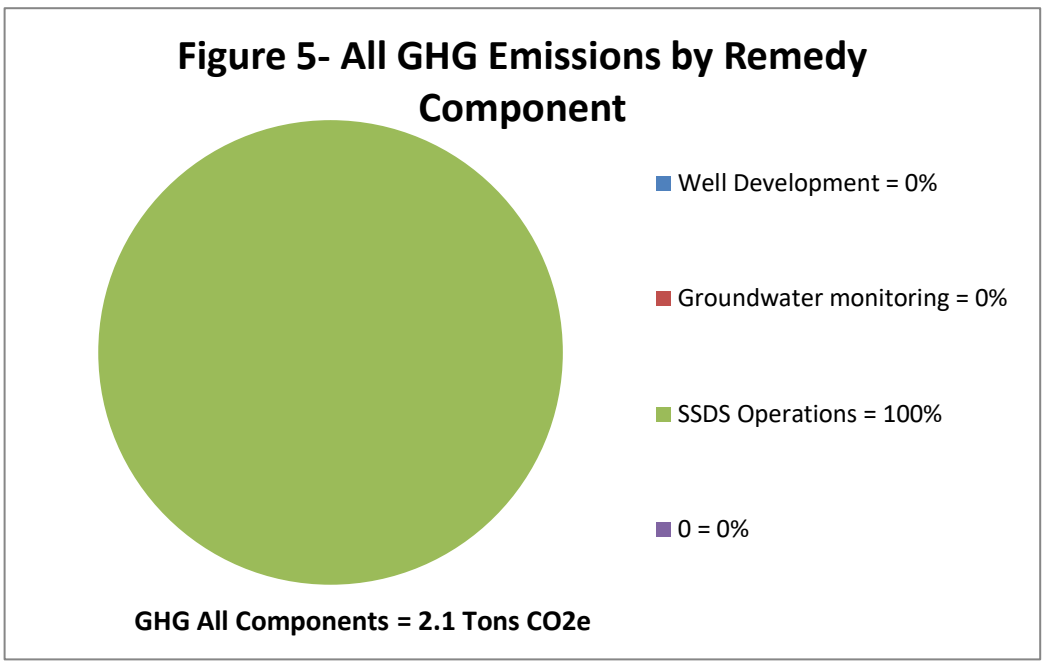
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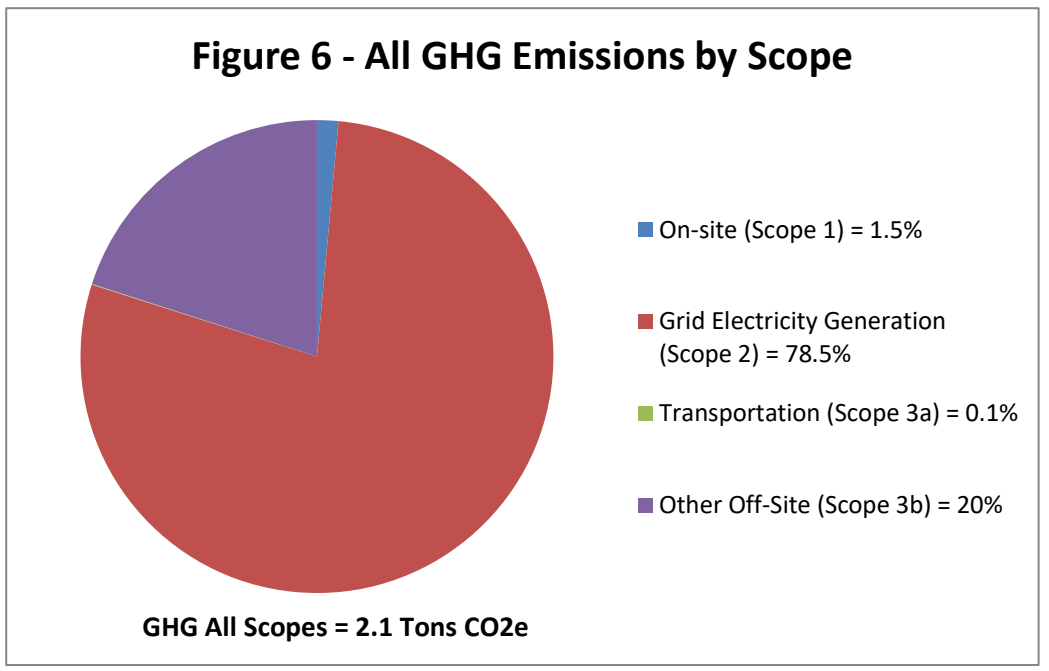

Figure 1 - All Energy Use by Remedy Component and Scope (in MMbtu)
120
100
80
60
40
20
0
Well Development
Groundwater monitoring
SSDS Operations
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
Total Energy All Components = 110.6 MMbtus

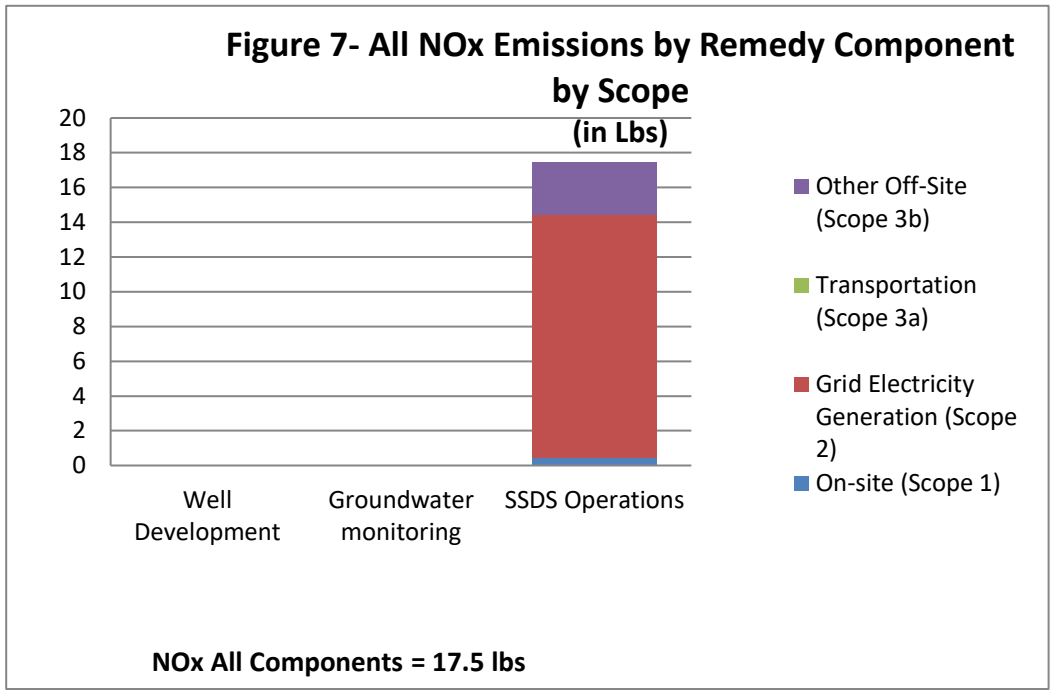

Figure 2 - All Energy Use by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
Total Energy All Components = 110.6 MMbtus

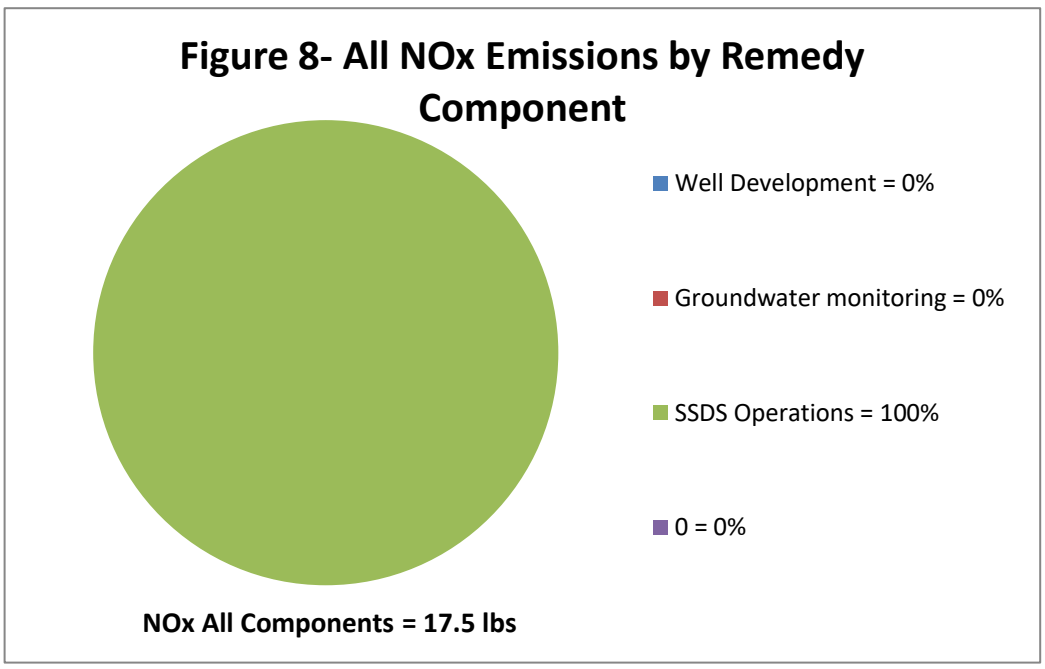

Figure 3 - All Energy Use by Scope
On-site (Scope 1) = 29%
Grid Electricity Generation (Scope 2) = 58.2%
Transportation (Scope 3a) = 0%
Other Off-Site (Scope 3b) = 12.8%
Total Energy All Scopes = 110.6 MMbtus

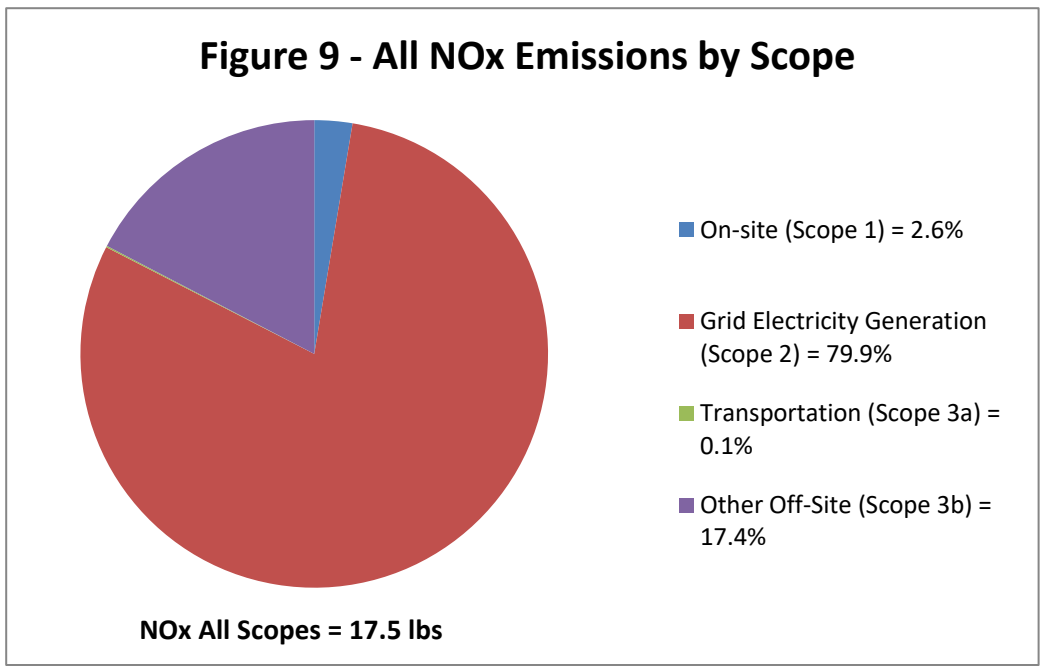

Figure 4- All GHG Emissions by Remedy Component and Scope (in Tons)
2.5
2
1.5
1
0.5
0
Well Development
Groundwater monitoring
SSDS Operations
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
GHG All Components = 2.1 Tons CO2e

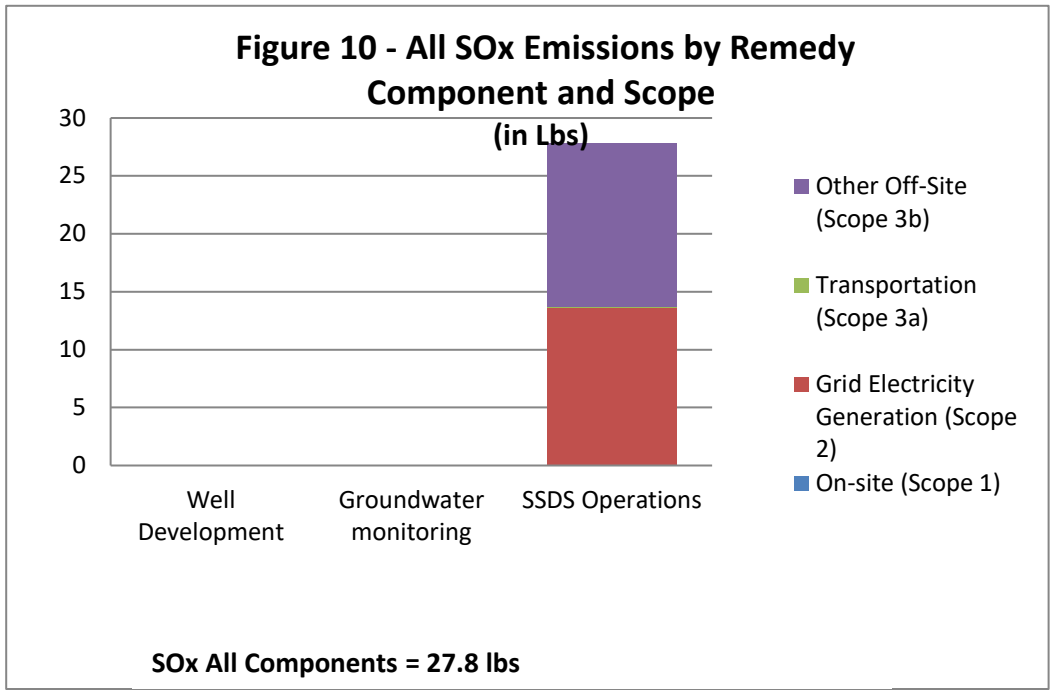

Figure 5- All GHG Emissions by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
GHG All Components = 2.1 Tons CO2e

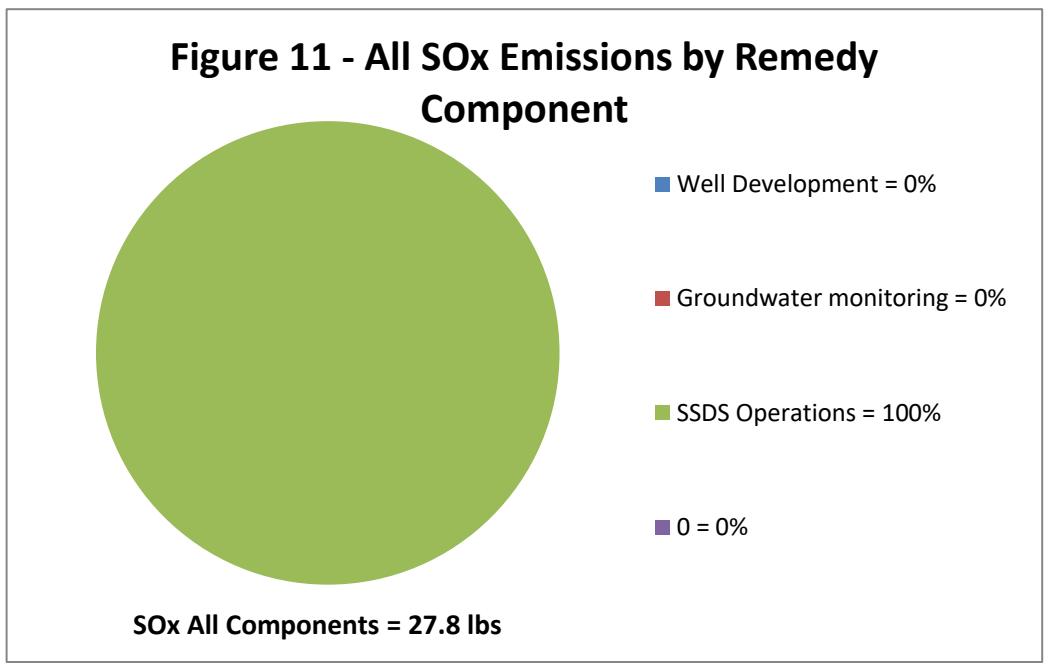

Figure 6 - All GHG Emissions by Scope
On-site (Scope 1) = 1.5%
Grid Electricity Generation (Scope 2) = 78.5%
Transportation (Scope 3a) = 0.1%
Other Off-Site (Scope 3b) = 20%
GHG All Scopes = 2.1 Tons CO2e

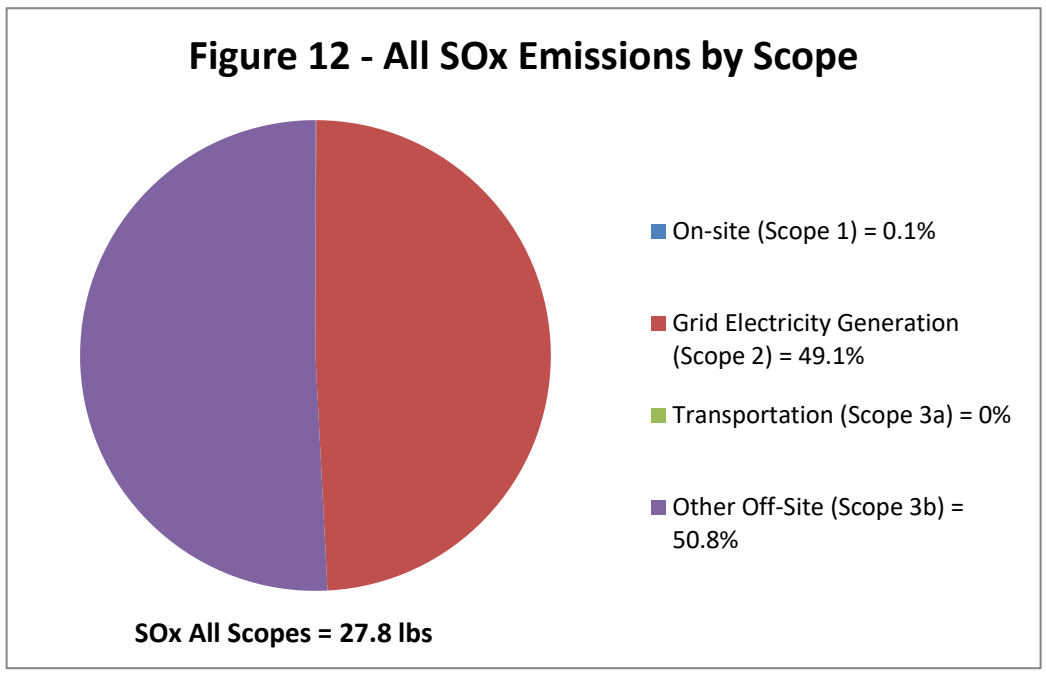

Figure 7- All NOx Emissions by Remedy Component by Scope
(in Lbs)
20
18
16
14
12
10
8
6
4
2
0
Well Development
Groundwater monitoring
SSDS Operations
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
NOx All Components = 17.5 lbs

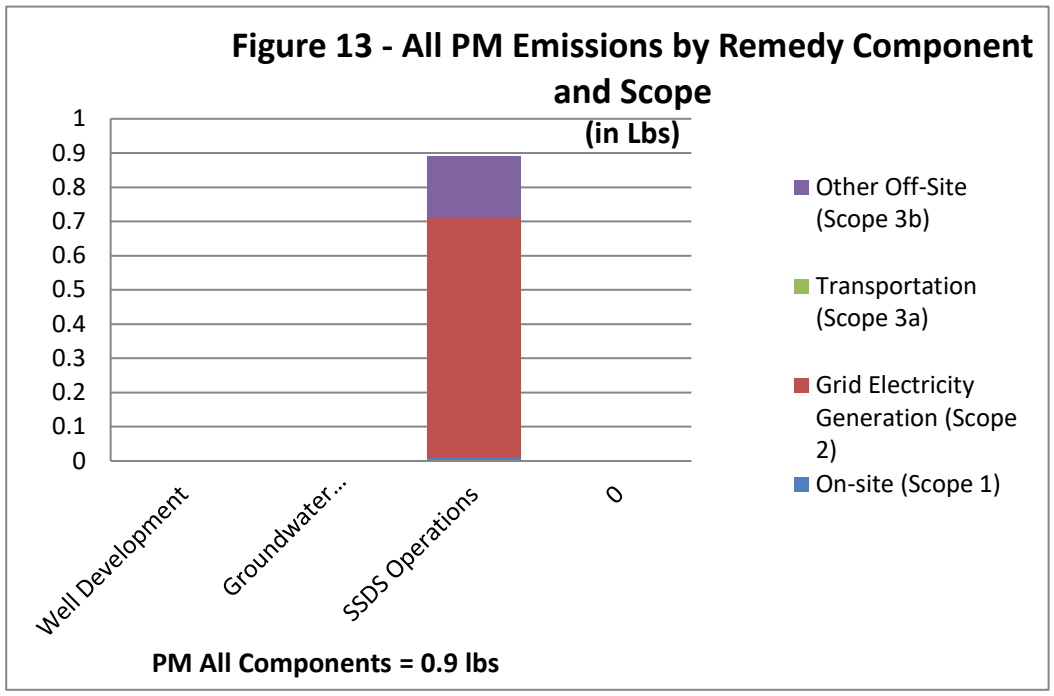

Figure 8- All NOx Emissions by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
NOx All Components = 17.5 lbs

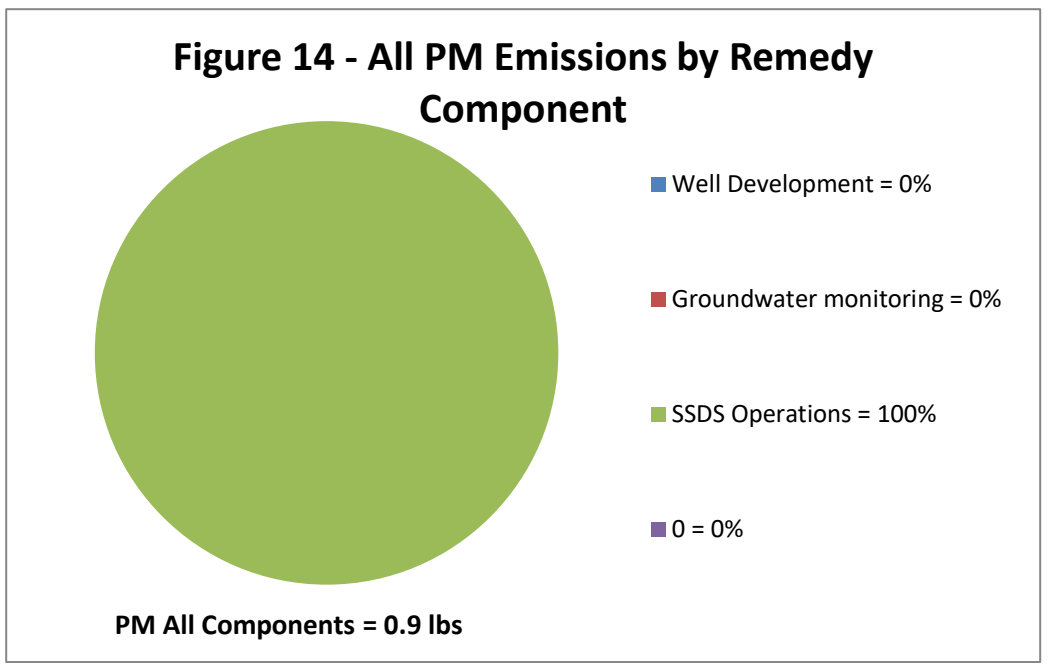

Figure 9 - All NOx Emissions by Scope
On-site (Scope 1) = 2.6%
Grid Electricity Generation (Scope 2) = 79.9%
Transportation (Scope 3a) = 0.1%
Other Off-Site (Scope 3b) = 17.4%
NOx All Scopes = 17.5 lbs

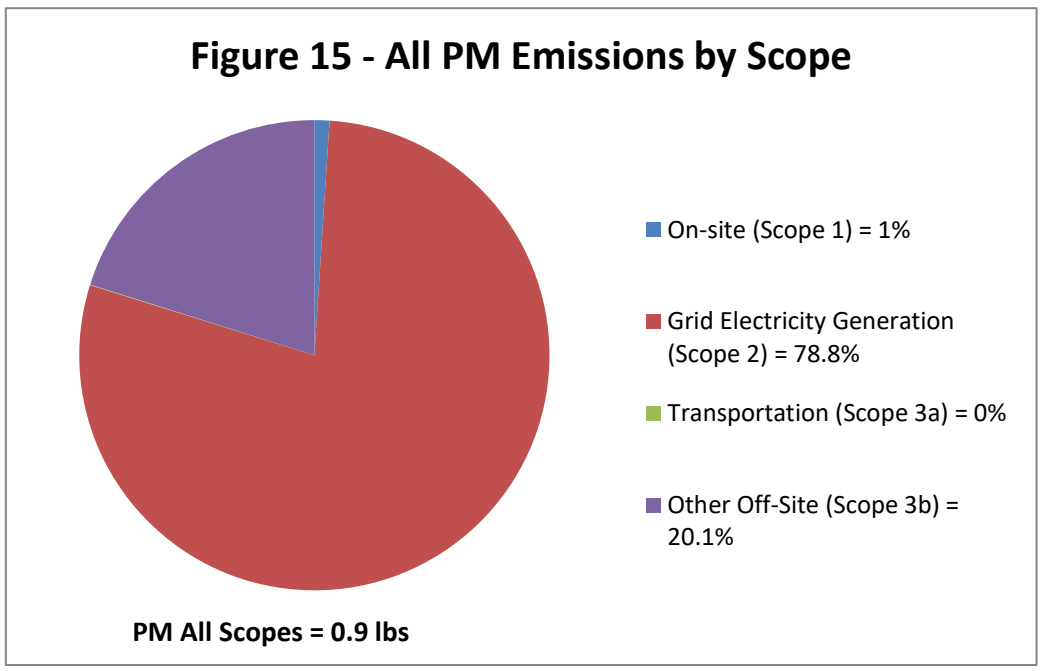

Figure 10 - All SOx Emissions by Remedy Component and Scope (in Lbs)
30
25
20
15
10
5
0
Well Development
Groundwater monitoring
SSDS Operations
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
SOx All Components = 27.8 lbs

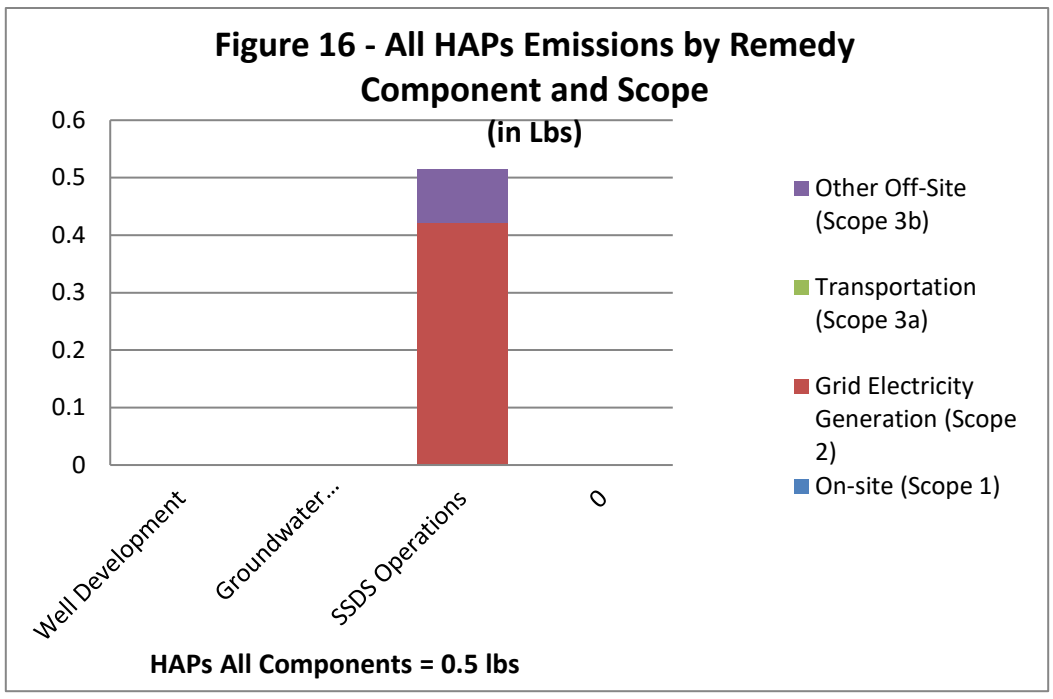

Figure 11 - All SOx Emissions by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
SOx All Components = 27.8 lbs

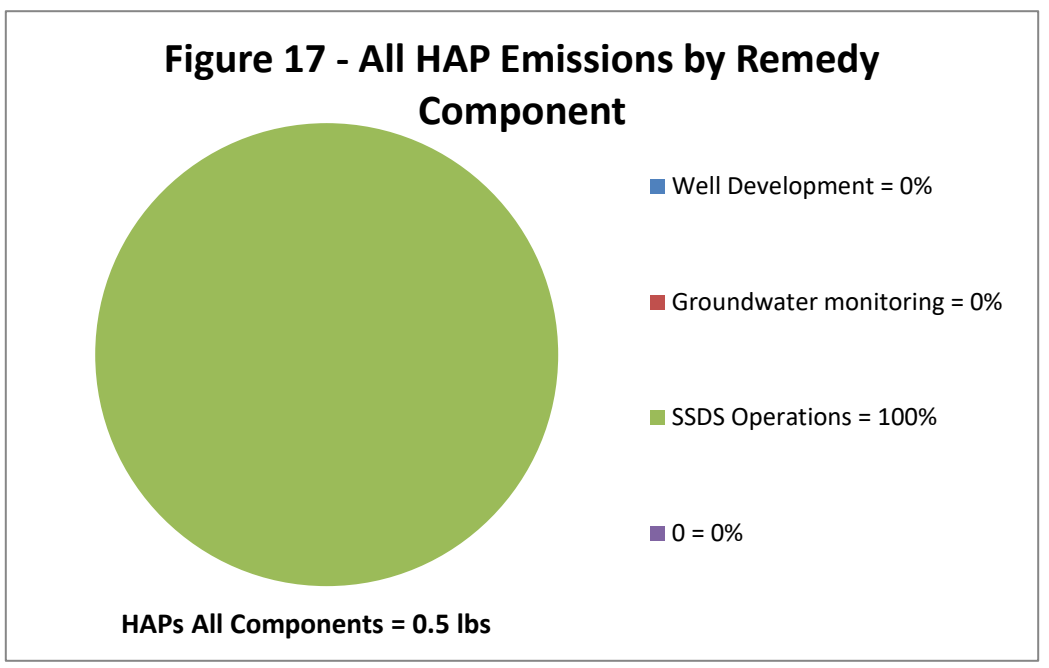

Figure 12 - All SOx Emissions by Scope
On-site (Scope 1) = 0.1%
Grid Electricity Generation (Scope 2) = 49.1%
Transportation (Scope 3a) = 0%
Other Off-Site (Scope 3b) = 50.8%
SOx All Scopes = 27.8 lbs

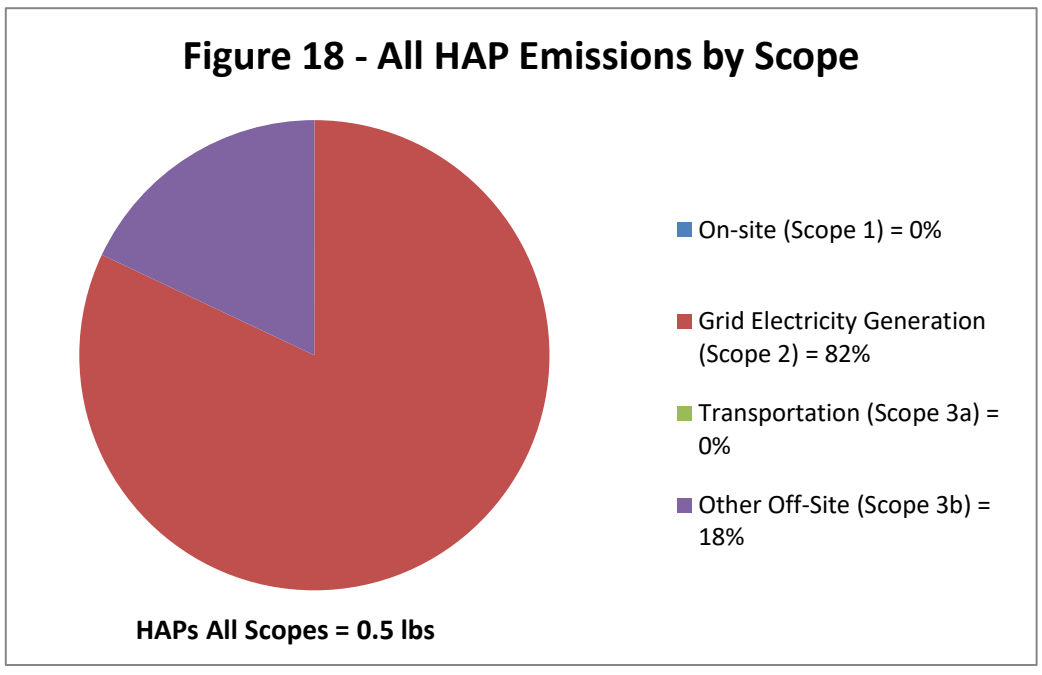

Figure 13 - All PM Emissions by Remedy Component and Scope
(in Lbs)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Well Development
Groundwater...
SSDS Operations
0
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
PM All Components = 0.9 lbs


Figure 14 - All PM Emissions by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
PM All Components = 0.9 lbs


Figure 15 - All PM Emissions by Scope
On-site (Scope 1) = 1%
Grid Electricity Generation (Scope 2) = 78.8%
Transportation (Scope 3a) = 0%
Other Off-Site (Scope 3b) = 20.1%
PM All Scopes = 0.9 lbs


Figure 16 - All HAPs Emissions by Remedy Component and Scope
(in Lbs)
0.6
0.5
0.4
0.3
0.2
0.1
0
Well Development
Groundwater...
SSDS Operations
0
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
HAPs All Components = 0.5 lbs


Figure 17 - All HAP Emissions by Remedy Component
Well Development = 0%
Groundwater monitoring = 0%
SSDS Operations = 100%
0 = 0%
HAPs All Components = 0.5 lbs


Figure 18 - All HAP Emissions by Scope
On-site (Scope 1) = 0%
Grid Electricity Generation (Scope 2) = 82%
Transportation (Scope 3a) = 0%
Other Off-Site (Scope 3b) = 18%
HAPs All Scopes = 0.5 lbs

Spreadsheets for Environmental Footprint Analysis (SEFA) Version 3.0, November 2019
1036 Manhattan Ave BCP Site - < NYSDEC Site Number: C224315>

Well Development - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grid Electricity Generation (Scope 2)	**0.000**	**0**	**0**	**0**	**0**	**0**	**0**
Transportation (Scope 3a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Other Off-Site (Scope 3b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Remedy Totals	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity	
On-site renewable energy generation or use	MMBtu	**0**	
On-site biodiesel use	MMBtu	**0**	
Biodiesel and other renewable resource use for transportation	MMBtu	**0**	
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**	*(This value is the sum of the three rows above)*
Voluntary purchase of renewable electricity	MWh	**0**	
Voluntary purchase of RECs	MWh	**0**	

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file: SEFA_calculations_(121718).xlsx

Spreadsheets for Environmental Footprint Analysis (SEFA) Version 3.0, November 2019
1036 Manhattan Ave BCP Site - < NYSDEC Site Number: C224315>

Groundwater monitoring - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grid Electricity Generation (Scope 2)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Transportation (Scope 3a)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Other Off-Site (Scope 3b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Remedy Totals	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity
On-site renewable energy generation or use	MMBtu	**0**
On-site biodiesel use	MMBtu	**0**
Biodiesel and other renewable resource use for transportation	MMBtu	**0**
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**
Voluntary purchase of renewable electricity	MWh	**0**
Voluntary purchase of RECs	MWh	**0**

(This value is the sum of the three rows above)

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file: SEFA_calculations_(121718).xlsx

Spreadsheets for Environmental Footprint Analysis (SEFA) Version 3.0, November 2019
1036 Manhattan Ave BCP Site - < NYSDEC Site Number: C224315>

SSDS Operations - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**32**	**61**	**0**	**0**	**0**	**0**	**0**
Grid Electricity Generation (Scope 2)	**64**	**3,270**	**14**	**14**	**1**	**28**	**0**
Transportation (Scope 3a)	**0**	**2**	**0**	**0**	**0**	**0**	**0**
Other Off-Site (Scope 3b)	**14**	**835**	**3**	**14**	**0**	**17**	**0**
Remedy Totals	**111**	**4,167**	**17**	**28**	**1**	**46**	**1**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity
On-site renewable energy generation or use	MMBtu	**0**
On-site biodiesel use	MMBtu	**0**
Biodiesel and other renewable resource use for transportation	MMBtu	**0**
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**
Voluntary purchase of renewable electricity	MWh	**0**
Voluntary purchase of RECs	MWh	**0**

(This value is the sum of the three rows above)

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file: SEFA_calculations_(121718).xlsx

Climate Screening Checklist

Background Information

- Project Manager: Wendy Zheng, NYSDEC Project Manager
- Site Name: 1036 Mahattan Ave BCP Site
- Site Number: C224315
- Site Location: 170 Freeman Street, Brooklyn, NY
- Site Elevation (average above sea level): 14.2 ft el.
- ClimAID Region (Responding Climate Change in New York State (ClimAID) - NYSERDA): Region 4 --New York City and Long Island
- Remedial Stage/site classification: Site Management

- Contamination - Media Impacted/ Contaminants of Concern:

  Soil (PAHs, pesticides and metals) , Vapor Intrusion and Groundwater (PCE, trans-1,2-DCE, cis-1,2-DCE)

- Proposed/Current Remedy:
  Remediation completed, On-site groundwater bioremedial injections, Engeeinering controls (active SSDS, cover system), Institutional Controls (Environmental Easement)

- What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?

  The predicted time frame is 50+ years. Components of the remedy will still be in place in 5+ years.

- Is the site in proximity to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, hospitals, schools, drinking water supplies, etc.)

  Surrounding properties include residential and commercial uses. No sensitive receptors were identified within 500 feet of the Site.

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfolocator: DECinfo Locator (ny.gov))?

☐ **Yes** ■ **No**

If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

☐ **Yes** ☐ **No**

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

☐ **Yes** ■ **No**

Climate Screening Table*

Potential Climate Hazards	**Relevant to the Site Location** (Y/N/NA)[1]	**Projected Change** (Reference data source/Model)[3]	**Potential to Impact Remedy** (Y/N)	**Is remedy/site already resilient?** (Y/N)[4]
Precipitation	N	N/A	N/A	N/A
Temperature[2] (Extreme Heat or Cold Weather Impacts)	Y	N - RAPT ArcGIS	N/A	Y - SSDS Telemetry system for remote notification of power outage
Sea Level Rise	N	N/A	N/A	N/A
Flooding	N	>6 feet above ground (NHC Storm Surge Map)	N	Y
Storm Surge	Y	N/A	N/A	Y - SSDS Telemetry
Wildfire	N	N/A	N/A	N/A
Drought	N	N/A	N/A	N/A
Storm Severity	Y	Y RAPT ArcGIS	Y	Y - SSDS Telemetry
Landslides	N	N/A	N/A	N/A
Other Hazards:	N/A	N/A	N/A	N/A

* Links to potential data sources can be found on the following page

[1] If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

[2] Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 0 degrees F (NYSERDA ClimAID report)

[3] List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

[4] If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

Required Next Steps (If no further action is required, provide justification):

Temperature hazards for building occupants are not anticipated because every space of the building is equipped with individual HVAC and ventilation systems.

Storm surge hazards for building residents are not anticipated. Based on the National Hurricane Center Storm Surge Risk Maps, a storm surge is likely to impact the site for a Category 1 or higher storm. The NYC Risk Landscape: Guide to Hazardous Mitigation cites the National Hurricane Center data point that Category 1 storms only impact NYC every 19 years.