284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# DATA PACKAGE

GENERAL CHEMISTRY
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

**PROJECT NAME : CON ED NON MGP – ATLANTIC AVE 453957.600024.05**

**PARSONS ENGINEERING OF NEW YORK, INC.**

**301 Plainfield Road**

**Suite 350**

**Syracuse, NY - 13212**

**Phone No: 315-451-9560**

**ORDER ID : Q2202**

**ATTENTION : Stephen Liberatore**

**Laboratory Certification ID # 20012**

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# Cover Page

**Order ID :** Q2202

**Project ID :** Con Ed Non MGP – Atlantic Ave 453957.600024.05

**Client :** PARSONS Engineering of New York, Inc.

| Lab Sample Number | Client Sample Number |
|---|---|
| Q2202-01 | MW-9-20250603 |
| Q2202-02 | MW-11-20250603 |
| Q2202-03 | MW-12-20250603 |
| Q2202-04 | MW-13D-20250603 |
| Q2202-05 | MW-1A-20250603 |
| Q2202-06 | TB-20250603 |

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**PARSONS Engineering of New York, Inc.**
**Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05**
**Project # N/A**
**Order ID # Q2202**
**Test Name: VOCMS Group1**

**A. Number of Samples and Date of Receipt:**
6 Water samples were received on 06/03/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: Sulfate, SVOCMS Group1, TDS and VOCMS Group1. This data package contains results for VOCMS Group1.

**C. Analytical Techniques:**
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VN086940.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Sample MW-12-20250603 was diluted due to high concentration.

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**E. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

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Signature_____

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# CASE NARRATIVE

**PARSONS Engineering of New York, Inc.**
**Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05**
**Project # N/A**
**Order ID # Q2202**
**Test Name: SVOCMS Group1**

**A. Number of Samples and Date of Receipt:**
6 Water samples were received on 06/03/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: Sulfate, SVOCMS Group1, TDS and VOCMS Group1. This data package contains results for SVOCMS Group1.

**C. Analytical Techniques:**

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

**D. QA/ QC Samples:**

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q2230-03MS} with File ID: BP024879.D recoveries met the requirements for all compounds except for 1,4-Dioxane[35%],due to matrix interference.

The MSD {Q2230-04MSD} with File ID: BP024880.D recoveries met the acceptable requirements except for 1,4-Dioxane[36%],due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

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The % RSD is greater than 20% in the Initial Calibration (8270-BM060525.M) for 2,4-Dinitrophenol this compound is passing on Qudratic Regression. and Di-n-octyl phthalate fail for Initial Calibration but Under this Initial calibration only diluted samples was analyzed, Failed compound is not associated, therefore no further corrective action was taken.

The % RSD is greater than 20% in the Initial Calibration (8270-BP060625.M) for 2,4-Dinitrophenol, 4-Nitrophenol these compound are passing on Linear Regression.

The Continuous Calibration File ID BF142640.D met the requirements except for 4-Nitrophenol, is marginally biased Low and Bis(2-ethylhexyl)phthalate and Di-n-octyl phthalate,are biased high but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BM050262.D met the requirements except for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol are Failling low Pentachlorophenol is failling high and Under this Continuous calibration only diluted samples was analyzed, Failed compound is not associated, therefore no further corrective action was taken.

The Tuning criteria met requirements.

Sample MW-12-20250603 was diluted due to high concentration.

**E. Additional Comments:**

Alliance has analyzed samples for SVOCMS Group1 **by Method 8270 E for Project "Con Ed Non MGP – Atlantic Ave**". Alliance certification was in applied status for compound "2,4-Dimethylphenol" with NJDEP **for Method 8270E for SVOC group 1** at the time when samples for **Project "Con Ed Non MGP – Atlantic Ave** "were analyzed.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

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Signature_____

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# CASE NARRATIVE

**PARSONS Engineering of New York, Inc.**
**Project Name: Con Ed Non MGP – Atlantic Ave 453957.600024.05**
**Project # N/A**
**Order ID # Q2202**
**Test Name: Sulfate,TDS**

**A. Number of Samples and Date of Receipt:**
6 Water samples were received on 06/03/2025.

**B. Parameters:**
According to the Chain of Custody document, the following analyses were requested: Sulfate, SVOCMS Group1, TDS and VOCMS Group1. This data package contains results for Sulfate,TDS.

**C. Analytical Techniques:**
The analysis of Sulfate was based on method 300.0 and The analysis of TDS was based on method SM2540 C.

**D. QA/ QC Samples:**
The Holding Times were met for all analysis.
Sample MW-9-20250603 was diluted due to high concentrations for Sulfate.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

**E. Additional Comments:**

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Signature_____

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# DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| **J** | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL). |
| **U** | Indicates the analyte was analyzed for, but not detected. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **E** | Indicates the reported value is estimated because of the presence of interference |
| **M** | Indicates Duplicate injection precision not met. |
| **N** | Indicates the spiked sample recovery is not within control limits. |
| **S** | Indicates the reported value was determined by the Method of Standard Addition (MSA). |
| * | Indicates that the duplicate analysis is not within control limits. |
| + | Indicates the correlation coefficient for the MSA is less than 0.995. |
| **D** | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range. |
| **M** | Method qualifiers<br>**"P"** for ICP instrument<br>**"PM"** for ICP when Microwave Digestion is used<br>**"CV"** for Manual Cold Vapor AA<br>**"AV"** for automated Cold Vapor AA<br>**"CA"** for MIDI-Distillation Spectrophotometric<br>**"AS"** for Semi –Automated Spectrophotometric<br>**"C"** for Manual Spectrophotometric<br>**"T"** for Titrimetric<br>**"NR"** for analyte not required to be analyzed |
| **OR** | Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **Q** | Indicates the LCS did not meet the control limits requirements |
| H | Sample Analysis Out Of Hold Time |

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## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| Value | If the result is a value greater than or equal to the detection limit, report the value |
| **U** | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **J** | Indicates an estimated value**.** This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| **B** | Indicates the analyte was found in the blank as well as the sample report as "12 B". |
| **E** | Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **D** | This flag identifies all compounds identified in an analysis at a secondary dilution factor. |
| **P** | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P". |
| **N** | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used. |
| **A** | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product. |
| **Q** | Indicates the LCS did not meet the control limits requirements |

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** Q2202

| | Completed |
|---|---|
| **For thorough review, the report must have the following:** | |
| **GENERAL:** | |
| **Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)** | ✓ |
| **Check chain-of-custody for proper relinquish/return of samples** | ✓ |
| **Is the chain of custody signed and complete** | ✓ |
| **Check internal chain-of-custody for proper relinquish/return of samples /sample extracts** | ✓ |
| **Collect information for each project id from server. Were all requirements followed** | ✓ |
| **COVER PAGE:** | |
| **Do numbers of samples correspond to the number of samples in the Chain of Custody on login page** | ✓ |
| **Do lab numbers and client Ids on cover page agree with the Chain of Custody** | ✓ |
| **CHAIN OF CUSTODY:** | |
| **Do requested analyses on Chain of Custody agree with form I results** | ✓ |
| **Do requested analyses on Chain of Custody agree with the log-in page** | ✓ |
| **Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** SOHIL JODHANI **Date:** 06/18/2025

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2202 | **OrderDate:** | 6/4/2025 11:59:00 AM |
| **Client:** | PARSONS Engineering of New York, Inc. | **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 |
| **Contact:** | Stephen Liberatore | **Location:** | N31,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2202-01** | **MW-9-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/10/25 | |
| **Q2202-02** | **MW-11-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/10/25 | |
| **Q2202-03** | **MW-12-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/10/25 | |
| **Q2202-03DL** | **MW-12-20250603DL** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/11/25 | |
| **Q2202-04** | **MW-13D-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/11/25 | |
| **Q2202-05** | **MW-1A-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/11/25 | |
| **Q2202-06** | **TB-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | VOCMS Group1 | 8260-Low | | | 06/11/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID:** | **MW-9-20250603** | | | | | | | | |
| Q2202-01 | MW-9-20250603 | Water | Acetone | | 2.20 | J | 1.50 | 5.00 | ug/L |
| Q2202-01 | MW-9-20250603 | Water | 2-Butanone | | 1.30 | J | 0.98 | 5.00 | ug/L |
| Q2202-01 | MW-9-20250603 | Water | Chloroform | | 7.10 | | 0.25 | 1.00 | ug/L |
| Q2202-01 | MW-9-20250603 | Water | Trichloroethene | | 0.32 | J | 0.090 | 1.00 | ug/L |
| Q2202-01 | MW-9-20250603 | Water | Tetrachloroethene | | 0.39 | J | 0.23 | 1.00 | ug/L |
| | | | **Total Voc :** | | 11.3 | | | | |
| Q2202-01 | MW-9-20250603 | Water | sec-Butylbenzene | * | 0.24 | J | 0.13 | 1.00 | ug/L |
| | | | **Total Tics :** | | 0.24 | | | | |
| | | | **Total Concentration:** | | 11.6 | | | | |
| **Client ID:** | **MW-11-20250603** | | | | | | | | |
| Q2202-02 | MW-11-20250603 | Water | Acetone | | 1.90 | J | 1.50 | 5.00 | ug/L |
| Q2202-02 | MW-11-20250603 | Water | Methyl tert-butyl Ether | | 0.64 | J | 0.16 | 1.00 | ug/L |
| Q2202-02 | MW-11-20250603 | Water | Chloroform | | 0.51 | J | 0.25 | 1.00 | ug/L |
| Q2202-02 | MW-11-20250603 | Water | Tetrachloroethene | | 1.90 | | 0.23 | 1.00 | ug/L |
| | | | **Total Voc :** | | 4.95 | | | | |
| | | | **Total Concentration:** | | 4.95 | | | | |
| **Client ID:** | **MW-12-20250603** | | | | | | | | |
| Q2202-03 | MW-12-20250603 | Water | Acetone | | 3.30 | J | 1.50 | 5.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Carbon Disulfide | | 19.5 | | 0.21 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Methyl tert-butyl Ether | | 1.20 | | 0.16 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Methylcyclohexane | | 18.5 | | 0.16 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Benzene | | 4.10 | | 0.15 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Trichloroethene | | 0.56 | J | 0.090 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Toluene | | 1.90 | | 0.14 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Ethyl Benzene | | 240 | E | 0.13 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | m/p-Xylenes | | 13.1 | | 0.24 | 2.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | o-Xylene | | 13.5 | | 0.12 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Isopropylbenzene | | 65.7 | | 0.12 | 1.00 | ug/L |
| | | | **Total Voc :** | | 381 | | | | |
| Q2202-03 | MW-12-20250603 | Water | Benzene, 1,2,4,5-tetramethyl- | * | 15.1 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Azulene | * | 250 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Indane | * | 130 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Benzene, 1-ethyl-2-methyl- | * | 35.4 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Indan, 1-methyl- | * | 54.8 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | 1H-Indene, 2,3-dihydro-4-meth | * | 35.4 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Benzene, 1-ethyl-2,4-dimethyl- | * | 45.1 | J | 0 | 0 | ug/L |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | Matrix | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Q2202-03 | MW-12-20250603 | Water | 2-Methylindene | * | 29.2 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | Sulfur dioxide | * | 39.3 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | n-propylbenzene | * | 73.5 | J | 0.13 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | 1,3,5-Trimethylbenzene | * | 26.1 | J | 0.15 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | 1,2,4-Trimethylbenzene | * | 240 | J | 0.14 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | sec-Butylbenzene | * | 3.20 | J | 0.13 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | p-Isopropyltoluene | * | 6.20 | J | 0.13 | 1.00 | ug/L |
| Q2202-03 | MW-12-20250603 | Water | n-Butylbenzene | * | 4.40 | J | 0.15 | 1.00 | ug/L |
| | | | **Total Tics :** | | 988 | | | | |
| | | | **Total Concentration:** | | 1370 | | | | |
| **Client ID:** | **MW-12-20250603DL** | | | | | | | | |
| Q2202-03DL | MW-12-20250603D | Water | Carbon Disulfide | | 28.4 | D | 1.10 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | Methylcyclohexane | | 17.3 | D | 0.80 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | Benzene | | 3.90 | JD | 0.75 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | Toluene | | 2.00 | JD | 0.70 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | Ethyl Benzene | | 220 | D | 0.65 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | m/p-Xylenes | | 13.1 | D | 1.20 | 10.0 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | o-Xylene | | 12.5 | D | 0.60 | 5.00 | ug/L |
| Q2202-03DL | MW-12-20250603D | Water | Isopropylbenzene | | 58.5 | D | 0.60 | 5.00 | ug/L |
| | | | **Total Voc :** | | 356 | | | | |
| | | | **Total Concentration:** | | 356 | | | | |
| **Client ID:** | **MW-13D-20250603** | | | | | | | | |
| Q2202-04 | MW-13D-20250603 | Water | Acetone | | 1.50 | J | 1.50 | 5.00 | ug/L |
| Q2202-04 | MW-13D-20250603 | Water | Chloroform | | 2.00 | | 0.25 | 1.00 | ug/L |
| Q2202-04 | MW-13D-20250603 | Water | Tetrachloroethene | | 2.80 | | 0.23 | 1.00 | ug/L |
| | | | **Total Voc :** | | 6.30 | | | | |
| Q2202-04 | MW-13D-20250603 | Water | Naphthalene | * | 0.26 | J | 0.20 | 1.00 | ug/L |
| | | | **Total Tics :** | | 0.26 | | | | |
| | | | **Total Concentration:** | | 6.56 | | | | |
| **Client ID:** | **MW-1A-20250603** | | | | | | | | |
| Q2202-05 | MW-1A-20250603 | Water | Acetone | | 4.40 | J | 1.50 | 5.00 | ug/L |
| Q2202-05 | MW-1A-20250603 | Water | 2-Butanone | | 1.20 | J | 0.98 | 5.00 | ug/L |
| Q2202-05 | MW-1A-20250603 | Water | Chloroform | | 1.50 | | 0.25 | 1.00 | ug/L |
| Q2202-05 | MW-1A-20250603 | Water | Benzene | | 2.20 | | 0.15 | 1.00 | ug/L |
| Q2202-05 | MW-1A-20250603 | Water | 4-Methyl-2-Pentanone | | 0.85 | J | 0.68 | 5.00 | ug/L |
| | | | **Total Voc :** | | 10.2 | | | | |
| Q2202-05 | MW-1A-20250603 | Water | Naphthalene | * | 0.34 | J | 0.20 | 1.00 | ug/L |
| | | | **Total Tics :** | | 0.34 | | | | |

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Fax : 908 789 8922



# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| | | | **Total Concentration:** | 10.5 | | | | |

# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-9-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086934.D | 1 | | 06/10/25 17:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 2.20 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 1.30 | J | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 7.10 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.32 | J | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-9-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086934.D | 1 | | 06/10/25 17:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.39 | J | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.2 | | 74 - 125 | 98% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.4 | | 75 - 124 | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.2 | | 86 - 113 | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 50.1 | | 77 - 121 | 100% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 312000 | 8.235 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 586000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 515000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 245000 | 13.794 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-9-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086934.D | 1 | | 06/10/25 17:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 135-98-8 | sec-Butylbenzene | 0.24 | J | | 13.6 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-11-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086935.D | 1 | | 06/10/25 17:31 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.90 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.64 | J | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.51 | J | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-11-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086935.D | 1 | | 06/10/25 17:31 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 1.90 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.7 | | 74 - 125 | 99% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.2 | | 75 - 124 | 100% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.1 | | 86 - 113 | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 49.9 | | 77 - 121 | 100% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 320000 | 8.235 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 603000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 539000 | 11.864 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 260000 | 13.794 | | | |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-11-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086935.D | 1 | | 06/10/25 17:31 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086936.D | 1 | | 06/10/25 17:52 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 3.30 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 19.5 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 1.20 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 18.5 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 4.10 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.56 | J | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 1.90 | | 0.14 | 1.00 | ug/L |

Alliance TECHNICAL GROUP
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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086936.D | 1 | | 06/10/25 17:52 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 240 | E | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 13.1 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 13.5 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 65.7 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 49.2 | | 74 - 125 | 98% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.6 | | 75 - 124 | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.6 | | 86 - 113 | 105% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 50.2 | | 77 - 121 | 100% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 311000 | 8.229 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 591000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 528000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 243000 | 13.788 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086936.D | 1 | | 06/10/25 17:52 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 007446-09-5 | Sulfur dioxide | 39.3 | J | | 2.33 | ug/L |
| 103-65-1 | n-propylbenzene | 73.5 | J | | 13.0 | ug/L |
| 108-67-8 | 1,3,5-Trimethylbenzene | 26.1 | J | | 13.2 | ug/L |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 35.4 | J | | 13.3 | ug/L |
| 95-63-6 | 1,2,4-Trimethylbenzene | 240 | J | | 13.5 | ug/L |
| 135-98-8 | sec-Butylbenzene | 3.20 | J | | 13.6 | ug/L |
| 99-87-6 | p-Isopropyltoluene | 6.20 | J | | 13.7 | ug/L |
| 000496-11-7 | Indane | 130 | J | | 14.0 | ug/L |
| 104-51-8 | n-Butylbenzene | 4.40 | J | | 14.1 | ug/L |
| 000767-58-8 | Indan, 1-methyl- | 54.8 | J | | 14.4 | ug/L |
| 000095-93-2 | Benzene, 1,2,4,5-tetramethyl- | 15.1 | J | | 14.7 | ug/L |
| 000824-22-6 | 1H-Indene, 2,3-dihydro-4-methyl- | 35.4 | J | | 14.9 | ug/L |
| 000874-41-9 | Benzene, 1-ethyl-2,4-dimethyl- | 45.1 | J | | 15.0 | ug/L |
| 002177-47-1 | 2-Methylindene | 29.2 | J | | 15.2 | ug/L |
| 000275-51-4 | Azulene | 250 | J | | 15.6 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086947.D | 5 | | 06/11/25 14:44 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 1.10 | UD | 1.10 | 5.00 | ug/L |
| 74-87-3 | Chloromethane | 1.60 | UD | 1.60 | 5.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 1.30 | UD | 1.30 | 5.00 | ug/L |
| 74-83-9 | Bromomethane | 7.20 | UD | 7.20 | 25.0 | ug/L |
| 75-00-3 | Chloroethane | 2.40 | UD | 2.40 | 5.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 1.70 | UD | 1.70 | 5.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 1.30 | UD | 1.30 | 5.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 1.20 | UD | 1.20 | 5.00 | ug/L |
| 67-64-1 | Acetone | 7.60 | UD | 7.60 | 25.0 | ug/L |
| 75-15-0 | Carbon Disulfide | 28.4 | D | 1.10 | 5.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.80 | UD | 0.80 | 5.00 | ug/L |
| 79-20-9 | Methyl Acetate | 1.40 | UD | 1.40 | 5.00 | ug/L |
| 75-09-2 | Methylene Chloride | 1.40 | UD | 1.40 | 5.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 1.20 | UD | 1.20 | 5.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 1.20 | UD | 1.20 | 5.00 | ug/L |
| 110-82-7 | Cyclohexane | 7.30 | UD | 7.30 | 25.0 | ug/L |
| 78-93-3 | 2-Butanone | 4.90 | UD | 4.90 | 25.0 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 1.30 | UD | 1.30 | 5.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.95 | UD | 0.95 | 5.00 | ug/L |
| 74-97-5 | Bromochloromethane | 1.10 | UD | 1.10 | 5.00 | ug/L |
| 67-66-3 | Chloroform | 1.30 | UD | 1.30 | 5.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 1.00 | UD | 1.00 | 5.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 17.3 | D | 0.80 | 5.00 | ug/L |
| 71-43-2 | Benzene | 3.90 | JD | 0.75 | 5.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 1.10 | UD | 1.10 | 5.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.47 | UD | 0.47 | 5.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 1.00 | UD | 1.00 | 5.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 1.10 | UD | 1.10 | 5.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 3.40 | UD | 3.40 | 25.0 | ug/L |
| 108-88-3 | Toluene | 2.00 | JD | 0.70 | 5.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086947.D | 5 | | 06/11/25 14:44 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.85 | UD | 0.85 | 5.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.80 | UD | 0.80 | 5.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 1.10 | UD | 1.10 | 5.00 | ug/L |
| 591-78-6 | 2-Hexanone | 4.50 | UD | 4.50 | 25.0 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.90 | UD | 0.90 | 5.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.75 | UD | 0.75 | 5.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 1.20 | UD | 1.20 | 5.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.60 | UD | 0.60 | 5.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 220 | D | 0.65 | 5.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 13.1 | D | 1.20 | 10.0 | ug/L |
| 95-47-6 | o-Xylene | 12.5 | D | 0.60 | 5.00 | ug/L |
| 100-42-5 | Styrene | 0.75 | UD | 0.75 | 5.00 | ug/L |
| 75-25-2 | Bromoform | 0.95 | UD | 0.95 | 5.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 58.5 | D | 0.60 | 5.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.30 | UD | 1.30 | 5.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.80 | UD | 0.80 | 5.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.95 | UD | 0.95 | 5.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.80 | UD | 0.80 | 5.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 2.70 | UD | 2.70 | 5.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.00 | UD | 1.00 | 5.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.00 | UD | 1.00 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.3 | | 74 - 125 | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.1 | | 75 - 124 | 100% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.2 | | 86 - 113 | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 51.3 | | 77 - 121 | 103% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 328000 | 8.236 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 626000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 565000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 268000 | 13.788 | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086947.D | 5 | | 06/11/25 14:44 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-13D-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086952.D | 1 | | 06/11/25 16:35 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.50 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 2.00 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-13D-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086952.D | 1 | | 06/11/25 16:35 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 2.80 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.4 | | 74 - 125 | 97% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.0 | | 75 - 124 | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.3 | | 86 - 113 | 103% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 48.8 | | 77 - 121 | 98% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 281000 | 8.235 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 529000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 457000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 219000 | 13.794 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-13D-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-04 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086952.D | 1 | | 06/11/25 16:35 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 91-20-3 | Naphthalene | 0.26 | J | | 15.6 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-1A-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086951.D | 1 | | 06/11/25 16:12 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 4.40 | J | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 1.20 | J | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 1.50 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 2.20 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.85 | J | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

Alliance TECHNICAL GROUP
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-1A-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086951.D | 1 | | 06/11/25 16:12 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.7 | | 74 - 125 | 101% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.0 | | 75 - 124 | 100% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 52.0 | | 86 - 113 | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 49.8 | | 77 - 121 | 100% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 322000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 621000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 554000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 264000 | 13.788 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-1A-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-05 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086951.D | 1 | | 06/11/25 16:12 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 91-20-3 | Naphthalene | 0.34 | J | | 15.6 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | TB-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086949.D | 1 | | 06/11/25 15:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.50 | U | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | TB-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086949.D | 1 | | 06/11/25 15:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.9 | | 74 - 125 | 98% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.3 | | 75 - 124 | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.8 | | 86 - 113 | 104% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 49.7 | | 77 - 121 | 99% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 324000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 611000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 539000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 263000 | 13.794 | | | |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | TB-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-06 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086949.D | 1 | | 06/11/25 15:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



## Surrogate Summary

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low

| Lab Sample ID | Client ID | Parameter | Spike | Result | RecoveryQual | Limits Low | Limits High |
|---|---|---|---|---|---|---|---|
| Q2202-01 | MW-9-20250603 | 1,2-Dichloroethane-d4 | 50 | 49.2 | 98 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.4 | 99 | 75 | 124 |
| | | Toluene-d8 | 50 | 52.2 | 104 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 50.1 | 100 | 77 | 121 |
| Q2202-02 | MW-11-20250603 | 1,2-Dichloroethane-d4 | 50 | 49.7 | 99 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 50.2 | 100 | 75 | 124 |
| | | Toluene-d8 | 50 | 52.1 | 104 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 49.9 | 100 | 77 | 121 |
| Q2202-03 | MW-12-20250603 | 1,2-Dichloroethane-d4 | 50 | 49.2 | 98 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.6 | 99 | 75 | 124 |
| | | Toluene-d8 | 50 | 52.6 | 105 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 50.2 | 100 | 77 | 121 |
| Q2202-03DL | MW-12-20250603DL | 1,2-Dichloroethane-d4 | 50 | 50.3 | 101 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 50.1 | 100 | 75 | 124 |
| | | Toluene-d8 | 50 | 52.2 | 104 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 51.3 | 103 | 77 | 121 |
| Q2202-04 | MW-13D-20250603 | 1,2-Dichloroethane-d4 | 50 | 48.4 | 97 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.0 | 98 | 75 | 124 |
| | | Toluene-d8 | 50 | 51.3 | 103 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 48.9 | 98 | 77 | 121 |
| Q2202-05 | MW-1A-20250603 | 1,2-Dichloroethane-d4 | 50 | 50.7 | 101 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 50.0 | 100 | 75 | 124 |
| | | Toluene-d8 | 50 | 52.0 | 104 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 49.8 | 100 | 77 | 121 |
| Q2202-06 | TB-20250603 | 1,2-Dichloroethane-d4 | 50 | 48.9 | 98 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.4 | 99 | 75 | 124 |
| | | Toluene-d8 | 50 | 51.8 | 104 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 49.7 | 99 | 77 | 121 |
| VN0610WBL01 | VN0610WBL01 | 1,2-Dichloroethane-d4 | 50 | 46.7 | 93 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.0 | 98 | 75 | 124 |
| | | Toluene-d8 | 50 | 51.5 | 103 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 49.0 | 98 | 77 | 121 |
| VN0610WBS01 | VN0610WBS01 | 1,2-Dichloroethane-d4 | 50 | 45.4 | 91 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.5 | 99 | 75 | 124 |
| | | Toluene-d8 | 50 | 48.6 | 97 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 48.3 | 97 | 77 | 121 |
| VN0610WBSD0 | VN0610WBSD01 | 1,2-Dichloroethane-d4 | 50 | 47.0 | 94 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.8 | 100 | 75 | 124 |
| | | Toluene-d8 | 50 | 48.1 | 96 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 48.6 | 97 | 77 | 121 |
| VN0611WBL01 | VN0611WBL01 | 1,2-Dichloroethane-d4 | 50 | 48.3 | 97 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 49.3 | 99 | 75 | 124 |
| | | Toluene-d8 | 50 | 51.7 | 103 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 49.4 | 99 | 77 | 121 |
| VN0611WBS02 | VN0611WBS02 | 1,2-Dichloroethane-d4 | 50 | 47.1 | 94 | 74 | 125 |
| | | Dibromofluoromethane | 50 | 51.1 | 102 | 75 | 124 |
| | | Toluene-d8 | 50 | 48.7 | 97 | 86 | 113 |
| | | 4-Bromofluorobenzene | 50 | 50.0 | 100 | 77 | 121 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086916.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0610WBS01 | Dichlorodifluoromethane | 20 | 19.0 | ug/L | 95 | | | 69 | 116 | |
| | Chloromethane | 20 | 15.9 | ug/L | 79 | | | 65 | 116 | |
| | Vinyl chloride | 20 | 18.0 | ug/L | 90 | | | 65 | 117 | |
| | Bromomethane | 20 | 19.7 | ug/L | 99 | | | 58 | 125 | |
| | Chloroethane | 20 | 18.4 | ug/L | 92 | | | 56 | 128 | |
| | Trichlorofluoromethane | 20 | 18.3 | ug/L | 92 | | | 73 | 115 | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.2 | ug/L | 91 | | | 80 | 112 | |
| | 1,1-Dichloroethene | 20 | 18.7 | ug/L | 94 | | | 74 | 110 | |
| | Acetone | 100 | 80.3 | ug/L | 80 | | | 60 | 125 | |
| | Carbon disulfide | 20 | 17.1 | ug/L | 86 | | | 64 | 112 | |
| | Methyl tert-butyl Ether | 20 | 18.7 | ug/L | 94 | | | 78 | 114 | |
| | Methyl Acetate | 20 | 17.1 | ug/L | 86 | | | 67 | 125 | |
| | Methylene Chloride | 20 | 17.4 | ug/L | 87 | | | 72 | 114 | |
| | trans-1,2-Dichloroethene | 20 | 17.9 | ug/L | 90 | | | 75 | 108 | |
| | 1,1-Dichloroethane | 20 | 18.2 | ug/L | 91 | | | 78 | 112 | |
| | Cyclohexane | 20 | 16.5 | ug/L | 83 | | | 75 | 110 | |
| | 2-Butanone | 100 | 84.0 | ug/L | 84 | | | 65 | 122 | |
| | Carbon Tetrachloride | 20 | 18.8 | ug/L | 94 | | | 77 | 113 | |
| | cis-1,2-Dichloroethene | 20 | 18.7 | ug/L | 94 | | | 77 | 110 | |
| | Bromochloromethane | 20 | 16.6 | ug/L | 83 | | | 70 | 124 | |
| | Chloroform | 20 | 18.2 | ug/L | 91 | | | 79 | 113 | |
| | 1,1,1-Trichloroethane | 20 | 18.1 | ug/L | 91 | | | 80 | 108 | |
| | Methylcyclohexane | 20 | 15.9 | ug/L | 79 | | | 72 | 115 | |
| | Benzene | 20 | 18.5 | ug/L | 93 | | | 82 | 109 | |
| | 1,2-Dichloroethane | 20 | 18.7 | ug/L | 94 | | | 80 | 115 | |
| | Trichloroethene | 20 | 19.3 | ug/L | 97 | | | 77 | 113 | |
| | 1,2-Dichloropropane | 20 | 18.6 | ug/L | 93 | | | 83 | 111 | |
| | Bromodichloromethane | 20 | 18.8 | ug/L | 94 | | | 83 | 110 | |
| | 4-Methyl-2-Pentanone | 100 | 91.5 | ug/L | 92 | | | 74 | 118 | |
| | Toluene | 20 | 19.0 | ug/L | 95 | | | 82 | 110 | |
| | t-1,3-Dichloropropene | 20 | 19.6 | ug/L | 98 | | | 79 | 110 | |
| | cis-1,3-Dichloropropene | 20 | 19.3 | ug/L | 97 | | | 82 | 110 | |
| | 1,1,2-Trichloroethane | 20 | 19.5 | ug/L | 98 | | | 83 | 112 | |
| | 2-Hexanone | 100 | 87.4 | ug/L | 87 | | | 73 | 117 | |
| | Dibromochloromethane | 20 | 19.5 | ug/L | 98 | | | 82 | 110 | |
| | 1,2-Dibromoethane | 20 | 18.9 | ug/L | 95 | | | 81 | 110 | |
| | Tetrachloroethene | 20 | 17.9 | ug/L | 90 | | | 67 | 123 | |
| | Chlorobenzene | 20 | 18.9 | ug/L | 95 | | | 82 | 109 | |
| | Ethyl Benzene | 20 | 18.3 | ug/L | 92 | | | 83 | 109 | |
| | m/p-Xylenes | 40 | 37.7 | ug/L | 94 | | | 82 | 110 | |
| | o-Xylene | 20 | 18.9 | ug/L | 95 | | | 83 | 109 | |
| | Styrene | 20 | 19.0 | ug/L | 95 | | | 80 | 111 | |
| | Bromoform | 20 | 20.1 | ug/L | 101 | | | 79 | 109 | |
| | Isopropylbenzene | 20 | 18.1 | ug/L | 91 | | | 83 | 112 | |
| | 1,1,2,2-Tetrachloroethane | 20 | 19.4 | ug/L | 97 | | | 76 | 118 | |
| | 1,3-Dichlorobenzene | 20 | 18.8 | ug/L | 94 | | | 82 | 108 | |
| | 1,4-Dichlorobenzene | 20 | 18.7 | ug/L | 94 | | | 82 | 107 | |
| | 1,2-Dichlorobenzene | 20 | 18.8 | ug/L | 94 | | | 82 | 109 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086916.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0610WBS01 | 1,2-Dibromo-3-Chloropropane | 20 | 18.6 | ug/L | 93 | | | 68 | 112 | |
| | 1,2,4-Trichlorobenzene | 20 | 17.0 | ug/L | 85 | | | 75 | 113 | |
| | 1,2,3-Trichlorobenzene | 20 | 15.7 | ug/L | 79 | | | 76 | 114 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086917.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0610WBSD01 | Dichlorodifluoromethane | 20 | 19.0 | ug/L | 95 | 0 | | 69 | 116 | 20 |
| | Chloromethane | 20 | 16.1 | ug/L | 81 | 3 | | 65 | 116 | 20 |
| | Vinyl chloride | 20 | 18.2 | ug/L | 91 | 1 | | 65 | 117 | 20 |
| | Bromomethane | 20 | 19.2 | ug/L | 96 | 3 | | 58 | 125 | 20 |
| | Chloroethane | 20 | 18.9 | ug/L | 95 | 3 | | 56 | 128 | 20 |
| | Trichlorofluoromethane | 20 | 18.7 | ug/L | 94 | 2 | | 73 | 115 | 20 |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.4 | ug/L | 92 | 1 | | 80 | 112 | 20 |
| | 1,1-Dichloroethene | 20 | 18.8 | ug/L | 94 | 0 | | 74 | 110 | 20 |
| | Acetone | 100 | 84.2 | ug/L | 84 | 5 | | 60 | 125 | 20 |
| | Carbon disulfide | 20 | 17.4 | ug/L | 87 | 1 | | 64 | 112 | 20 |
| | Methyl tert-butyl Ether | 20 | 19.7 | ug/L | 99 | 5 | | 78 | 114 | 20 |
| | Methyl Acetate | 20 | 18.6 | ug/L | 93 | 8 | | 67 | 125 | 20 |
| | Methylene Chloride | 20 | 18.6 | ug/L | 93 | 7 | | 72 | 114 | 20 |
| | trans-1,2-Dichloroethene | 20 | 18.3 | ug/L | 92 | 2 | | 75 | 108 | 20 |
| | 1,1-Dichloroethane | 20 | 18.9 | ug/L | 95 | 4 | | 78 | 112 | 20 |
| | Cyclohexane | 20 | 16.9 | ug/L | 85 | 2 | | 75 | 110 | 20 |
| | 2-Butanone | 100 | 90.8 | ug/L | 91 | 8 | | 65 | 122 | 20 |
| | Carbon Tetrachloride | 20 | 19.2 | ug/L | 96 | 2 | | 77 | 113 | 20 |
| | cis-1,2-Dichloroethene | 20 | 19.2 | ug/L | 96 | 2 | | 77 | 110 | 20 |
| | Bromochloromethane | 20 | 17.7 | ug/L | 89 | 7 | | 70 | 124 | 20 |
| | Chloroform | 20 | 18.7 | ug/L | 94 | 3 | | 79 | 113 | 20 |
| | 1,1,1-Trichloroethane | 20 | 18.4 | ug/L | 92 | 1 | | 80 | 108 | 20 |
| | Methylcyclohexane | 20 | 16.3 | ug/L | 81 | 3 | | 72 | 115 | 20 |
| | Benzene | 20 | 19.0 | ug/L | 95 | 2 | | 82 | 109 | 20 |
| | 1,2-Dichloroethane | 20 | 19.9 | ug/L | 100 | 6 | | 80 | 115 | 20 |
| | Trichloroethene | 20 | 19.7 | ug/L | 99 | 2 | | 77 | 113 | 20 |
| | 1,2-Dichloropropane | 20 | 19.5 | ug/L | 98 | 5 | | 83 | 111 | 20 |
| | Bromodichloromethane | 20 | 20.0 | ug/L | 100 | 6 | | 83 | 110 | 20 |
| | 4-Methyl-2-Pentanone | 100 | 98.3 | ug/L | 98 | 6 | | 74 | 118 | 20 |
| | Toluene | 20 | 19.4 | ug/L | 97 | 2 | | 82 | 110 | 20 |
| | t-1,3-Dichloropropene | 20 | 20.6 | ug/L | 103 | 5 | | 79 | 110 | 20 |
| | cis-1,3-Dichloropropene | 20 | 20.3 | ug/L | 102 | 5 | | 82 | 110 | 20 |
| | 1,1,2-Trichloroethane | 20 | 20.2 | ug/L | 101 | 3 | | 83 | 112 | 20 |
| | 2-Hexanone | 100 | 94.9 | ug/L | 95 | 9 | | 73 | 117 | 20 |
| | Dibromochloromethane | 20 | 20.9 | ug/L | 104 | 6 | | 82 | 110 | 20 |
| | 1,2-Dibromoethane | 20 | 20.3 | ug/L | 102 | 7 | | 81 | 110 | 20 |
| | Tetrachloroethene | 20 | 18.4 | ug/L | 92 | 2 | | 67 | 123 | 20 |
| | Chlorobenzene | 20 | 19.8 | ug/L | 99 | 4 | | 82 | 109 | 20 |
| | Ethyl Benzene | 20 | 18.8 | ug/L | 94 | 2 | | 83 | 109 | 20 |
| | m/p-Xylenes | 40 | 38.0 | ug/L | 95 | 1 | | 82 | 110 | 20 |
| | o-Xylene | 20 | 19.7 | ug/L | 99 | 4 | | 83 | 109 | 20 |
| | Styrene | 20 | 19.8 | ug/L | 99 | 4 | | 80 | 111 | 20 |
| | Bromoform | 20 | 21.0 | ug/L | 105 | 4 | | 79 | 109 | 20 |
| | Isopropylbenzene | 20 | 18.6 | ug/L | 93 | 2 | | 83 | 112 | 20 |
| | 1,1,2,2-Tetrachloroethane | 20 | 20.9 | ug/L | 104 | 7 | | 76 | 118 | 20 |
| | 1,3-Dichlorobenzene | 20 | 19.5 | ug/L | 98 | 4 | | 82 | 108 | 20 |
| | 1,4-Dichlorobenzene | 20 | 19.3 | ug/L | 97 | 3 | | 82 | 107 | 20 |
| | 1,2-Dichlorobenzene | 20 | 19.8 | ug/L | 99 | 5 | | 82 | 109 | 20 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086917.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0610WBSD01 | 1,2-Dibromo-3-Chloropropane | 20 | 19.3 | ug/L | 97 | 4 | | 68 | 112 | 20 |
| | 1,2,4-Trichlorobenzene | 20 | 17.2 | ug/L | 86 | 1 | | 75 | 113 | 20 |
| | 1,2,3-Trichlorobenzene | 20 | 16.6 | ug/L | 83 | 5 | | 76 | 114 | 20 |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086944.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0611WBS02 | Dichlorodifluoromethane | 20 | 19.7 | ug/L | 99 | | | 69 | 116 | |
| | Chloromethane | 20 | 16.1 | ug/L | 81 | | | 65 | 116 | |
| | Vinyl chloride | 20 | 18.9 | ug/L | 95 | | | 65 | 117 | |
| | Bromomethane | 20 | 16.6 | ug/L | 83 | | | 58 | 125 | |
| | Chloroethane | 20 | 19.4 | ug/L | 97 | | | 56 | 128 | |
| | Trichlorofluoromethane | 20 | 19.2 | ug/L | 96 | | | 73 | 115 | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 19.6 | ug/L | 98 | | | 80 | 112 | |
| | 1,1-Dichloroethene | 20 | 19.2 | ug/L | 96 | | | 74 | 110 | |
| | Acetone | 100 | 99.0 | ug/L | 99 | | | 60 | 125 | |
| | Carbon disulfide | 20 | 17.8 | ug/L | 89 | | | 64 | 112 | |
| | Methyl tert-butyl Ether | 20 | 19.6 | ug/L | 98 | | | 78 | 114 | |
| | Methyl Acetate | 20 | 19.0 | ug/L | 95 | | | 67 | 125 | |
| | Methylene Chloride | 20 | 19.0 | ug/L | 95 | | | 72 | 114 | |
| | trans-1,2-Dichloroethene | 20 | 18.5 | ug/L | 93 | | | 75 | 108 | |
| | 1,1-Dichloroethane | 20 | 19.4 | ug/L | 97 | | | 78 | 112 | |
| | Cyclohexane | 20 | 17.6 | ug/L | 88 | | | 75 | 110 | |
| | 2-Butanone | 100 | 90.4 | ug/L | 90 | | | 65 | 122 | |
| | Carbon Tetrachloride | 20 | 19.2 | ug/L | 96 | | | 77 | 113 | |
| | cis-1,2-Dichloroethene | 20 | 19.5 | ug/L | 98 | | | 77 | 110 | |
| | Bromochloromethane | 20 | 19.9 | ug/L | 100 | | | 70 | 124 | |
| | Chloroform | 20 | 19.5 | ug/L | 98 | | | 79 | 113 | |
| | 1,1,1-Trichloroethane | 20 | 19.0 | ug/L | 95 | | | 80 | 108 | |
| | Methylcyclohexane | 20 | 16.9 | ug/L | 85 | | | 72 | 115 | |
| | Benzene | 20 | 19.3 | ug/L | 97 | | | 82 | 109 | |
| | 1,2-Dichloroethane | 20 | 19.5 | ug/L | 98 | | | 80 | 115 | |
| | Trichloroethene | 20 | 19.9 | ug/L | 100 | | | 77 | 113 | |
| | 1,2-Dichloropropane | 20 | 19.6 | ug/L | 98 | | | 83 | 111 | |
| | Bromodichloromethane | 20 | 19.6 | ug/L | 98 | | | 83 | 110 | |
| | 4-Methyl-2-Pentanone | 100 | 98.0 | ug/L | 98 | | | 74 | 118 | |
| | Toluene | 20 | 19.5 | ug/L | 98 | | | 82 | 110 | |
| | t-1,3-Dichloropropene | 20 | 19.9 | ug/L | 100 | | | 79 | 110 | |
| | cis-1,3-Dichloropropene | 20 | 20.1 | ug/L | 101 | | | 82 | 110 | |
| | 1,1,2-Trichloroethane | 20 | 20.4 | ug/L | 102 | | | 83 | 112 | |
| | 2-Hexanone | 100 | 89.2 | ug/L | 89 | | | 73 | 117 | |
| | Dibromochloromethane | 20 | 20.5 | ug/L | 103 | | | 82 | 110 | |
| | 1,2-Dibromoethane | 20 | 19.7 | ug/L | 99 | | | 81 | 110 | |
| | Tetrachloroethene | 20 | 19.2 | ug/L | 96 | | | 67 | 123 | |
| | Chlorobenzene | 20 | 20.0 | ug/L | 100 | | | 82 | 109 | |
| | Ethyl Benzene | 20 | 19.6 | ug/L | 98 | | | 83 | 109 | |
| | m/p-Xylenes | 40 | 39.6 | ug/L | 99 | | | 82 | 110 | |
| | o-Xylene | 20 | 20.2 | ug/L | 101 | | | 83 | 109 | |
| | Styrene | 20 | 20.1 | ug/L | 101 | | | 80 | 111 | |
| | Bromoform | 20 | 21.0 | ug/L | 105 | | | 79 | 109 | |
| | Isopropylbenzene | 20 | 19.3 | ug/L | 97 | | | 83 | 112 | |
| | 1,1,2,2-Tetrachloroethane | 20 | 21.0 | ug/L | 105 | | | 76 | 118 | |
| | 1,3-Dichlorobenzene | 20 | 20.3 | ug/L | 102 | | | 82 | 108 | |
| | 1,4-Dichlorobenzene | 20 | 20.4 | ug/L | 102 | | | 82 | 107 | |
| | 1,2-Dichlorobenzene | 20 | 20.0 | ug/L | 100 | | | 82 | 109 | |

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8260-Low **Datafile :** VN086944.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0611WBS02 | 1,2-Dibromo-3-Chloropropane | 20 | 19.2 | ug/L | 96 | | | 68 | 112 | |
| | 1,2,4-Trichlorobenzene | 20 | 18.4 | ug/L | 92 | | | 75 | 113 | |
| | 1,2,3-Trichlorobenzene | 20 | 17.8 | ug/L | 89 | | | 76 | 114 | |

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# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0610WBL01

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086915.D Lab Sample ID: VN0610WBL01

Date Analyzed: 06/10/2025 Time Analyzed: 10:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VN0610WBS01 | VN0610WBS01 | VN086916.D | 06/10/2025 |
| VN0610WBSD01 | VN0610WBSD01 | VN086917.D | 06/10/2025 |
| MW-9-20250603 | Q2202-01 | VN086934.D | 06/10/2025 |
| MW-11-20250603 | Q2202-02 | VN086935.D | 06/10/2025 |
| MW-12-20250603 | Q2202-03 | VN086936.D | 06/10/2025 |

COMMENTS:

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# VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086942.D Lab Sample ID: VN0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:28

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| VN0611WBS02 | VN0611WBS02 | VN086944.D | 06/11/2025 |
| MW-12-20250603DL | Q2202-03DL | VN086947.D | 06/11/2025 |
| TB-20250603 | Q2202-06 | VN086949.D | 06/11/2025 |
| MW-1A-20250603 | Q2202-05 | VN086951.D | 06/11/2025 |
| MW-13D-20250603 | Q2202-04 | VN086952.D | 06/11/2025 |

COMMENTS:

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 17.3 |
| 75 | 30.0 - 60.0% of mass 95 | 48.1 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 6.4 |
| 173 | Less than 2.0% of mass 174 | 0.7 ( 1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 66.6 |
| 175 | 5.0 - 9.0% of mass 174 | 4.7 ( 7.1 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 65.3 ( 98.1 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.4 ( 6.8 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDICC001 | VSTDICC001 | VN086862.D | 06/06/2025 | 12:44 |
| VSTDICC005 | VSTDICC005 | VN086863.D | 06/06/2025 | 13:17 |
| VSTDICC020 | VSTDICC020 | VN086864.D | 06/06/2025 | 13:40 |
| VSTDICCC050 | VSTDICCC050 | VN086865.D | 06/06/2025 | 14:03 |
| VSTDICC100 | VSTDICC100 | VN086866.D | 06/06/2025 | 14:26 |
| VSTDICC150 | VSTDICC150 | VN086867.D | 06/06/2025 | 14:49 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086912.D BFB Injection Date: 06/10/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:39

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 16.1 |
| 75 | 30.0 - 60.0% of mass 95 | 47.3 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 7 |
| 173 | Less than 2.0% of mass 174 | 0.6 ( 0.8 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 73.1 |
| 175 | 5.0 - 9.0% of mass 174 | 5.3 ( 7.2 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 71.3 ( 97.5 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.9 ( 6.9 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VN086913.D | 06/10/2025 | 09:13 |
| VN0610WBL01 | VN0610WBL01 | VN086915.D | 06/10/2025 | 10:09 |
| VN0610WBS01 | VN0610WBS01 | VN086916.D | 06/10/2025 | 10:30 |
| VN0610WBSD01 | VN0610WBSD01 | VN086917.D | 06/10/2025 | 11:04 |
| MW-9-20250603 | Q2202-01 | VN086934.D | 06/10/2025 | 17:09 |
| MW-11-20250603 | Q2202-02 | VN086935.D | 06/10/2025 | 17:31 |
| MW-12-20250603 | Q2202-03 | VN086936.D | 06/10/2025 | 17:52 |

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# VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086939.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 50 | 15.0 - 40.0% of mass 95 | 15.7 |
| 75 | 30.0 - 60.0% of mass 95 | 46.5 |
| 95 | Base Peak, 100% relative abundance | 100 |
| 96 | 5.0 - 9.0% of mass 95 | 7.1 |
| 173 | Less than 2.0% of mass 174 | 0.7 ( 1 ) 1 |
| 174 | 50.0 - 100.0% of mass 95 | 71.1 |
| 175 | 5.0 - 9.0% of mass 174 | 5.4 ( 7.5 ) 1 |
| 176 | 95.0 - 101.0% of mass 174 | 68.8 ( 96.8 ) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.8 ( 7 ) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| VSTDCCC050 | VSTDCCC050 | VN086940.D | 06/11/2025 | 11:32 |
| VN0611WBL01 | VN0611WBL01 | VN086942.D | 06/11/2025 | 12:28 |
| VN0611WBS02 | VN0611WBS02 | VN086944.D | 06/11/2025 | 13:27 |
| MW-12-20250603DL | Q2202-03DL | VN086947.D | 06/11/2025 | 14:44 |
| TB-20250603 | Q2202-06 | VN086949.D | 06/11/2025 | 15:28 |
| MW-1A-20250603 | Q2202-05 | VN086951.D | 06/11/2025 | 16:12 |
| MW-13D-20250603 | Q2202-04 | VN086952.D | 06/11/2025 | 16:35 |

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086913.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_N Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 239452 | 8.23 | 422119 | 9.11 | 362285 | 11.87 |
| UPPER LIMIT | 478904 | 8.73 | 844238 | 9.606 | 724570 | 12.365 |
| LOWER LIMIT | 119726 | 7.73 | 211060 | 8.606 | 181143 | 11.365 |
| EPA SAMPLE NO. | | | | | | |
| MW-9-20250603 | 312249 | 8.24 | 586192 | 9.11 | 514503 | 11.87 |
| MW-11-20250603 | 320004 | 8.24 | 603215 | 9.11 | 538656 | 11.86 |
| MW-12-20250603 | 311388 | 8.23 | 590517 | 9.11 | 527900 | 11.87 |
| VN0610WBL01 | 241251 | 8.23 | 440901 | 9.11 | 386425 | 11.87 |
| VN0610WBS01 | 249843 | 8.23 | 443174 | 9.11 | 389297 | 11.87 |
| VN0610WBSD01 | 231054 | 8.23 | 413772 | 9.11 | 362257 | 11.87 |

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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# VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086913.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_N Time Analyzed: 09:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 170987 | 13.788 | | | | |
| UPPER LIMIT | 341974 | 14.288 | | | | |
| LOWER LIMIT | 85493.5 | 13.288 | | | | |
| EPA SAMPLE NO. | | | | | | |
| MW-9-20250603 | 245448 | 13.79 | | | | |
| MW-11-20250603 | 259517 | 13.79 | | | | |
| MW-12-20250603 | 243200 | 13.79 | | | | |
| VN0610WBL01 | 183380 | 13.79 | | | | |
| VN0610WBS01 | 189620 | 13.79 | | | | |
| VN0610WBSD01 | 176612 | 13.79 | | | | |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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## VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS1 AREA # | RT # | IS2 AREA # | RT # | IS3 AREA # | RT # |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 205098 | 8.23 | 357643 | 9.11 | 312173 | 11.87 |
| UPPER LIMIT | 410196 | 8.73 | 715286 | 9.606 | 624346 | 12.365 |
| LOWER LIMIT | 102549 | 7.73 | 178822 | 8.606 | 156087 | 11.365 |
| EPA SAMPLE NO. | | | | | | |
| MW-12-20250603DL | 327908 | 8.24 | 625927 | 9.11 | 564664 | 11.87 |
| MW-13D-20250603 | 281008 | 8.24 | 529071 | 9.11 | 457419 | 11.87 |
| MW-1A-20250603 | 321797 | 8.23 | 621476 | 9.11 | 553688 | 11.87 |
| TB-20250603 | 324235 | 8.23 | 611383 | 9.11 | 538730 | 11.87 |
| VN0611WBL01 | 328120 | 8.23 | 618651 | 9.11 | 543433 | 11.87 |
| VN0611WBS02 | 206799 | 8.24 | 370524 | 9.11 | 321188 | 11.87 |

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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# VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

| | IS4 AREA # | RT # | | | | |
|---|---|---|---|---|---|---|
| 12 HOUR STD | 152136 | 13.788 | | | | |
| UPPER LIMIT | 304272 | 14.288 | | | | |
| LOWER LIMIT | 76068 | 13.288 | | | | |
| EPA SAMPLE NO. | | | | | | |
| MW-12-20250603DL | 268318 | 13.79 | | | | |
| MW-13D-20250603 | 218595 | 13.79 | | | | |
| MW-1A-20250603 | 263952 | 13.79 | | | | |
| TB-20250603 | 263158 | 13.79 | | | | |
| VN0611WBL01 | 257257 | 13.79 | | | | |
| VN0611WBS02 | 157403 | 13.79 | | | | |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

# QC SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086915.D | 1 | | 06/10/25 10:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.50 | U | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086915.D | 1 | | 06/10/25 10:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 46.7 | | 74 - 125 | 93% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.0 | | 75 - 124 | 98% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.5 | | 86 - 113 | 103% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 49.0 | | 77 - 121 | 98% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 241000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 441000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 386000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 183000 | 13.788 | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086915.D | 1 | | 06/10/25 10:09 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086942.D | 1 | | 06/11/25 12:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 0.33 | U | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 0.25 | U | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 1.50 | U | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 0.27 | U | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 1.50 | U | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 0.98 | U | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 0.16 | U | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 0.14 | U | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086942.D | 1 | | 06/11/25 12:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 0.15 | U | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 0.13 | U | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 0.24 | U | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.53 | U | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.20 | U | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 48.3 | | 74 - 125 | 97% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.3 | | 75 - 124 | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 51.7 | | 86 - 113 | 103% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 49.4 | | 77 - 121 | 99% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 328000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 619000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 543000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 257000 | 13.788 | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBL01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBL01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086942.D | 1 | | 06/11/25 12:28 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBS01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086916.D | 1 | | 06/10/25 10:30 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 19.0 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 15.9 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 18.0 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 19.7 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 18.4 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 18.3 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 18.2 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.7 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 80.3 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 17.1 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 18.7 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 17.1 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 17.4 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 17.9 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 18.2 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 16.5 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 84.0 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 18.8 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 18.7 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 16.6 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 18.2 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 18.1 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 15.9 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 18.5 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 18.7 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 19.3 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 18.6 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 18.8 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 91.5 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 19.0 | | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBS01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086916.D | 1 | | 06/10/25 10:30 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 19.6 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.3 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 19.5 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 87.4 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 19.5 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 18.9 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 17.9 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 18.9 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 18.3 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 37.7 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 18.9 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 19.0 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 20.1 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 18.1 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 19.4 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 18.8 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 18.7 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 18.8 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 18.6 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 17.0 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 15.7 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 45.4 | | 74 - 125 | 91% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.5 | | 75 - 124 | 99% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.6 | | 86 - 113 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 48.3 | | 77 - 121 | 97% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 250000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 443000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 389000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 190000 | 13.788 | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBS01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBS01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086916.D | 1 | | 06/10/25 10:30 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBS02 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBS02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086944.D | 1 | | 06/11/25 13:27 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 19.7 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 16.1 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 18.9 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 16.6 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 19.4 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 19.2 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 19.6 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 19.2 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 99.0 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 17.8 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 19.6 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 19.0 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 19.0 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.5 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 19.4 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 17.6 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 90.4 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.2 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.5 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 19.9 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 19.5 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 19.0 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 16.9 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.3 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 19.5 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 19.9 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 19.6 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 19.6 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 98.0 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 19.5 | | 0.14 | 1.00 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBS02 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBS02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086944.D | 1 | | 06/11/25 13:27 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 19.9 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.1 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 20.4 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 89.2 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 20.5 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 19.7 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 19.2 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 20.0 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 19.6 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 39.6 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 20.2 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 20.1 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 21.0 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 19.3 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.0 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 20.3 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 20.4 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 20.0 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 19.2 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 18.4 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 17.8 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 47.1 | | 74 - 125 | 94% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 51.1 | | 75 - 124 | 102% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.7 | | 86 - 113 | 97% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 50.0 | | 77 - 121 | 100% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 207000 | 8.235 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 371000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 321000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 157000 | 13.788 | | | |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0611WBS02 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0611WBS02 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086944.D | 1 | | 06/11/25 13:27 | VN061125 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBSD01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086917.D | 1 | | 06/10/25 11:04 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 19.0 | | 0.22 | 1.00 | ug/L |
| 74-87-3 | Chloromethane | 16.1 | | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 18.2 | | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 19.2 | | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 18.9 | | 0.47 | 1.00 | ug/L |
| 75-69-4 | Trichlorofluoromethane | 18.7 | | 0.33 | 1.00 | ug/L |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 18.4 | | 0.25 | 1.00 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 18.8 | | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 84.2 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 17.4 | | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 19.7 | | 0.16 | 1.00 | ug/L |
| 79-20-9 | Methyl Acetate | 18.6 | | 0.27 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 18.6 | | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 18.3 | | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 18.9 | | 0.23 | 1.00 | ug/L |
| 110-82-7 | Cyclohexane | 16.9 | | 1.50 | 5.00 | ug/L |
| 78-93-3 | 2-Butanone | 90.8 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 19.2 | | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 19.2 | | 0.19 | 1.00 | ug/L |
| 74-97-5 | Bromochloromethane | 17.7 | | 0.22 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 18.7 | | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 18.4 | | 0.20 | 1.00 | ug/L |
| 108-87-2 | Methylcyclohexane | 16.3 | | 0.16 | 1.00 | ug/L |
| 71-43-2 | Benzene | 19.0 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 19.9 | | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 19.7 | | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 19.5 | | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 20.0 | | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 98.3 | | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 19.4 | | 0.14 | 1.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBSD01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086917.D | 1 | | 06/10/25 11:04 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 10061-02-6 | t-1,3-Dichloropropene | 20.6 | | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.3 | | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 20.2 | | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 94.9 | | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 20.9 | | 0.18 | 1.00 | ug/L |
| 106-93-4 | 1,2-Dibromoethane | 20.3 | | 0.15 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 18.4 | | 0.23 | 1.00 | ug/L |
| 108-90-7 | Chlorobenzene | 19.8 | | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 18.8 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 38.0 | | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 19.7 | | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 19.8 | | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 21.0 | | 0.19 | 1.00 | ug/L |
| 98-82-8 | Isopropylbenzene | 18.6 | | 0.12 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20.9 | | 0.26 | 1.00 | ug/L |
| 541-73-1 | 1,3-Dichlorobenzene | 19.5 | | 0.16 | 1.00 | ug/L |
| 106-46-7 | 1,4-Dichlorobenzene | 19.3 | | 0.19 | 1.00 | ug/L |
| 95-50-1 | 1,2-Dichlorobenzene | 19.8 | | 0.16 | 1.00 | ug/L |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 19.3 | | 0.53 | 1.00 | ug/L |
| 120-82-1 | 1,2,4-Trichlorobenzene | 17.2 | | 0.20 | 1.00 | ug/L |
| 87-61-6 | 1,2,3-Trichlorobenzene | 16.6 | | 0.20 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 46.9 | | 74 - 125 | 94% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 49.8 | | 75 - 124 | 100% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 48.1 | | 86 - 113 | 96% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 48.6 | | 77 - 121 | 97% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 231000 | 8.23 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 414000 | 9.106 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 362000 | 11.865 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 177000 | 13.788 | | | |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | VN0610WBSD01 | SDG No.: | Q2202 |
| Lab Sample ID: | VN0610WBSD01 | Matrix: | Water |
| Analytical Method: | 8260D | % Solid: | 0 |
| Sample Wt/Vol: | 5 Units: mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | uL | Test: | VOCMS Group1 |
| GC Column: | RXI-624 ID : 0.25 | Level : | LOW |
| Prep Method : | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VN086917.D | 1 | | 06/10/25 11:04 | VN061025 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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Fax : 908 789 8922



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.467 | 0.444 | 0.539 | 0.501 | 0.535 | 0.506 | 0.499 | 7.5 |
| Chloromethane | 0.762 | 0.654 | 0.645 | 0.597 | 0.617 | 0.587 | 0.644 | 9.9 |
| Vinyl Chloride | 0.670 | 0.670 | 0.684 | 0.640 | 0.673 | 0.648 | 0.664 | 2.5 |
| Bromomethane | | 0.375 | 0.380 | 0.357 | 0.379 | 0.368 | 0.372 | 2.6 |
| Chloroethane | 0.460 | 0.444 | 0.442 | 0.408 | 0.418 | 0.402 | 0.429 | 5.4 |
| Trichlorofluoromethane | 0.882 | 0.903 | 0.904 | 0.834 | 0.858 | 0.825 | 0.868 | 3.9 |
| 1,1,2-Trichlorotrifluoroethane | 0.554 | 0.567 | 0.563 | 0.519 | 0.546 | 0.520 | 0.545 | 3.8 |
| 1,1-Dichloroethene | 0.573 | 0.593 | 0.563 | 0.533 | 0.550 | 0.527 | 0.557 | 4.4 |
| Acetone | 0.426 | 0.366 | 0.366 | 0.322 | 0.334 | 0.316 | 0.355 | 11.5 |
| Carbon Disulfide | 1.718 | 1.622 | 1.542 | 1.426 | 1.496 | 1.433 | 1.539 | 7.4 |
| Methyl tert-butyl Ether | 2.120 | 2.038 | 2.051 | 1.933 | 2.021 | 1.926 | 2.015 | 3.7 |
| Methyl Acetate | 1.035 | 1.049 | 1.078 | 0.986 | 1.049 | 1.011 | 1.035 | 3.1 |
| Methylene Chloride | 0.822 | 0.688 | 0.643 | 0.605 | 0.629 | 0.601 | 0.665 | 12.5 |
| trans-1,2-Dichloroethene | 0.700 | 0.674 | 0.621 | 0.567 | 0.591 | 0.561 | 0.619 | 9.3 |
| 1,1-Dichloroethane | 1.192 | 1.153 | 1.156 | 1.063 | 1.110 | 1.043 | 1.120 | 5.2 |
| Cyclohexane | | 1.303 | 1.116 | 1.004 | 1.030 | 0.976 | 1.086 | 12.2 |
| 2-Butanone | 0.604 | 0.598 | 0.604 | 0.551 | 0.573 | 0.533 | 0.577 | 5.2 |
| Carbon Tetrachloride | 0.453 | 0.449 | 0.434 | 0.409 | 0.435 | 0.421 | 0.433 | 3.9 |
| cis-1,2-Dichloroethene | 0.786 | 0.766 | 0.762 | 0.699 | 0.729 | 0.701 | 0.740 | 4.9 |
| Bromochloromethane | 0.579 | 0.564 | 0.616 | 0.466 | 0.517 | 0.560 | 0.550 | 9.5 |
| Chloroform | 1.235 | 1.152 | 1.145 | 1.061 | 1.085 | 1.030 | 1.118 | 6.7 |
| 1,1,1-Trichloroethane | 1.029 | 0.995 | 0.969 | 0.895 | 0.925 | 0.893 | 0.951 | 5.9 |
| Methylcyclohexane | 0.633 | 0.645 | 0.588 | 0.570 | 0.603 | 0.589 | 0.605 | 4.8 |
| Benzene | 1.588 | 1.501 | 1.444 | 1.345 | 1.414 | 1.371 | 1.444 | 6.2 |
| 1,2-Dichloroethane | 0.473 | 0.456 | 0.444 | 0.411 | 0.430 | 0.413 | 0.438 | 5.6 |
| Trichloroethene | 0.359 | 0.360 | 0.341 | 0.327 | 0.340 | 0.328 | 0.342 | 4.2 |
| 1,2-Dichloropropane | 0.366 | 0.369 | 0.354 | 0.332 | 0.352 | 0.335 | 0.351 | 4.4 |
| Bromodichloromethane | 0.510 | 0.484 | 0.480 | 0.457 | 0.483 | 0.465 | 0.480 | 3.8 |
| 4-Methyl-2-Pentanone | 0.505 | 0.549 | 0.576 | 0.538 | 0.562 | 0.528 | 0.543 | 4.6 |
| Toluene | 0.918 | 0.914 | 0.885 | 0.835 | 0.883 | 0.859 | 0.882 | 3.6 |

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922



# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

| COMPOUND | RRF001 | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | $\overline{RRF}$ | % RSD |
|---|---|---|---|---|---|---|---|---|
| t-1,3-Dichloropropene | 0.571 | 0.526 | 0.524 | 0.522 | 0.548 | 0.530 | 0.537 | 3.6 |
| cis-1,3-Dichloropropene | 0.609 | 0.577 | 0.564 | 0.551 | 0.584 | 0.561 | 0.574 | 3.6 |
| 1,1,2-Trichloroethane | 0.359 | 0.355 | 0.342 | 0.322 | 0.335 | 0.323 | 0.340 | 4.7 |
| 2-Hexanone | 0.312 | 0.282 | 0.363 | 0.368 | 0.397 | 0.376 | 0.350 | 12.4 |
| Dibromochloromethane | 0.361 | 0.351 | 0.358 | 0.340 | 0.363 | 0.349 | 0.354 | 2.5 |
| 1,2-Dibromoethane | 0.353 | 0.358 | 0.354 | 0.329 | 0.354 | 0.341 | 0.348 | 3.2 |
| Tetrachloroethene | 0.355 | 0.331 | 0.312 | 0.294 | 0.313 | 0.293 | 0.316 | 7.5 |
| Chlorobenzene | 1.233 | 1.135 | 1.107 | 1.023 | 1.089 | 1.030 | 1.103 | 7 |
| Ethyl Benzene | 1.989 | 1.975 | 1.907 | 1.796 | 1.913 | 1.816 | 1.900 | 4.2 |
| m/p-Xylenes | 0.730 | 0.751 | 0.741 | 0.701 | 0.736 | 0.703 | 0.727 | 2.8 |
| o-Xylene | 0.714 | 0.699 | 0.702 | 0.674 | 0.711 | 0.678 | 0.696 | 2.4 |
| Styrene | 1.177 | 1.193 | 1.226 | 1.162 | 1.229 | 1.164 | 1.192 | 2.5 |
| Bromoform | 0.217 | 0.266 | 0.276 | 0.265 | 0.286 | 0.267 | 0.263 | 9.1 |
| Isopropylbenzene | 3.864 | 3.749 | 3.649 | 3.426 | 3.621 | 3.546 | 3.643 | 4.2 |
| 1,1,2,2-Tetrachloroethane | 1.292 | 1.299 | 1.273 | 1.178 | 1.205 | 1.157 | 1.234 | 5 |
| 1,3-Dichlorobenzene | 1.763 | 1.709 | 1.657 | 1.554 | 1.612 | 1.566 | 1.644 | 5 |
| 1,4-Dichlorobenzene | 1.820 | 1.786 | 1.657 | 1.572 | 1.642 | 1.576 | 1.676 | 6.3 |
| 1,2-Dichlorobenzene | 1.675 | 1.651 | 1.596 | 1.500 | 1.557 | 1.496 | 1.579 | 4.8 |
| 1,2-Dibromo-3-Chloropropane | 0.339 | 0.317 | 0.290 | 0.272 | 0.283 | 0.270 | 0.295 | 9.3 |
| 1,2,4-Trichlorobenzene | 1.042 | 1.037 | 0.991 | 0.969 | 1.016 | 0.994 | 1.008 | 2.8 |
| 1,2,3-Trichlorobenzene | 1.073 | 1.009 | 0.993 | 0.950 | 1.000 | 0.987 | 1.002 | 4 |
| 1,2-Dichloroethane-d4 | | 0.732 | 0.707 | 0.500 | 0.656 | 0.751 | 0.669 | 15.1 |
| Dibromofluoromethane | | 0.303 | 0.310 | 0.219 | 0.298 | 0.351 | 0.296 | 16.2 |
| Toluene-d8 | | 1.245 | 1.203 | 0.861 | 1.178 | 1.377 | 1.173 | 16.2 |
| 4-Bromofluorobenzene | | 0.441 | 0.446 | 0.325 | 0.446 | 0.521 | 0.436 | 16.2 |

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922



## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.499 | 0.502 | | 0.6 | 20 |
| Chloromethane | 0.644 | 0.552 | 0.1 | -14.29 | 20 |
| Vinyl Chloride | 0.664 | 0.653 | | -1.66 | 20 |
| Bromomethane | 0.372 | 0.358 | | -3.76 | 20 |
| Chloroethane | 0.429 | 0.421 | | -1.87 | 20 |
| Trichlorofluoromethane | 0.868 | 0.848 | | -2.3 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.545 | 0.530 | | -2.75 | 20 |
| 1,1-Dichloroethene | 0.557 | 0.548 | | -1.62 | 20 |
| Acetone | 0.355 | 0.348 | | -1.97 | 20 |
| Carbon Disulfide | 1.539 | 1.428 | | -7.21 | 20 |
| Methyl tert-butyl Ether | 2.015 | 1.999 | | -0.79 | 20 |
| Methyl Acetate | 1.035 | 0.941 | | -9.08 | 20 |
| Methylene Chloride | 0.665 | 0.617 | | -7.22 | 20 |
| trans-1,2-Dichloroethene | 0.619 | 0.587 | | -5.17 | 20 |
| 1,1-Dichloroethane | 1.120 | 1.079 | 0.1 | -3.66 | 20 |
| Cyclohexane | 1.086 | 0.907 | | -16.48 | 20 |
| 2-Butanone | 0.577 | 0.493 | | -14.56 | 20 |
| Carbon Tetrachloride | 0.433 | 0.429 | | -0.92 | 20 |
| cis-1,2-Dichloroethene | 0.740 | 0.721 | | -2.57 | 20 |
| Bromochloromethane | 0.550 | 0.473 | | -14 | 20 |
| Chloroform | 1.118 | 1.053 | | -5.81 | 20 |
| 1,1,1-Trichloroethane | 0.951 | 0.894 | | -5.99 | 20 |
| Methylcyclohexane | 0.605 | 0.523 | | -13.55 | 20 |
| Benzene | 1.444 | 1.400 | | -3.05 | 20 |
| 1,2-Dichloroethane | 0.438 | 0.426 | | -2.74 | 20 |
| Trichloroethene | 0.342 | 0.345 | | 0.88 | 20 |
| 1,2-Dichloropropane | 0.351 | 0.344 | | -1.99 | 20 |
| Bromodichloromethane | 0.480 | 0.479 | | -0.21 | 20 |
| 4-Methyl-2-Pentanone | 0.543 | 0.513 | | -5.53 | 20 |
| Toluene | 0.882 | 0.871 | | -1.25 | 20 |
| t-1,3-Dichloropropene | 0.537 | 0.556 | | 3.54 | 20 |
| cis-1,3-Dichloropropene | 0.574 | 0.592 | | 3.14 | 20 |
| 1,1,2-Trichloroethane | 0.340 | 0.338 | | -0.59 | 20 |
| 2-Hexanone | 0.350 | 0.339 | | -3.14 | 20 |
| Dibromochloromethane | 0.354 | 0.363 | | 2.54 | 20 |
| 1,2-Dibromoethane | 0.348 | 0.350 | | 0.57 | 20 |
| Tetrachloroethene | 0.316 | 0.308 | | -2.53 | 20 |
| Chlorobenzene | 1.103 | 1.117 | 0.3 | 1.27 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/10/2025 09:13

Lab File ID: VN086913.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.900 | 1.844 | | -2.95 | 20 |
| m/p-Xylenes | 0.727 | 0.727 | | 0 | 20 |
| o-Xylene | 0.696 | 0.714 | | 2.59 | 20 |
| Styrene | 1.192 | 1.232 | | 3.36 | 20 |
| Bromoform | 0.263 | 0.287 | 0.1 | 9.13 | 20 |
| Isopropylbenzene | 3.643 | 3.637 | | -0.19 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.234 | 1.268 | 0.3 | 2.76 | 20 |
| 1,3-Dichlorobenzene | 1.644 | 1.678 | | 2.07 | 20 |
| 1,4-Dichlorobenzene | 1.676 | 1.702 | | 1.55 | 20 |
| 1,2-Dichlorobenzene | 1.579 | 1.605 | | 1.65 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.295 | 0.277 | | -6.1 | 20 |
| 1,2,4-Trichlorobenzene | 1.008 | 0.918 | | -8.93 | 20 |
| 1,2,3-Trichlorobenzene | 1.002 | 0.859 | | -14.27 | 20 |
| 1,2-Dichloroethane-d4 | 0.669 | 0.613 | | -8.37 | 20 |
| Dibromofluoromethane | 0.296 | 0.301 | | 1.69 | 20 |
| Toluene-d8 | 1.173 | 1.153 | | -1.71 | 20 |
| 4-Bromofluorobenzene | 0.436 | 0.420 | | -3.67 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.499 | 0.538 | | 7.82 | 20 |
| Chloromethane | 0.644 | 0.555 | 0.1 | -13.82 | 20 |
| Vinyl Chloride | 0.664 | 0.701 | | 5.57 | 20 |
| Bromomethane | 0.372 | 0.312 | | -16.13 | 20 |
| Chloroethane | 0.429 | 0.457 | | 6.53 | 20 |
| Trichlorofluoromethane | 0.868 | 0.930 | | 7.14 | 20 |
| 1,1,2-Trichlorotrifluoroethane | 0.545 | 0.582 | | 6.79 | 20 |
| 1,1-Dichloroethene | 0.557 | 0.593 | | 6.46 | 20 |
| Acetone | 0.355 | 0.384 | | 8.17 | 20 |
| Carbon Disulfide | 1.539 | 1.505 | | -2.21 | 20 |
| Methyl tert-butyl Ether | 2.015 | 2.172 | | 7.79 | 20 |
| Methyl Acetate | 1.035 | 1.085 | | 4.83 | 20 |
| Methylene Chloride | 0.665 | 0.673 | | 1.2 | 20 |
| trans-1,2-Dichloroethene | 0.619 | 0.633 | | 2.26 | 20 |
| 1,1-Dichloroethane | 1.120 | 1.178 | 0.1 | 5.18 | 20 |
| Cyclohexane | 1.086 | 1.017 | | -6.35 | 20 |
| 2-Butanone | 0.577 | 0.568 | | -1.56 | 20 |
| Carbon Tetrachloride | 0.433 | 0.472 | | 9.01 | 20 |
| cis-1,2-Dichloroethene | 0.740 | 0.793 | | 7.16 | 20 |
| Bromochloromethane | 0.550 | 0.578 | | 5.09 | 20 |
| Chloroform | 1.118 | 1.176 | | 5.19 | 20 |
| 1,1,1-Trichloroethane | 0.951 | 0.976 | | 2.63 | 20 |
| Methylcyclohexane | 0.605 | 0.576 | | -4.79 | 20 |
| Benzene | 1.444 | 1.554 | | 7.55 | 20 |
| 1,2-Dichloroethane | 0.438 | 0.472 | | 7.76 | 20 |
| Trichloroethene | 0.342 | 0.382 | | 11.7 | 20 |
| 1,2-Dichloropropane | 0.351 | 0.384 | | 9.4 | 20 |
| Bromodichloromethane | 0.480 | 0.532 | | 10.83 | 20 |
| 4-Methyl-2-Pentanone | 0.543 | 0.590 | | 8.66 | 20 |
| Toluene | 0.882 | 0.978 | | 10.88 | 20 |
| t-1,3-Dichloropropene | 0.537 | 0.609 | | 13.41 | 20 |
| cis-1,3-Dichloropropene | 0.574 | 0.661 | | 15.16 | 20 |
| 1,1,2-Trichloroethane | 0.340 | 0.383 | | 12.65 | 20 |
| 2-Hexanone | 0.350 | 0.395 | | 12.86 | 20 |
| Dibromochloromethane | 0.354 | 0.414 | | 16.95 | 20 |
| 1,2-Dibromoethane | 0.348 | 0.385 | | 10.63 | 20 |
| Tetrachloroethene | 0.316 | 0.337 | | 6.65 | 20 |
| Chlorobenzene | 1.103 | 1.222 | 0.3 | 10.79 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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## VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND | RRF | RRF050 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Ethyl Benzene | 1.900 | 2.059 | | 8.37 | 20 |
| m/p-Xylenes | 0.727 | 0.802 | | 10.32 | 20 |
| o-Xylene | 0.696 | 0.782 | | 12.36 | 20 |
| Styrene | 1.192 | 1.358 | | 13.93 | 20 |
| Bromoform | 0.263 | 0.319 | 0.1 | 21.29 | 20 |
| Isopropylbenzene | 3.643 | 3.898 | | 7 | 20 |
| 1,1,2,2-Tetrachloroethane | 1.234 | 1.402 | 0.3 | 13.61 | 20 |
| 1,3-Dichlorobenzene | 1.644 | 1.843 | | 12.1 | 20 |
| 1,4-Dichlorobenzene | 1.676 | 1.887 | | 12.59 | 20 |
| 1,2-Dichlorobenzene | 1.579 | 1.761 | | 11.53 | 20 |
| 1,2-Dibromo-3-Chloropropane | 0.295 | 0.311 | | 5.42 | 20 |
| 1,2,4-Trichlorobenzene | 1.008 | 1.052 | | 4.36 | 20 |
| 1,2,3-Trichlorobenzene | 1.002 | 0.995 | | -0.7 | 20 |
| 1,2-Dichloroethane-d4 | 0.669 | 0.622 | | -7.03 | 20 |
| Dibromofluoromethane | 0.296 | 0.309 | | 4.39 | 20 |
| Toluene-d8 | 1.173 | 1.181 | | 0.68 | 20 |
| 4-Bromofluorobenzene | 0.436 | 0.440 | | 0.92 | 20 |

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2202 | **OrderDate:** | 6/4/2025 11:59:00 AM |
| **Client:** | PARSONS Engineering of New York, Inc. | **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 |
| **Contact:** | Stephen Liberatore | **Location:** | N31,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2202-03** | **MW-12-20250603** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | SVOCMS Group1 | 8270E | | 06/06/25 | 06/06/25 | |
| **Q2202-03DL** | **MW-12-20250603DL** | **Water** | | | **06/03/25** | | | **06/03/25** |
| | | | SVOCMS Group1 | 8270E | | 06/06/25 | 06/10/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **MW-12-20250603** | | | | | | | | |
| Q2202-03 | MW-12-20250603 | WATER | Naphthalene | | 350.000 | E | 0.51 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | 2-Methylnaphthalene | | 110.000 | E | 0.57 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | 1,1-Biphenyl | | 33.500 | | 0.54 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Acenaphthylene | | 3.600 | J | 0.77 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | 2,6-Dinitrotoluene | | 5.200 | | 0.94 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Acenaphthene | | 58.100 | | 0.56 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Dibenzofuran | | 2.900 | J | 0.62 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Fluorene | | 26.300 | | 0.64 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Phenanthrene | | 37.800 | | 0.51 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Anthracene | | 7.800 | | 0.62 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Carbazole | | 2.200 | J | 0.73 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Fluoranthene | | 2.100 | J | 0.84 | 5.1 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Pyrene | | 3.100 | J | 0.51 | 5.1 | ug/L |
| | | | **Total Svoc :** | | **642.60** | | | | |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, (1-methylethyl)- | * | 45.800 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1,2,3-trimethyl- | * | 100.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1,3-diethyl- | * | 50.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1,3-dimethyl- | * | 130.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1,4-diethyl- | * | 46.400 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1-ethenyl-2-methyl- | * | 220.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1-ethyl-2,3-dimethyl- | * | 35.500 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1-ethyl-3-methyl- | * | 160.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1-ethyl-4-methyl- | * | 77.200 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 1-methyl-4-propyl- | * | 10.500 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Benzene, 2-propenyl- | * | 11.800 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Cyclopentene, 1-ethenyl-3-methyl | * | 9.000 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Cycloprop[a]indene, 1,1a,6,6a-tetı | * | 9.300 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Naphthalene, 1,5-dimethyl- | * | 24.200 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Naphthalene, 1-ethyl- | * | 14.200 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Naphthalene, 2,3-dimethyl- | * | 23.600 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Phenanthrene, 2-methyl- | * | 9.300 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | Phenethylamine, N-benzyl-p-chlo | * | 50.800 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | unknown7.928 | * | 9.500 | J | 0 | 0 | ug/L |
| Q2202-03 | MW-12-20250603 | WATER | 1-Methylnaphthalene | * | 260.000 | J | 0.67 | 5.1 | ug/L |
| | | | **Total Tics :** | | **1,297.10** | | | | |
| | | | **Total Concentration:** | | **1,939.70** | | | | |

**Client ID : MW-12-20250603DL**

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# Hit Summary Sheet
## SW-846

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| Q2202-03DL | MW-12-20250603DL | WATER | Naphthalene | 770.000 | D | 5.1 | 51 | ug/L |
| Q2202-03DL | MW-12-20250603DL | WATER | 2-Methylnaphthalene | 160.000 | D | 5.7 | 51 | ug/L |
| Q2202-03DL | MW-12-20250603DL | WATER | 1,1-Biphenyl | 42.600 | JD | 5.4 | 51 | ug/L |
| Q2202-03DL | MW-12-20250603DL | WATER | Acenaphthene | 87.300 | D | 5.6 | 51 | ug/L |
| Q2202-03DL | MW-12-20250603DL | WATER | Fluorene | 31.900 | JD | 6.4 | 51 | ug/L |
| Q2202-03DL | MW-12-20250603DL | WATER | Phenanthrene | 50.900 | JD | 5.1 | 51 | ug/L |
| | | | **Total Svoc :** | **1,142.70** | | | | |
| | | | **Total Concentration:** | **1,142.70** | | | | |

# SAMPLE DATA

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF142660.D | 1 | 06/06/25 08:35 | 06/06/25 22:01 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 4.00 | U | 4.00 | 10.2 | ug/L |
| 108-95-2 | Phenol | 0.93 | U | 0.93 | 5.10 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 0.83 | U | 0.83 | 5.10 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.59 | U | 0.59 | 5.10 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.10 | U | 1.10 | 5.10 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.30 | U | 1.30 | 5.10 | ug/L |
| 98-86-2 | Acetophenone | 0.76 | U | 0.76 | 5.10 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 1.10 | U | 1.10 | 10.2 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1.40 | U | 1.40 | 2.60 | ug/L |
| 67-72-1 | Hexachloroethane | 0.66 | U | 0.66 | 5.10 | ug/L |
| 98-95-3 | Nitrobenzene | 0.78 | U | 0.78 | 5.10 | ug/L |
| 78-59-1 | Isophorone | 0.77 | U | 0.77 | 5.10 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.80 | U | 1.80 | 5.10 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.90 | U | 1.90 | 5.10 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 0.69 | U | 0.69 | 5.10 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.53 | U | 0.53 | 5.10 | ug/L |
| 91-20-3 | Naphthalene | 350 | E | 0.51 | 5.10 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.86 | U | 0.86 | 5.10 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.55 | U | 0.55 | 5.10 | ug/L |
| 105-60-2 | Caprolactam | 1.20 | U | 1.20 | 10.2 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.60 | U | 0.60 | 5.10 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 110 | E | 0.57 | 5.10 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.70 | U | 3.70 | 10.2 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.52 | U | 0.52 | 5.10 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.63 | U | 0.63 | 5.10 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 33.5 | | 0.54 | 5.10 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 0.62 | U | 0.62 | 5.10 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.30 | U | 1.30 | 5.10 | ug/L |
| 131-11-3 | Dimethylphthalate | 0.62 | U | 0.62 | 5.10 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF142660.D | 1 | 06/06/25 08:35 | 06/06/25 22:01 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 3.60 | J | 0.77 | 5.10 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 5.20 | | 0.94 | 5.10 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.10 | U | 1.10 | 5.10 | ug/L |
| 83-32-9 | Acenaphthene | 58.1 | | 0.56 | 5.10 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 6.10 | U | 6.10 | 10.2 | ug/L |
| 100-02-7 | 4-Nitrophenol | 2.40 | U | 2.40 | 10.2 | ug/L |
| 132-64-9 | Dibenzofuran | 2.90 | J | 0.62 | 5.10 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.20 | U | 1.20 | 5.10 | ug/L |
| 84-66-2 | Diethylphthalate | 0.70 | U | 0.70 | 5.10 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.69 | U | 0.69 | 5.10 | ug/L |
| 86-73-7 | Fluorene | 26.3 | | 0.64 | 5.10 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.50 | U | 1.50 | 5.10 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.90 | U | 2.90 | 10.2 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 0.59 | U | 0.59 | 5.10 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.41 | U | 0.41 | 5.10 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.53 | U | 0.53 | 5.10 | ug/L |
| 1912-24-9 | Atrazine | 1.00 | U | 1.00 | 5.10 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.60 | U | 1.60 | 10.2 | ug/L |
| 85-01-8 | Phenanthrene | 37.8 | | 0.51 | 5.10 | ug/L |
| 120-12-7 | Anthracene | 7.80 | | 0.62 | 5.10 | ug/L |
| 86-74-8 | Carbazole | 2.20 | J | 0.73 | 5.10 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.20 | U | 1.20 | 5.10 | ug/L |
| 206-44-0 | Fluoranthene | 2.10 | J | 0.84 | 5.10 | ug/L |
| 129-00-0 | Pyrene | 3.10 | J | 0.51 | 5.10 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 2.00 | U | 2.00 | 5.10 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 0.95 | U | 0.95 | 10.2 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.46 | U | 0.46 | 5.10 | ug/L |
| 218-01-9 | Chrysene | 0.45 | U | 0.45 | 5.10 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.60 | U | 1.60 | 5.10 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 2.40 | U | 2.40 | 10.2 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 0.50 | U | 0.50 | 5.10 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF142660.D | 1 | 06/06/25 08:35 | 06/06/25 22:01 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 0.49 | U | 0.49 | 5.10 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 0.56 | U | 0.56 | 5.10 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.60 | U | 0.60 | 5.10 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.68 | U | 0.68 | 5.10 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 0.70 | U | 0.70 | 5.10 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.53 | U | 0.53 | 5.10 | ug/L |
| 123-91-1 | 1,4-Dioxane | 1.00 | U | 1.00 | 5.10 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.73 | U | 0.73 | 5.10 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 71.9 | | 23 - 138 | 48% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 49.9 | | 10 - 134 | 33% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 75.4 | | 67 - 132 | 75% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 70.3 | | 52 - 132 | 70% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 121 | | 44 - 137 | 80% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 64.6 | | 42 - 152 | 65% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 127000 | 6.892 | | | |
| 1146-65-2 | Naphthalene-d8 | 429000 | 8.186 | | | |
| 15067-26-2 | Acenaphthene-d10 | 251000 | 9.933 | | | |
| 1517-22-2 | Phenanthrene-d10 | 375000 | 11.422 | | | |
| 1719-03-5 | Chrysene-d12 | 233000 | 14.063 | | | |
| 1520-96-3 | Perylene-d12 | 275000 | 15.557 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000108-38-3 | Benzene, 1,3-dimethyl- | 130 | J | | 5.39 | ug/L |
| 061142-07-2 | Cyclopentene, 1-ethenyl-3-methylen | 9.00 | J | | 5.75 | ug/L |
| 000098-82-8 | Benzene, (1-methylethyl)- | 45.8 | J | | 6.07 | ug/L |
| 013622-43-0 | Phenethylamine, N-benzyl-p-chloro- | 50.8 | J | | 6.36 | ug/L |
| 000622-96-8 | Benzene, 1-ethyl-4-methyl- | 77.2 | J | | 6.58 | ug/L |
| 000620-14-4 | Benzene, 1-ethyl-3-methyl- | 160 | J | | 6.72 | ug/L |
| 000526-73-8 | Benzene, 1,2,3-trimethyl- | 100 | J | | 6.95 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BF142660.D | 1 | 06/06/25 08:35 | 06/06/25 22:01 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 000300-57-2 | Benzene, 2-propenyl- | 11.8 | J | | 6.99 | ug/L |
| 000611-15-4 | Benzene, 1-ethenyl-2-methyl- | 220 | J | | 7.08 | ug/L |
| 000141-93-5 | Benzene, 1,3-diethyl- | 50.0 | J | | 7.14 | ug/L |
| 000105-05-5 | Benzene, 1,4-diethyl- | 46.4 | J | | 7.21 | ug/L |
| 001074-55-1 | Benzene, 1-methyl-4-propyl- | 10.5 | J | | 7.29 | ug/L |
| 000933-98-2 | Benzene, 1-ethyl-2,3-dimethyl- | 35.5 | J | | 7.36 | ug/L |
| | unknown7.928 | 9.50 | J | | 7.93 | ug/L |
| 015677-15-3 | Cycloprop[a]indene, 1,1a,6,6a-tetr | 9.30 | J | | 7.97 | ug/L |
| 90-12-0 | 1-Methylnaphthalene | 260 | J | | 9.01 | ug/L |
| 001127-76-0 | Naphthalene, 1-ethyl- | 14.2 | J | | 9.46 | ug/L |
| 000571-61-9 | Naphthalene, 1,5-dimethyl- | 24.2 | J | | 9.52 | ug/L |
| 000581-40-8 | Naphthalene, 2,3-dimethyl- | 23.6 | J | | 9.71 | ug/L |
| 002531-84-2 | Phenanthrene, 2-methyl- | 9.30 | J | | 11.9 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BM050274.D | 10 | 06/06/25 08:35 | 06/10/25 12:38 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 39.9 | UD | 39.9 | 100 | ug/L |
| 108-95-2 | Phenol | 9.30 | UD | 9.30 | 51.0 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 8.30 | UD | 8.30 | 51.0 | ug/L |
| 95-57-8 | 2-Chlorophenol | 5.90 | UD | 5.90 | 51.0 | ug/L |
| 95-48-7 | 2-Methylphenol | 11.4 | UD | 11.4 | 51.0 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 13.1 | UD | 13.1 | 51.0 | ug/L |
| 98-86-2 | Acetophenone | 7.60 | UD | 7.60 | 51.0 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 11.2 | UD | 11.2 | 100 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 14.4 | UD | 14.4 | 25.5 | ug/L |
| 67-72-1 | Hexachloroethane | 6.60 | UD | 6.60 | 51.0 | ug/L |
| 98-95-3 | Nitrobenzene | 7.80 | UD | 7.80 | 51.0 | ug/L |
| 78-59-1 | Isophorone | 7.70 | UD | 7.70 | 51.0 | ug/L |
| 88-75-5 | 2-Nitrophenol | 18.0 | UD | 18.0 | 51.0 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 18.9 | UD | 18.9 | 51.0 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 6.90 | UD | 6.90 | 51.0 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 5.30 | UD | 5.30 | 51.0 | ug/L |
| 91-20-3 | Naphthalene | 770 | D | 5.10 | 51.0 | ug/L |
| 106-47-8 | 4-Chloroaniline | 8.60 | UD | 8.60 | 51.0 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 5.50 | UD | 5.50 | 51.0 | ug/L |
| 105-60-2 | Caprolactam | 11.5 | UD | 11.5 | 100 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 6.00 | UD | 6.00 | 51.0 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 160 | D | 5.70 | 51.0 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 37.0 | UD | 37.0 | 100 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 5.20 | UD | 5.20 | 51.0 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 6.30 | UD | 6.30 | 51.0 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 42.6 | JD | 5.40 | 51.0 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 6.20 | UD | 6.20 | 51.0 | ug/L |
| 88-74-4 | 2-Nitroaniline | 12.9 | UD | 12.9 | 51.0 | ug/L |
| 131-11-3 | Dimethylphthalate | 6.20 | UD | 6.20 | 51.0 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BM050274.D | 10 | 06/06/25 08:35 | 06/10/25 12:38 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 7.70 | UD | 7.70 | 51.0 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 9.40 | UD | 9.40 | 51.0 | ug/L |
| 99-09-2 | 3-Nitroaniline | 10.7 | UD | 10.7 | 51.0 | ug/L |
| 83-32-9 | Acenaphthene | 87.3 | D | 5.60 | 51.0 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 60.9 | UD | 60.9 | 100 | ug/L |
| 100-02-7 | 4-Nitrophenol | 24.3 | UD | 24.3 | 100 | ug/L |
| 132-64-9 | Dibenzofuran | 6.20 | UD | 6.20 | 51.0 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 12.4 | UD | 12.4 | 51.0 | ug/L |
| 84-66-2 | Diethylphthalate | 7.00 | UD | 7.00 | 51.0 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 6.90 | UD | 6.90 | 51.0 | ug/L |
| 86-73-7 | Fluorene | 31.9 | JD | 6.40 | 51.0 | ug/L |
| 100-01-6 | 4-Nitroaniline | 15.3 | UD | 15.3 | 51.0 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 29.4 | UD | 29.4 | 100 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 5.90 | UD | 5.90 | 51.0 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 4.10 | UD | 4.10 | 51.0 | ug/L |
| 118-74-1 | Hexachlorobenzene | 5.30 | UD | 5.30 | 51.0 | ug/L |
| 1912-24-9 | Atrazine | 10.3 | UD | 10.3 | 51.0 | ug/L |
| 87-86-5 | Pentachlorophenol | 16.1 | UD | 16.1 | 100 | ug/L |
| 85-01-8 | Phenanthrene | 50.9 | JD | 5.10 | 51.0 | ug/L |
| 120-12-7 | Anthracene | 6.20 | UD | 6.20 | 51.0 | ug/L |
| 86-74-8 | Carbazole | 7.30 | UD | 7.30 | 51.0 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 12.4 | UD | 12.4 | 51.0 | ug/L |
| 206-44-0 | Fluoranthene | 8.40 | UD | 8.40 | 51.0 | ug/L |
| 129-00-0 | Pyrene | 5.10 | UD | 5.10 | 51.0 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 19.7 | UD | 19.7 | 51.0 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 9.50 | UD | 9.50 | 100 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 4.60 | UD | 4.60 | 51.0 | ug/L |
| 218-01-9 | Chrysene | 4.50 | UD | 4.50 | 51.0 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 16.3 | UD | 16.3 | 51.0 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 23.9 | UD | 23.9 | 100 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 5.00 | UD | 5.00 | 51.0 | ug/L |

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-12-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-03DL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 980 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BM050274.D | 10 | 06/06/25 08:35 | 06/10/25 12:38 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 4.90 | UD | 4.90 | 51.0 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 5.60 | UD | 5.60 | 51.0 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 6.00 | UD | 6.00 | 51.0 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 6.80 | UD | 6.80 | 51.0 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 7.00 | UD | 7.00 | 51.0 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 5.30 | UD | 5.30 | 51.0 | ug/L |
| 123-91-1 | 1,4-Dioxane | 10.2 | UD | 10.2 | 51.0 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 7.30 | UD | 7.30 | 51.0 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 101 | | 23 - 138 | 67% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 56.9 | | 10 - 134 | 38% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 93.2 | | 67 - 132 | 93% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 98.7 | | 52 - 132 | 99% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 149 | | 44 - 137 | 99% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 106 | | 42 - 152 | 106% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 335000 | 7.763 | | | |
| 1146-65-2 | Naphthalene-d8 | 1360000 | 10.551 | | | |
| 15067-26-2 | Acenaphthene-d10 | 771000 | 14.392 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1510000 | 17.133 | | | |
| 1719-03-5 | Chrysene-d12 | 1640000 | 21.362 | | | |
| 1520-96-3 | Perylene-d12 | 1720000 | 24.339 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# Surrogate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| PB168323BL | PB168323BL | 2-Fluorophenol | 150 | 146 | 97 | | 23 | 138 |
| | | Phenol-d6 | 150 | 137 | 92 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 85.2 | 85 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 84.3 | 84 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 143 | 95 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 90.1 | 90 | | 42 | 152 |
| PB168323BS | PB168323BS | 2-Fluorophenol | 150 | 143 | 95 | | 23 | 138 |
| | | Phenol-d6 | 150 | 136 | 91 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 79.4 | 79 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 77.9 | 78 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 131 | 88 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 79.2 | 79 | | 42 | 152 |
| Q2202-03 | MW-12-20250603 | 2-Fluorophenol | 150 | 71.9 | 48 | | 23 | 138 |
| | | Phenol-d6 | 150 | 49.9 | 33 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 75.4 | 75 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 70.3 | 70 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 121 | 80 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 64.6 | 65 | | 42 | 152 |
| Q2202-03DL | MW-12-20250603DL | 2-Fluorophenol | 150 | 101 | 67 | | 23 | 138 |
| | | Phenol-d6 | 150 | 56.9 | 38 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 93.2 | 93 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 98.7 | 99 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 149 | 99 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 106 | 106 | | 42 | 152 |
| Q2230-03MS | GW-MW01-060425MS | 2-Fluorophenol | 150 | 79.2 | 53 | | 23 | 138 |
| | | Phenol-d6 | 150 | 50.7 | 34 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 90.5 | 91 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 85.6 | 86 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 162 | 108 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 80.4 | 80 | | 42 | 152 |
| Q2230-04MSD | GW-MW01-060425MSD | 2-Fluorophenol | 150 | 74.2 | 49 | | 23 | 138 |
| | | Phenol-d6 | 150 | 46.3 | 31 | | 10 | 134 |
| | | Nitrobenzene-d5 | 100 | 88.0 | 88 | | 67 | 132 |
| | | 2-Fluorobiphenyl | 100 | 85.9 | 86 | | 52 | 132 |
| | | 2,4,6-Tribromophenol | 150 | 159 | 106 | | 44 | 137 |
| | | Terphenyl-d14 | 100 | 89.3 | 89 | | 42 | 152 |

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## Matrix Spike/Matrix Spike Duplicate Summary

### SW-846

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2230-03MS** | | **Client Sample ID: GW-MW01-060425MS** | | | | | | **DataFile: BP024879.D** | | | |
| Benzaldehyde | 52.1 | 0 | 39.6 | ug/L | 76 | | | | 10 | 137 | |
| Phenol | 52.1 | 0 | 19.1 | ug/L | 37 | | | | 10 | 130 | |
| bis(2-Chloroethyl)ether | 52.1 | 0 | 51.3 | ug/L | 98 | | | | 29 | 141 | |
| 2-Chlorophenol | 52.1 | 0 | 45.5 | ug/L | 87 | | | | 23 | 127 | |
| 2-Methylphenol | 52.1 | 0 | 38.6 | ug/L | 74 | | | | 60 | 131 | |
| 2,2-oxybis(1-Chloropropane) | 52.1 | 0 | 44.9 | ug/L | 86 | | | | 36 | 141 | |
| Acetophenone | 52.1 | 0 | 55.9 | ug/L | 107 | | | | 31 | 164 | |
| 3+4-Methylphenols | 52.1 | 4.40 | 41.2 | ug/L | 71 | | | | 54 | 136 | |
| N-Nitroso-di-n-propylamine | 52.1 | 0 | 50.4 | ug/L | 97 | | | | 36 | 147 | |
| Hexachloroethane | 52.1 | 0 | 24.9 | ug/L | 48 | | | | 19 | 146 | |
| Nitrobenzene | 52.1 | 0 | 54.9 | ug/L | 105 | | | | 62 | 112 | |
| Isophorone | 52.1 | 0 | 51.6 | ug/L | 99 | | | | 39 | 146 | |
| 2-Nitrophenol | 52.1 | 0 | 52.7 | ug/L | 101 | | | | 30 | 148 | |
| 2,4-Dimethylphenol | 52.1 | 0 | 48.2 | ug/L | 93 | | | | 17 | 143 | |
| bis(2-Chloroethoxy)methane | 52.1 | 0 | 52.2 | ug/L | 100 | | | | 39 | 143 | |
| 2,4-Dichlorophenol | 52.1 | 0 | 53.0 | ug/L | 102 | | | | 22 | 146 | |
| Naphthalene | 52.1 | 2.20 | 42.7 | ug/L | 78 | | | | 17 | 157 | |
| 4-Chloroaniline | 52.1 | 0 | 31.4 | ug/L | 60 | | | | 10 | 95 | |
| Hexachlorobutadiene | 52.1 | 0 | 28.9 | ug/L | 55 | | | | 52 | 125 | |
| Caprolactam | 52.1 | 0 | 11.7 | ug/L | 22 | | | | 10 | 130 | |
| 4-Chloro-3-methylphenol | 52.1 | 0 | 50.6 | ug/L | 97 | | | | 17 | 148 | |
| 2-Methylnaphthalene | 52.1 | 0 | 48.7 | ug/L | 93 | | | | 38 | 146 | |
| Hexachlorocyclopentadiene | 100 | 0 | 62.8 | ug/L | 63 | | | | 20 | 153 | |
| 2,4,6-Trichlorophenol | 52.1 | 0 | 55.7 | ug/L | 107 | | | | 78 | 112 | |
| 2,4,5-Trichlorophenol | 52.1 | 0 | 57.9 | ug/L | 111 | | | | 71 | 111 | |
| 1,1-Biphenyl | 52.1 | 0 | 50.2 | ug/L | 96 | | | | 38 | 154 | |
| 2-Chloronaphthalene | 52.1 | 0 | 48.7 | ug/L | 93 | | | | 41 | 145 | |
| 2-Nitroaniline | 52.1 | 0 | 51.3 | ug/L | 98 | | | | 39 | 151 | |
| Dimethylphthalate | 52.1 | 0 | 54.0 | ug/L | 104 | | | | 42 | 147 | |
| Acenaphthylene | 52.1 | 0 | 50.7 | ug/L | 97 | | | | 40 | 141 | |
| 2,6-Dinitrotoluene | 52.1 | 0 | 56.1 | ug/L | 108 | | | | 43 | 148 | |
| 3-Nitroaniline | 52.1 | 0 | 33.9 | ug/L | 65 | | | | 10 | 111 | |
| Acenaphthene | 52.1 | 0 | 52.1 | ug/L | 100 | | | | 37 | 146 | |
| 2,4-Dinitrophenol | 100 | 0 | 100 | ug/L | 100 | | | | 14 | 167 | |
| 4-Nitrophenol | 100 | 0 | 48.3 | ug/L | 48 | | | | 10 | 130 | |
| Dibenzofuran | 52.1 | 0 | 52.6 | ug/L | 101 | | | | 41 | 145 | |
| 2,4-Dinitrotoluene | 52.1 | 0 | 60.2 | ug/L | 116 | | | | 74 | 137 | |
| Diethylphthalate | 52.1 | 0 | 56.7 | ug/L | 109 | | | | 41 | 148 | |
| 4-Chlorophenyl-phenylether | 52.1 | 0 | 53.6 | ug/L | 103 | | | | 38 | 149 | |
| Fluorene | 52.1 | 0 | 53.8 | ug/L | 103 | | | | 39 | 144 | |
| 4-Nitroaniline | 52.1 | 0 | 47.0 | ug/L | 90 | | | | 27 | 138 | |
| 4,6-Dinitro-2-methylphenol | 52.1 | 0 | 53.6 | ug/L | 103 | | | | 32 | 175 | |
| N-Nitrosodiphenylamine | 52.1 | 0 | 52.4 | ug/L | 101 | | | | 40 | 150 | |
| 4-Bromophenyl-phenylether | 52.1 | 0 | 53.0 | ug/L | 102 | | | | 42 | 151 | |
| Hexachlorobenzene | 52.1 | 0 | 53.4 | ug/L | 102 | | | | 72 | 115 | |
| Atrazine | 52.1 | 0 | 57.8 | ug/L | 111 | | | | 20 | 162 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pentachlorophenol | 100 | 0 | 140 | ug/L | 140 | | | | 52 | 162 | |
| Phenanthrene | 52.1 | 0 | 53.7 | ug/L | 103 | | | | 40 | 147 | |
| Anthracene | 52.1 | 0 | 53.8 | ug/L | 103 | | | | 41 | 146 | |
| Carbazole | 52.1 | 0 | 57.9 | ug/L | 111 | | | | 37 | 154 | |
| Di-n-butylphthalate | 52.1 | 0 | 58.4 | ug/L | 112 | | | | 40 | 151 | |
| Fluoranthene | 52.1 | 0 | 57.7 | ug/L | 111 | | | | 42 | 146 | |
| Pyrene | 52.1 | 0 | 51.4 | ug/L | 99 | | | | 41 | 149 | |
| Butylbenzylphthalate | 52.1 | 0 | 56.8 | ug/L | 109 | | | | 39 | 155 | |
| 3,3-Dichlorobenzidine | 52.1 | 0 | 19.1 | ug/L | 37 | | | | 10 | 114 | |
| Benzo(a)anthracene | 52.1 | 0 | 54.6 | ug/L | 105 | | | | 41 | 147 | |
| Chrysene | 52.1 | 0 | 53.4 | ug/L | 102 | | | | 44 | 144 | |
| bis(2-Ethylhexyl)phthalate | 52.1 | 0 | 57.3 | ug/L | 110 | | | | 33 | 160 | |
| Di-n-octyl phthalate | 52.1 | 0 | 58.4 | ug/L | 112 | | | | 36 | 158 | |
| Benzo(b)fluoranthene | 52.1 | 0 | 56.2 | ug/L | 108 | | | | 40 | 150 | |
| Benzo(k)fluoranthene | 52.1 | 0 | 53.1 | ug/L | 102 | | | | 40 | 147 | |
| Benzo(a)pyrene | 52.1 | 0 | 54.1 | ug/L | 104 | | | | 42 | 147 | |
| Indeno(1,2,3-cd)pyrene | 52.1 | 0 | 56.3 | ug/L | 108 | | | | 30 | 166 | |
| Dibenz(a,h)anthracene | 52.1 | 0 | 57.5 | ug/L | 110 | | | | 23 | 172 | |
| Benzo(g,h,i)perylene | 52.1 | 0 | 56.4 | ug/L | 108 | | | | 27 | 167 | |
| 1,2,4,5-Tetrachlorobenzene | 52.1 | 0 | 46.6 | ug/L | 89 | | | | 89 | 102 | |
| 1,4-Dioxane | 52.1 | 0 | 18.1 | ug/L | 35 | * | | | 38 | 130 | |
| 2,3,4,6-Tetrachlorophenol | 52.1 | 0 | 57.7 | ug/L | 111 | | | | 91 | 111 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

### SW-846

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2230-04MSD** | | **Client Sample ID: GW-MW01-060425MSD** | | | | | | **DataFile: BP024880.D** | | | |
| Benzaldehyde | 53.2 | 0 | 38.8 | ug/L | 73 | | 4 | | 10 | 137 | 20 |
| Phenol | 53.2 | 0 | 18.1 | ug/L | 34 | | 8 | | 10 | 130 | 20 |
| bis(2-Chloroethyl)ether | 53.2 | 0 | 50.2 | ug/L | 94 | | 4 | | 29 | 141 | 20 |
| 2-Chlorophenol | 53.2 | 0 | 43.6 | ug/L | 82 | | 6 | | 23 | 127 | 20 |
| 2-Methylphenol | 53.2 | 0 | 37.0 | ug/L | 70 | | 6 | | 60 | 131 | 20 |
| 2,2-oxybis(1-Chloropropane) | 53.2 | 0 | 44.5 | ug/L | 84 | | 2 | | 36 | 141 | 20 |
| Acetophenone | 53.2 | 0 | 55.5 | ug/L | 104 | | 3 | | 31 | 164 | 20 |
| 3+4-Methylphenols | 53.2 | 4.40 | 38.5 | ug/L | 64 | | 10 | | 54 | 136 | 20 |
| N-Nitroso-di-n-propylamine | 53.2 | 0 | 48.1 | ug/L | 90 | | 7 | | 36 | 147 | 20 |
| Hexachloroethane | 53.2 | 0 | 24.9 | ug/L | 47 | | 2 | | 19 | 146 | 20 |
| Nitrobenzene | 53.2 | 0 | 54.8 | ug/L | 103 | | 2 | | 62 | 112 | 20 |
| Isophorone | 53.2 | 0 | 51.1 | ug/L | 96 | | 3 | | 39 | 146 | 20 |
| 2-Nitrophenol | 53.2 | 0 | 52.9 | ug/L | 99 | | 2 | | 30 | 148 | 20 |
| 2,4-Dimethylphenol | 53.2 | 0 | 46.9 | ug/L | 88 | | 6 | | 17 | 143 | 20 |
| bis(2-Chloroethoxy)methane | 53.2 | 0 | 52.7 | ug/L | 99 | | 1 | | 39 | 143 | 20 |
| 2,4-Dichlorophenol | 53.2 | 0 | 51.8 | ug/L | 97 | | 5 | | 22 | 146 | 20 |
| Naphthalene | 53.2 | 2.20 | 42.1 | ug/L | 75 | | 4 | | 17 | 157 | 20 |
| 4-Chloroaniline | 53.2 | 0 | 28.9 | ug/L | 54 | | 11 | | 10 | 95 | 20 |
| Hexachlorobutadiene | 53.2 | 0 | 30.1 | ug/L | 57 | | 4 | | 52 | 125 | 20 |
| Caprolactam | 53.2 | 0 | 10.8 | ug/L | 20 | | 10 | | 10 | 130 | 20 |
| 4-Chloro-3-methylphenol | 53.2 | 0 | 48.9 | ug/L | 92 | | 5 | | 17 | 148 | 20 |
| 2-Methylnaphthalene | 53.2 | 0 | 48.6 | ug/L | 91 | | 2 | | 38 | 146 | 20 |
| Hexachlorocyclopentadiene | 110 | 0 | 70.7 | ug/L | 64 | | 2 | | 20 | 153 | 20 |
| 2,4,6-Trichlorophenol | 53.2 | 0 | 56.6 | ug/L | 106 | | 1 | | 78 | 112 | 20 |
| 2,4,5-Trichlorophenol | 53.2 | 0 | 57.7 | ug/L | 108 | | 3 | | 71 | 111 | 20 |
| 1,1-Biphenyl | 53.2 | 0 | 52.0 | ug/L | 98 | | 2 | | 38 | 154 | 20 |
| 2-Chloronaphthalene | 53.2 | 0 | 50.5 | ug/L | 95 | | 2 | | 41 | 145 | 20 |
| 2-Nitroaniline | 53.2 | 0 | 49.4 | ug/L | 93 | | 5 | | 39 | 151 | 20 |
| Dimethylphthalate | 53.2 | 0 | 53.9 | ug/L | 101 | | 3 | | 42 | 147 | 20 |
| Acenaphthylene | 53.2 | 0 | 51.1 | ug/L | 96 | | 1 | | 40 | 141 | 20 |
| 2,6-Dinitrotoluene | 53.2 | 0 | 55.7 | ug/L | 105 | | 3 | | 43 | 148 | 20 |
| 3-Nitroaniline | 53.2 | 0 | 32.5 | ug/L | 61 | | 6 | | 10 | 111 | 20 |
| Acenaphthene | 53.2 | 0 | 52.7 | ug/L | 99 | | 1 | | 37 | 146 | 20 |
| 2,4-Dinitrophenol | 110 | 0 | 110 | ug/L | 100 | | 0 | | 14 | 167 | 20 |
| 4-Nitrophenol | 110 | 0 | 45.5 | ug/L | 41 | | 16 | | 10 | 130 | 20 |
| Dibenzofuran | 53.2 | 0 | 52.6 | ug/L | 99 | | 2 | | 41 | 145 | 20 |
| 2,4-Dinitrotoluene | 53.2 | 0 | 57.4 | ug/L | 108 | | 7 | | 74 | 137 | 20 |
| Diethylphthalate | 53.2 | 0 | 56.7 | ug/L | 107 | | 2 | | 41 | 148 | 20 |
| 4-Chlorophenyl-phenylether | 53.2 | 0 | 54.1 | ug/L | 102 | | 1 | | 38 | 149 | 20 |
| Fluorene | 53.2 | 0 | 53.9 | ug/L | 101 | | 2 | | 39 | 144 | 20 |
| 4-Nitroaniline | 53.2 | 0 | 44.3 | ug/L | 83 | | 8 | | 27 | 138 | 20 |
| 4,6-Dinitro-2-methylphenol | 53.2 | 0 | 56.0 | ug/L | 105 | | 2 | | 32 | 175 | 20 |
| N-Nitrosodiphenylamine | 53.2 | 0 | 53.2 | ug/L | 100 | | 1 | | 40 | 150 | 20 |
| 4-Bromophenyl-phenylether | 53.2 | 0 | 56.8 | ug/L | 107 | | 5 | | 42 | 151 | 20 |
| Hexachlorobenzene | 53.2 | 0 | 55.5 | ug/L | 104 | | 2 | | 72 | 115 | 20 |
| Atrazine | 53.2 | 0 | 57.4 | ug/L | 108 | | 3 | | 20 | 162 | 20 |

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## Matrix Spike/Matrix Spike Duplicate Summary

### SW-846

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pentachlorophenol | 110 | 0 | 140 | ug/L | 127 | | 10 | | 52 | 162 | 20 |
| Phenanthrene | 53.2 | 0 | 53.6 | ug/L | 101 | | 2 | | 40 | 147 | 20 |
| Anthracene | 53.2 | 0 | 53.0 | ug/L | 100 | | 3 | | 41 | 146 | 20 |
| Carbazole | 53.2 | 0 | 54.8 | ug/L | 103 | | 7 | | 37 | 154 | 20 |
| Di-n-butylphthalate | 53.2 | 0 | 59.9 | ug/L | 113 | | 1 | | 40 | 151 | 20 |
| Fluoranthene | 53.2 | 0 | 54.9 | ug/L | 103 | | 7 | | 42 | 146 | 20 |
| Pyrene | 53.2 | 0 | 56.8 | ug/L | 107 | | 8 | | 41 | 149 | 20 |
| Butylbenzylphthalate | 53.2 | 0 | 63.2 | ug/L | 119 | | 9 | | 39 | 155 | 20 |
| 3,3-Dichlorobenzidine | 53.2 | 0 | 18.2 | ug/L | 34 | | 8 | | 10 | 114 | 20 |
| Benzo(a)anthracene | 53.2 | 0 | 55.1 | ug/L | 104 | | 1 | | 41 | 147 | 20 |
| Chrysene | 53.2 | 0 | 54.7 | ug/L | 103 | | 1 | | 44 | 144 | 20 |
| bis(2-Ethylhexyl)phthalate | 53.2 | 0 | 66.5 | ug/L | 125 | | 13 | | 33 | 160 | 20 |
| Di-n-octyl phthalate | 53.2 | 0 | 64.9 | ug/L | 122 | | 9 | | 36 | 158 | 20 |
| Benzo(b)fluoranthene | 53.2 | 0 | 56.0 | ug/L | 105 | | 3 | | 40 | 150 | 20 |
| Benzo(k)fluoranthene | 53.2 | 0 | 55.1 | ug/L | 104 | | 2 | | 40 | 147 | 20 |
| Benzo(a)pyrene | 53.2 | 0 | 54.8 | ug/L | 103 | | 1 | | 42 | 147 | 20 |
| Indeno(1,2,3-cd)pyrene | 53.2 | 0 | 55.3 | ug/L | 104 | | 4 | | 30 | 166 | 20 |
| Dibenz(a,h)anthracene | 53.2 | 0 | 55.8 | ug/L | 105 | | 5 | | 23 | 172 | 20 |
| Benzo(g,h,i)perylene | 53.2 | 0 | 54.4 | ug/L | 102 | | 6 | | 27 | 167 | 20 |
| 1,2,4,5-Tetrachlorobenzene | 53.2 | 0 | 48.8 | ug/L | 92 | | 3 | | 89 | 102 | 20 |
| 1,4-Dioxane | 53.2 | 0 | 19.4 | ug/L | 36 | * | 3 | | 38 | 130 | 20 |
| 2,3,4,6-Tetrachlorophenol | 53.2 | 0 | 57.1 | ug/L | 107 | | 4 | | 91 | 111 | 20 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** 8270E **DataFile:** BP024873.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168323BS | Benzaldehyde | 50 | 36.0 | ug/L | 72 | | | | 10 | 162 | |
| | Phenol | 50 | 49.0 | ug/L | 98 | | | | 66 | 118 | |
| | bis(2-Chloroethyl)ether | 50 | 44.9 | ug/L | 90 | | | | 62 | 103 | |
| | 2-Chlorophenol | 50 | 48.7 | ug/L | 97 | | | | 70 | 117 | |
| | 2-Methylphenol | 50 | 47.4 | ug/L | 95 | | | | 69 | 109 | |
| | 2,2-oxybis(1-Chloropropane) | 50 | 43.1 | ug/L | 86 | | | | 65 | 100 | |
| | Acetophenone | 50 | 45.2 | ug/L | 90 | | | | 60 | 104 | |
| | 3+4-Methylphenols | 50 | 46.7 | ug/L | 93 | | | | 67 | 106 | |
| | N-Nitroso-di-n-propylamine | 50 | 41.9 | ug/L | 84 | | | | 57 | 107 | |
| | Hexachloroethane | 50 | 43.8 | ug/L | 88 | | | | 76 | 118 | |
| | Nitrobenzene | 50 | 46.3 | ug/L | 93 | | | | 58 | 106 | |
| | Isophorone | 50 | 43.2 | ug/L | 86 | | | | 61 | 102 | |
| | 2-Nitrophenol | 50 | 47.3 | ug/L | 95 | | | | 70 | 115 | |
| | 2,4-Dimethylphenol | 50 | 48.1 | ug/L | 96 | | | | 42 | 142 | |
| | bis(2-Chloroethoxy)methane | 50 | 45.2 | ug/L | 90 | | | | 58 | 109 | |
| | 2,4-Dichlorophenol | 50 | 49.3 | ug/L | 99 | | | | 66 | 115 | |
| | Naphthalene | 50 | 45.3 | ug/L | 91 | | | | 64 | 107 | |
| | 4-Chloroaniline | 50 | 20.3 | ug/L | 41 | | | | 10 | 85 | |
| | Hexachlorobutadiene | 50 | 44.9 | ug/L | 90 | | | | 69 | 101 | |
| | Caprolactam | 50 | 45.7 | ug/L | 91 | | | | 58 | 128 | |
| | 4-Chloro-3-methylphenol | 50 | 47.3 | ug/L | 95 | | | | 65 | 114 | |
| | 2-Methylnaphthalene | 50 | 45.0 | ug/L | 90 | | | | 64 | 107 | |
| | Hexachlorocyclopentadiene | 100 | 100 | ug/L | 100 | | | | 36 | 160 | |
| | 2,4,6-Trichlorophenol | 50 | 48.2 | ug/L | 96 | | | | 61 | 110 | |
| | 2,4,5-Trichlorophenol | 50 | 49.6 | ug/L | 99 | | | | 70 | 106 | |
| | 1,1-Biphenyl | 50 | 45.8 | ug/L | 92 | | | | 72 | 98 | |
| | 2-Chloronaphthalene | 50 | 46.2 | ug/L | 92 | | | | 59 | 106 | |
| | 2-Nitroaniline | 50 | 48.3 | ug/L | 97 | | | | 73 | 114 | |
| | Dimethylphthalate | 50 | 44.8 | ug/L | 90 | | | | 64 | 103 | |
| | Acenaphthylene | 50 | 45.5 | ug/L | 91 | | | | 79 | 103 | |
| | 2,6-Dinitrotoluene | 50 | 46.2 | ug/L | 92 | | | | 64 | 110 | |
| | 3-Nitroaniline | 50 | 25.9 | ug/L | 52 | | | | 28 | 100 | |
| | Acenaphthene | 50 | 45.2 | ug/L | 90 | | | | 59 | 113 | |
| | 2,4-Dinitrophenol | 100 | 90.6 | ug/L | 91 | | | | 36 | 166 | |
| | 4-Nitrophenol | 100 | 91.4 | ug/L | 91 | | | | 45 | 147 | |
| | Dibenzofuran | 50 | 44.3 | ug/L | 89 | | | | 65 | 106 | |
| | 2,4-Dinitrotoluene | 50 | 47.0 | ug/L | 94 | | | | 60 | 115 | |
| | Diethylphthalate | 50 | 44.3 | ug/L | 89 | | | | 63 | 105 | |
| | 4-Chlorophenyl-phenylether | 50 | 44.1 | ug/L | 88 | | | | 61 | 104 | |
| | Fluorene | 50 | 44.7 | ug/L | 89 | | | | 64 | 107 | |
| | 4-Nitroaniline | 50 | 45.1 | ug/L | 90 | | | | 55 | 125 | |
| | 4,6-Dinitro-2-methylphenol | 50 | 48.5 | ug/L | 97 | | | | 62 | 132 | |
| | N-Nitrosodiphenylamine | 50 | 46.8 | ug/L | 94 | | | | 61 | 109 | |
| | 4-Bromophenyl-phenylether | 50 | 45.8 | ug/L | 92 | | | | 73 | 103 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2202

**Client:** PARSONS Engineering of New York, Inc.

**Analytical Method:** 8270E **DataFile:** BP024873.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168323BS | Hexachlorobenzene | 50 | 45.6 | ug/L | 91 | | | | 73 | 106 | |
| | Atrazine | 50 | 46.7 | ug/L | 93 | | | | 76 | 120 | |
| | Pentachlorophenol | 100 | 110 | ug/L | 110 | | | | 47 | 114 | |
| | Phenanthrene | 50 | 45.8 | ug/L | 92 | | | | 62 | 109 | |
| | Anthracene | 50 | 46.0 | ug/L | 92 | | | | 65 | 110 | |
| | Carbazole | 50 | 47.4 | ug/L | 95 | | | | 62 | 106 | |
| | Di-n-butylphthalate | 50 | 46.1 | ug/L | 92 | | | | 64 | 106 | |
| | Fluoranthene | 50 | 45.9 | ug/L | 92 | | | | 64 | 110 | |
| | Pyrene | 50 | 46.2 | ug/L | 92 | | | | 71 | 103 | |
| | Butylbenzylphthalate | 50 | 46.4 | ug/L | 93 | | | | 61 | 105 | |
| | 3,3-Dichlorobenzidine | 50 | 26.4 | ug/L | 53 | | | | 43 | 108 | |
| | Benzo(a)anthracene | 50 | 46.6 | ug/L | 93 | | | | 62 | 107 | |
| | Chrysene | 50 | 46.4 | ug/L | 93 | | | | 61 | 108 | |
| | bis(2-Ethylhexyl)phthalate | 50 | 47.5 | ug/L | 95 | | | | 59 | 110 | |
| | Di-n-octyl phthalate | 50 | 48.1 | ug/L | 96 | | | | 52 | 139 | |
| | Benzo(b)fluoranthene | 50 | 47.3 | ug/L | 95 | | | | 77 | 113 | |
| | Benzo(k)fluoranthene | 50 | 47.5 | ug/L | 95 | | | | 77 | 105 | |
| | Benzo(a)pyrene | 50 | 47.7 | ug/L | 95 | | | | 72 | 131 | |
| | Indeno(1,2,3-cd)pyrene | 50 | 47.4 | ug/L | 95 | | | | 72 | 105 | |
| | Dibenz(a,h)anthracene | 50 | 47.6 | ug/L | 95 | | | | 78 | 115 | |
| | Benzo(g,h,i)perylene | 50 | 47.6 | ug/L | 95 | | | | 75 | 118 | |
| | 1,2,4,5-Tetrachlorobenzene | 50 | 46.1 | ug/L | 92 | | | | 72 | 101 | |
| | 1,4-Dioxane | 50 | 36.2 | ug/L | 72 | | | | 38 | 125 | |
| | 2,3,4,6-Tetrachlorophenol | 50 | 46.9 | ug/L | 94 | | | | 63 | 116 | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BP024872.D Lab Sample ID: PB168323BL

Instrument ID: BNA_P Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:24

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| PB168323BS | PB168323BS | BP024873.D | 06/09/2025 |
| GW-MW01-060425MS | Q2230-03MS | BP024879.D | 06/09/2025 |
| GW-MW01-060425MSD | Q2230-04MSD | BP024880.D | 06/09/2025 |
| MW-12-20250603 | Q2202-03 | BF142660.D | 06/06/2025 |

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BF142465.D DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:13

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 27.4 |
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 24.7 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.5 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 33.5 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 4.9 |
| 275 | 10.0 - 60.0% of mass 198 | 22.3 |
| 365 | Greater than 1% of mass 198 | 3.1 |
| 441 | Present, but less than mass 443 | 14.9 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19 ( 19 ) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BF142467.D | 05/20/2025 | 12:10 |
| SSTDICC005 | SSTDICC005 | BF142468.D | 05/20/2025 | 12:38 |
| SSTDICC010 | SSTDICC010 | BF142469.D | 05/20/2025 | 13:07 |
| SSTDICC020 | SSTDICC020 | BF142470.D | 05/20/2025 | 13:36 |
| SSTDICCC040 | SSTDICCC040 | BF142471.D | 05/20/2025 | 14:05 |
| SSTDICC050 | SSTDICC050 | BF142472.D | 05/20/2025 | 14:34 |
| SSTDICC060 | SSTDICC060 | BF142473.D | 05/20/2025 | 15:03 |
| SSTDICC080 | SSTDICC080 | BF142474.D | 05/20/2025 | 15:31 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BF142639.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:01

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 33.5 |
| 68 | Less than 2.0% of mass 69 | 0.5 ( 1.8 ) 1 |
| 69 | Mass 69 relative abundance | 29.3 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 40.9 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6 |
| 275 | 10.0 - 60.0% of mass 198 | 25.4 |
| 365 | Greater than 1% of mass 198 | 3.3 |
| 441 | Present, but less than mass 443 | 15.4 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 18.9 (18.9) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BF142640.D | 06/06/2025 | 11:36 |
| MW-12-20250603 | Q2202-03 | BF142660.D | 06/06/2025 | 22:01 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BM050193.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:40

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 20.3 |
| 68 | Less than 2.0% of mass 69 | 0.6 ( 1.6 ) 1 |
| 69 | Mass 69 relative abundance | 37.2 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 47.5 |
| 197 | Less than 2.0% of mass 198 | 0.4 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 7 |
| 275 | 10.0 - 60.0% of mass 198 | 24.6 |
| 365 | Greater than 1% of mass 198 | 3.2 |
| 441 | Present, but less than mass 443 | 11.6 |
| 442 | Greater than 50% of mass 198 | 74.4 |
| 443 | 15.0 - 24.0% of mass 442 | 14.8 (19.9) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BM050194.D | 06/05/2025 | 09:20 |
| SSTDICC005 | SSTDICC005 | BM050195.D | 06/05/2025 | 09:59 |
| SSTDICC010 | SSTDICC010 | BM050196.D | 06/05/2025 | 10:38 |
| SSTDICC020 | SSTDICC020 | BM050197.D | 06/05/2025 | 11:17 |
| SSTDICCC040 | SSTDICCC040 | BM050198.D | 06/05/2025 | 11:57 |
| SSTDICC050 | SSTDICC050 | BM050199.D | 06/05/2025 | 12:36 |
| SSTDICC060 | SSTDICC060 | BM050200.D | 06/05/2025 | 13:16 |
| SSTDICC080 | SSTDICC080 | BM050201.D | 06/05/2025 | 13:56 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BM050261.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_M DFTPP Injection Time: 04:09

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 23.8 |
| 68 | Less than 2.0% of mass 69 | 0.7 ( 1.5 ) 1 |
| 69 | Mass 69 relative abundance | 45.4 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.5 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 52.3 |
| 197 | Less than 2.0% of mass 198 | 0.3 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.6 |
| 275 | 10.0 - 60.0% of mass 198 | 24.1 |
| 365 | Greater than 1% of mass 198 | 3.1 |
| 441 | Present, but less than mass 443 | 11.3 |
| 442 | Greater than 50% of mass 198 | 70.3 |
| 443 | 15.0 - 24.0% of mass 442 | 14.2 (20.2) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BM050262.D | 06/10/2025 | 04:48 |
| MW-12-20250603DL | Q2202-03DL | BM050274.D | 06/10/2025 | 12:38 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 32.2 |
| 68 | Less than 2.0% of mass 69 | 0.7 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 36.9 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 47.9 |
| 197 | Less than 2.0% of mass 198 | 0.0 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.6 |
| 275 | 10.0 - 60.0% of mass 198 | 31.2 |
| 365 | Greater than 1% of mass 198 | 4.6 |
| 441 | Present, but less than mass 443 | 13.1 |
| 442 | Greater than 50% of mass 198 | 84 |
| 443 | 15.0 - 24.0% of mass 442 | 16.1 (19.2) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BP024860.D | 06/06/2025 | 10:30 |
| SSTDICC005 | SSTDICC005 | BP024861.D | 06/06/2025 | 11:11 |
| SSTDICC010 | SSTDICC010 | BP024862.D | 06/06/2025 | 11:52 |
| SSTDICC020 | SSTDICC020 | BP024863.D | 06/06/2025 | 12:33 |
| SSTDICCC040 | SSTDICCC040 | BP024864.D | 06/06/2025 | 13:14 |
| SSTDICC050 | SSTDICC050 | BP024865.D | 06/06/2025 | 13:56 |
| SSTDICC060 | SSTDICC060 | BP024866.D | 06/06/2025 | 14:37 |
| SSTDICC080 | SSTDICC080 | BP024867.D | 06/06/2025 | 15:18 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM SAS No.: Q2202 SDG NO.: Q2202

Lab File ID: BP024870.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:03

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 33.2 |
| 68 | Less than 2.0% of mass 69 | 0.6 ( 1.7 ) 1 |
| 69 | Mass 69 relative abundance | 37.7 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 48.1 |
| 197 | Less than 2.0% of mass 198 | 0.1 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 275 | 10.0 - 60.0% of mass 198 | 30.7 |
| 365 | Greater than 1% of mass 198 | 4.3 |
| 441 | Present, but less than mass 443 | 11.6 |
| 442 | Greater than 50% of mass 198 | 75.5 |
| 443 | 15.0 - 24.0% of mass 442 | 14.5 (19.2) 2 |

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP024871.D | 06/09/2025 | 10:44 |
| PB168323BL | PB168323BL | BP024872.D | 06/09/2025 | 11:24 |
| PB168323BS | PB168323BS | BP024873.D | 06/09/2025 | 12:05 |
| GW-MW01-060425MS | Q2230-03MS | BP024879.D | 06/09/2025 | 16:14 |
| GW-MW01-060425MSD | Q2230-04MSD | BP024880.D | 06/09/2025 | 16:55 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/06/2025

Lab File ID: BF142640.D Time Analyzed: 11:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 126582 | 6.893 | 487381 | 8.18 | 254808 | 9.94 |
| | UPPER LIMIT | 253164 | 7.393 | 974762 | 8.681 | 509616 | 10.439 |
| | LOWER LIMIT | 63291 | 6.393 | 243691 | 7.681 | 127404 | 9.439 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | MW-12-20250603 | 126541 | 6.89 | 428600 | 8.19 | 250553 | 9.93 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/06/2025

Lab File ID: BF142640.D Time Analyzed: 11:36

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 375492 | 11.428 | 207998 | 14.069 | 270482 | 15.563 |
| | UPPER LIMIT | 750984 | 11.928 | 415996 | 14.569 | 540964 | 16.063 |
| | LOWER LIMIT | 187746 | 10.928 | 103999 | 13.569 | 135241 | 15.063 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | MW-12-20250603 | 375437 | 11.42 | 233261 | 14.06 | 275077 | 15.56 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 460715 | 7.763 | 1877130 | 10.55 | 1070950 | 14.40 |
| | UPPER LIMIT | 921430 | 8.263 | 3754260 | 11.051 | 2141900 | 14.898 |
| | LOWER LIMIT | 230358 | 7.263 | 938565 | 10.051 | 535475 | 13.898 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | MW-12-20250603DL | 334632 | 7.76 | 1355550 | 10.55 | 770915 | 14.39 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1957350 | 17.133 | 1968380 | 21.368 | 2090330 | 24.338 |
| | UPPER LIMIT | 3914700 | 17.633 | 3936760 | 21.868 | 4180660 | 24.838 |
| | LOWER LIMIT | 978675 | 16.633 | 984190 | 20.868 | 1045170 | 23.838 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | MW-12-20250603DL | 1509250 | 17.13 | 1638870 | 21.36 | 1724620 | 24.34 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 255229 | 7.608 | 1115940 | 10.38 | 722087 | 14.24 |
| | UPPER LIMIT | 510458 | 8.108 | 2231880 | 10.878 | 1444170 | 14.742 |
| | LOWER LIMIT | 127615 | 7.108 | 557970 | 9.878 | 361044 | 13.742 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168323BL | 278652 | 7.61 | 1083870 | 10.38 | 655689 | 14.25 |
| 02 | PB168323BS | 251786 | 7.61 | 1016040 | 10.38 | 628283 | 14.25 |
| 03 | GW-MW01-060425MS | 226271 | 7.61 | 937705 | 10.37 | 608220 | 14.25 |
| 04 | GW-MW01-060425MSD | 335961 | 7.61 | 1346860 | 10.38 | 841053 | 14.25 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG NO.: Q2202

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1406330 | 17.048 | 1456980 | 21.477 | 1778910 | 24.724 |
| | UPPER LIMIT | 2812660 | 17.548 | 2913960 | 21.977 | 3557820 | 25.224 |
| | LOWER LIMIT | 703165 | 16.548 | 728490 | 20.977 | 889455 | 24.224 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168323BL | 1268480 | 17.07 | 1277130 | 21.49 | 1472670 | 24.73 |
| 02 | PB168323BS | 1189380 | 17.06 | 1268870 | 21.48 | 1547950 | 24.72 |
| 03 | GW-MW01-060425MS | 1235200 | 17.04 | 1490400 | 21.47 | 1839740 | 24.71 |
| 04 | GW-MW01-060425MSD | 1657670 | 17.04 | 1681540 | 21.48 | 1927040 | 24.73 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

# QC SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BL | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 3.90 | U | 3.90 | 10.0 | ug/L |
| 108-95-2 | Phenol | 0.91 | U | 0.91 | 5.00 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 0.81 | U | 0.81 | 5.00 | ug/L |
| 95-57-8 | 2-Chlorophenol | 0.58 | U | 0.58 | 5.00 | ug/L |
| 95-48-7 | 2-Methylphenol | 1.10 | U | 1.10 | 5.00 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.30 | U | 1.30 | 5.00 | ug/L |
| 98-86-2 | Acetophenone | 0.74 | U | 0.74 | 5.00 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 1.10 | U | 1.10 | 10.0 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1.40 | U | 1.40 | 2.50 | ug/L |
| 67-72-1 | Hexachloroethane | 0.65 | U | 0.65 | 5.00 | ug/L |
| 98-95-3 | Nitrobenzene | 0.76 | U | 0.76 | 5.00 | ug/L |
| 78-59-1 | Isophorone | 0.75 | U | 0.75 | 5.00 | ug/L |
| 88-75-5 | 2-Nitrophenol | 1.80 | U | 1.80 | 5.00 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 1.90 | U | 1.90 | 5.00 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 0.68 | U | 0.68 | 5.00 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 0.52 | U | 0.52 | 5.00 | ug/L |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.84 | U | 0.84 | 5.00 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.54 | U | 0.54 | 5.00 | ug/L |
| 105-60-2 | Caprolactam | 1.10 | U | 1.10 | 10.0 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.59 | U | 0.59 | 5.00 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 0.56 | U | 0.56 | 5.00 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.60 | U | 3.60 | 10.0 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.51 | U | 0.51 | 5.00 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.62 | U | 0.62 | 5.00 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 0.53 | U | 0.53 | 5.00 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.30 | U | 1.30 | 5.00 | ug/L |
| 131-11-3 | Dimethylphthalate | 0.61 | U | 0.61 | 5.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BL | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 0.75 | U | 0.75 | 5.00 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 0.92 | U | 0.92 | 5.00 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.10 | U | 1.10 | 5.00 | ug/L |
| 83-32-9 | Acenaphthene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 6.00 | U | 6.00 | 10.0 | ug/L |
| 100-02-7 | 4-Nitrophenol | 2.40 | U | 2.40 | 10.0 | ug/L |
| 132-64-9 | Dibenzofuran | 0.61 | U | 0.61 | 5.00 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.20 | U | 1.20 | 5.00 | ug/L |
| 84-66-2 | Diethylphthalate | 0.69 | U | 0.69 | 5.00 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.68 | U | 0.68 | 5.00 | ug/L |
| 86-73-7 | Fluorene | 0.63 | U | 0.63 | 5.00 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.50 | U | 1.50 | 5.00 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 2.90 | U | 2.90 | 10.0 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 0.58 | U | 0.58 | 5.00 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.40 | U | 0.40 | 5.00 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 1912-24-9 | Atrazine | 1.00 | U | 1.00 | 5.00 | ug/L |
| 87-86-5 | Pentachlorophenol | 1.60 | U | 1.60 | 10.0 | ug/L |
| 85-01-8 | Phenanthrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 120-12-7 | Anthracene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 86-74-8 | Carbazole | 0.72 | U | 0.72 | 5.00 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.20 | U | 1.20 | 5.00 | ug/L |
| 206-44-0 | Fluoranthene | 0.82 | U | 0.82 | 5.00 | ug/L |
| 129-00-0 | Pyrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.90 | U | 1.90 | 5.00 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 0.93 | U | 0.93 | 10.0 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.45 | U | 0.45 | 5.00 | ug/L |
| 218-01-9 | Chrysene | 0.44 | U | 0.44 | 5.00 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.60 | U | 1.60 | 5.00 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 2.30 | U | 2.30 | 10.0 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 0.49 | U | 0.49 | 5.00 | ug/L |

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| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BL | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 0.48 | U | 0.48 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.59 | U | 0.59 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.67 | U | 0.67 | 5.00 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 0.69 | U | 0.69 | 5.00 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 123-91-1 | 1,4-Dioxane | 1.00 | U | 1.00 | 5.00 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.72 | U | 0.72 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 146 | | 23 - 138 | 97% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 137 | | 10 - 134 | 92% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 85.2 | | 67 - 132 | 85% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 84.3 | | 52 - 132 | 84% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 143 | | 44 - 137 | 95% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 90.1 | | 42 - 152 | 90% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 279000 | 7.608 | | | |
| 1146-65-2 | Naphthalene-d8 | 1080000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 656000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1270000 | 17.066 | | | |
| 1719-03-5 | Chrysene-d12 | 1280000 | 21.489 | | | |
| 1520-96-3 | Perylene-d12 | 1470000 | 24.73 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 8.90 | A | | 4.78 | ug/L |

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| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BL | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BS | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
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| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 36.0 | | 3.90 | 10.0 | ug/L |
| 108-95-2 | Phenol | 49.0 | | 0.91 | 5.00 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 44.9 | | 0.81 | 5.00 | ug/L |
| 95-57-8 | 2-Chlorophenol | 48.7 | | 0.58 | 5.00 | ug/L |
| 95-48-7 | 2-Methylphenol | 47.4 | | 1.10 | 5.00 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 43.1 | | 1.30 | 5.00 | ug/L |
| 98-86-2 | Acetophenone | 45.2 | | 0.74 | 5.00 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 46.7 | | 1.10 | 10.0 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 41.9 | | 1.40 | 2.50 | ug/L |
| 67-72-1 | Hexachloroethane | 43.8 | | 0.65 | 5.00 | ug/L |
| 98-95-3 | Nitrobenzene | 46.3 | | 0.76 | 5.00 | ug/L |
| 78-59-1 | Isophorone | 43.2 | | 0.75 | 5.00 | ug/L |
| 88-75-5 | 2-Nitrophenol | 47.3 | | 1.80 | 5.00 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 48.1 | | 1.90 | 5.00 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 45.2 | | 0.68 | 5.00 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 49.3 | | 0.52 | 5.00 | ug/L |
| 91-20-3 | Naphthalene | 45.3 | | 0.50 | 5.00 | ug/L |
| 106-47-8 | 4-Chloroaniline | 20.3 | | 0.84 | 5.00 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 44.9 | | 0.54 | 5.00 | ug/L |
| 105-60-2 | Caprolactam | 45.7 | | 1.10 | 10.0 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 47.3 | | 0.59 | 5.00 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 45.0 | | 0.56 | 5.00 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | E | 3.60 | 10.0 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 48.2 | | 0.51 | 5.00 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 49.6 | | 0.62 | 5.00 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 45.8 | | 0.53 | 5.00 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 46.2 | | 0.61 | 5.00 | ug/L |
| 88-74-4 | 2-Nitroaniline | 48.3 | | 1.30 | 5.00 | ug/L |
| 131-11-3 | Dimethylphthalate | 44.8 | | 0.61 | 5.00 | ug/L |

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# Report of Analysis

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| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BS | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 45.5 | | 0.75 | 5.00 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 46.2 | | 0.92 | 5.00 | ug/L |
| 99-09-2 | 3-Nitroaniline | 25.9 | | 1.10 | 5.00 | ug/L |
| 83-32-9 | Acenaphthene | 45.2 | | 0.55 | 5.00 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 90.6 | E | 6.00 | 10.0 | ug/L |
| 100-02-7 | 4-Nitrophenol | 91.4 | E | 2.40 | 10.0 | ug/L |
| 132-64-9 | Dibenzofuran | 44.3 | | 0.61 | 5.00 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 47.0 | | 1.20 | 5.00 | ug/L |
| 84-66-2 | Diethylphthalate | 44.3 | | 0.69 | 5.00 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 44.1 | | 0.68 | 5.00 | ug/L |
| 86-73-7 | Fluorene | 44.7 | | 0.63 | 5.00 | ug/L |
| 100-01-6 | 4-Nitroaniline | 45.1 | | 1.50 | 5.00 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 48.5 | | 2.90 | 10.0 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 46.8 | | 0.58 | 5.00 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 45.8 | | 0.40 | 5.00 | ug/L |
| 118-74-1 | Hexachlorobenzene | 45.6 | | 0.52 | 5.00 | ug/L |
| 1912-24-9 | Atrazine | 46.7 | | 1.00 | 5.00 | ug/L |
| 87-86-5 | Pentachlorophenol | 110 | E | 1.60 | 10.0 | ug/L |
| 85-01-8 | Phenanthrene | 45.8 | | 0.50 | 5.00 | ug/L |
| 120-12-7 | Anthracene | 46.0 | | 0.61 | 5.00 | ug/L |
| 86-74-8 | Carbazole | 47.4 | | 0.72 | 5.00 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 46.1 | | 1.20 | 5.00 | ug/L |
| 206-44-0 | Fluoranthene | 45.9 | | 0.82 | 5.00 | ug/L |
| 129-00-0 | Pyrene | 46.2 | | 0.50 | 5.00 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 46.4 | | 1.90 | 5.00 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 26.4 | | 0.93 | 10.0 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 46.6 | | 0.45 | 5.00 | ug/L |
| 218-01-9 | Chrysene | 46.4 | | 0.44 | 5.00 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 47.5 | | 1.60 | 5.00 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 48.1 | | 2.30 | 10.0 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 47.3 | | 0.49 | 5.00 | ug/L |

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# Report of Analysis

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| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | |
| Client Sample ID: | PB168323BS | SDG No.: | Q2202 |
| Lab Sample ID: | PB168323BS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 47.5 | | 0.48 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 47.7 | | 0.55 | 5.00 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 47.4 | | 0.59 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 47.6 | | 0.67 | 5.00 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 47.6 | | 0.69 | 5.00 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 46.1 | | 0.52 | 5.00 | ug/L |
| 123-91-1 | 1,4-Dioxane | 36.2 | | 1.00 | 5.00 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 46.9 | | 0.72 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 143 | | 23 - 138 | 95% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 136 | | 10 - 134 | 91% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 79.4 | | 67 - 132 | 79% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 77.9 | | 52 - 132 | 78% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 131 | | 44 - 137 | 88% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 79.2 | | 42 - 152 | 79% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 252000 | 7.608 | | | |
| 1146-65-2 | Naphthalene-d8 | 1020000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 628000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1190000 | 17.06 | | | |
| 1719-03-5 | Chrysene-d12 | 1270000 | 21.483 | | | |
| 1520-96-3 | Perylene-d12 | 1550000 | 24.724 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-03MS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 960 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 39.6 | | 4.10 | 10.4 | ug/L |
| 108-95-2 | Phenol | 19.1 | | 0.95 | 5.20 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 51.3 | | 0.84 | 5.20 | ug/L |
| 95-57-8 | 2-Chlorophenol | 45.5 | | 0.60 | 5.20 | ug/L |
| 95-48-7 | 2-Methylphenol | 38.6 | | 1.20 | 5.20 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 44.9 | | 1.30 | 5.20 | ug/L |
| 98-86-2 | Acetophenone | 55.9 | | 0.77 | 5.20 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 41.2 | | 1.10 | 10.4 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 50.4 | | 1.50 | 2.60 | ug/L |
| 67-72-1 | Hexachloroethane | 24.9 | | 0.68 | 5.20 | ug/L |
| 98-95-3 | Nitrobenzene | 54.9 | | 0.79 | 5.20 | ug/L |
| 78-59-1 | Isophorone | 51.6 | | 0.78 | 5.20 | ug/L |
| 88-75-5 | 2-Nitrophenol | 52.7 | | 1.80 | 5.20 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 48.2 | | 1.90 | 5.20 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 52.2 | | 0.71 | 5.20 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 53.0 | | 0.54 | 5.20 | ug/L |
| 91-20-3 | Naphthalene | 42.7 | | 0.52 | 5.20 | ug/L |
| 106-47-8 | 4-Chloroaniline | 31.4 | | 0.88 | 5.20 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 28.9 | | 0.56 | 5.20 | ug/L |
| 105-60-2 | Caprolactam | 11.7 | | 1.20 | 10.4 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 50.6 | | 0.61 | 5.20 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 48.7 | | 0.58 | 5.20 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 62.8 | | 3.80 | 10.4 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 55.7 | | 0.53 | 5.20 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 57.9 | | 0.65 | 5.20 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 50.2 | | 0.55 | 5.20 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 48.7 | | 0.64 | 5.20 | ug/L |
| 88-74-4 | 2-Nitroaniline | 51.3 | | 1.30 | 5.20 | ug/L |
| 131-11-3 | Dimethylphthalate | 54.0 | | 0.64 | 5.20 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-03MS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 960 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 50.7 | | 0.78 | 5.20 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 56.1 | | 0.96 | 5.20 | ug/L |
| 99-09-2 | 3-Nitroaniline | 33.9 | | 1.10 | 5.20 | ug/L |
| 83-32-9 | Acenaphthene | 52.1 | | 0.57 | 5.20 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 100 | E | 6.20 | 10.4 | ug/L |
| 100-02-7 | 4-Nitrophenol | 48.3 | | 2.50 | 10.4 | ug/L |
| 132-64-9 | Dibenzofuran | 52.6 | | 0.64 | 5.20 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 60.2 | | 1.30 | 5.20 | ug/L |
| 84-66-2 | Diethylphthalate | 56.7 | | 0.72 | 5.20 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 53.6 | | 0.71 | 5.20 | ug/L |
| 86-73-7 | Fluorene | 53.8 | | 0.66 | 5.20 | ug/L |
| 100-01-6 | 4-Nitroaniline | 47.0 | | 1.60 | 5.20 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 53.6 | | 3.00 | 10.4 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 52.4 | | 0.60 | 5.20 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 53.0 | | 0.42 | 5.20 | ug/L |
| 118-74-1 | Hexachlorobenzene | 53.4 | | 0.54 | 5.20 | ug/L |
| 1912-24-9 | Atrazine | 57.8 | | 1.10 | 5.20 | ug/L |
| 87-86-5 | Pentachlorophenol | 140 | E | 1.60 | 10.4 | ug/L |
| 85-01-8 | Phenanthrene | 53.7 | | 0.52 | 5.20 | ug/L |
| 120-12-7 | Anthracene | 53.8 | | 0.64 | 5.20 | ug/L |
| 86-74-8 | Carbazole | 57.9 | | 0.75 | 5.20 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 58.4 | | 1.30 | 5.20 | ug/L |
| 206-44-0 | Fluoranthene | 57.7 | | 0.85 | 5.20 | ug/L |
| 129-00-0 | Pyrene | 51.4 | | 0.52 | 5.20 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 56.8 | | 2.00 | 5.20 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 19.1 | | 0.97 | 10.4 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 54.6 | | 0.47 | 5.20 | ug/L |
| 218-01-9 | Chrysene | 53.4 | | 0.46 | 5.20 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 57.3 | | 1.70 | 5.20 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 58.4 | | 2.40 | 10.4 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 56.2 | | 0.51 | 5.20 | ug/L |

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-03MS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 960 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 53.1 | | 0.50 | 5.20 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 54.1 | | 0.57 | 5.20 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 56.3 | | 0.61 | 5.20 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 57.5 | | 0.70 | 5.20 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 56.4 | | 0.72 | 5.20 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 46.6 | | 0.54 | 5.20 | ug/L |
| 123-91-1 | 1,4-Dioxane | 18.1 | | 1.00 | 5.20 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 57.7 | | 0.75 | 5.20 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 79.2 | | 23 - 138 | 53% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 50.7 | | 10 - 134 | 34% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 90.5 | | 67 - 132 | 91% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 85.6 | | 52 - 132 | 86% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 162 | | 44 - 137 | 108% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 80.4 | | 42 - 152 | 80% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 226000 | 7.608 | | | |
| 1146-65-2 | Naphthalene-d8 | 938000 | 10.372 | | | |
| 15067-26-2 | Acenaphthene-d10 | 608000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1240000 | 17.042 | | | |
| 1719-03-5 | Chrysene-d12 | 1490000 | 21.471 | | | |
| 1520-96-3 | Perylene-d12 | 1840000 | 24.713 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-04MSD | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 940 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 38.8 | | 4.20 | 10.6 | ug/L |
| 108-95-2 | Phenol | 18.1 | | 0.97 | 5.30 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 50.2 | | 0.86 | 5.30 | ug/L |
| 95-57-8 | 2-Chlorophenol | 43.6 | | 0.62 | 5.30 | ug/L |
| 95-48-7 | 2-Methylphenol | 37.0 | | 1.20 | 5.30 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 44.5 | | 1.40 | 5.30 | ug/L |
| 98-86-2 | Acetophenone | 55.5 | | 0.79 | 5.30 | ug/L |
| 65794-96-9 | 3+4-Methylphenols | 38.5 | | 1.20 | 10.6 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 48.1 | | 1.50 | 2.70 | ug/L |
| 67-72-1 | Hexachloroethane | 24.9 | | 0.69 | 5.30 | ug/L |
| 98-95-3 | Nitrobenzene | 54.8 | | 0.81 | 5.30 | ug/L |
| 78-59-1 | Isophorone | 51.1 | | 0.80 | 5.30 | ug/L |
| 88-75-5 | 2-Nitrophenol | 52.9 | | 1.90 | 5.30 | ug/L |
| 105-67-9 | 2,4-Dimethylphenol | 46.9 | | 2.00 | 5.30 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 52.7 | | 0.72 | 5.30 | ug/L |
| 120-83-2 | 2,4-Dichlorophenol | 51.8 | | 0.55 | 5.30 | ug/L |
| 91-20-3 | Naphthalene | 42.1 | | 0.53 | 5.30 | ug/L |
| 106-47-8 | 4-Chloroaniline | 28.9 | | 0.89 | 5.30 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 30.1 | | 0.57 | 5.30 | ug/L |
| 105-60-2 | Caprolactam | 10.8 | | 1.20 | 10.6 | ug/L |
| 59-50-7 | 4-Chloro-3-methylphenol | 48.9 | | 0.63 | 5.30 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 48.6 | | 0.60 | 5.30 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 70.7 | | 3.90 | 10.6 | ug/L |
| 88-06-2 | 2,4,6-Trichlorophenol | 56.6 | | 0.54 | 5.30 | ug/L |
| 95-95-4 | 2,4,5-Trichlorophenol | 57.7 | | 0.66 | 5.30 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 52.0 | | 0.56 | 5.30 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 50.5 | | 0.65 | 5.30 | ug/L |
| 88-74-4 | 2-Nitroaniline | 49.4 | | 1.30 | 5.30 | ug/L |
| 131-11-3 | Dimethylphthalate | 53.9 | | 0.65 | 5.30 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-04MSD | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 940 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 208-96-8 | Acenaphthylene | 51.1 | | 0.80 | 5.30 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 55.7 | | 0.98 | 5.30 | ug/L |
| 99-09-2 | 3-Nitroaniline | 32.5 | | 1.10 | 5.30 | ug/L |
| 83-32-9 | Acenaphthene | 52.7 | | 0.59 | 5.30 | ug/L |
| 51-28-5 | 2,4-Dinitrophenol | 110 | E | 6.40 | 10.6 | ug/L |
| 100-02-7 | 4-Nitrophenol | 45.5 | | 2.50 | 10.6 | ug/L |
| 132-64-9 | Dibenzofuran | 52.6 | | 0.65 | 5.30 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 57.4 | | 1.30 | 5.30 | ug/L |
| 84-66-2 | Diethylphthalate | 56.7 | | 0.73 | 5.30 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 54.1 | | 0.72 | 5.30 | ug/L |
| 86-73-7 | Fluorene | 53.9 | | 0.67 | 5.30 | ug/L |
| 100-01-6 | 4-Nitroaniline | 44.3 | | 1.60 | 5.30 | ug/L |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 56.0 | | 3.10 | 10.6 | ug/L |
| 86-30-6 | n-Nitrosodiphenylamine | 53.2 | | 0.62 | 5.30 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 56.8 | | 0.43 | 5.30 | ug/L |
| 118-74-1 | Hexachlorobenzene | 55.5 | | 0.55 | 5.30 | ug/L |
| 1912-24-9 | Atrazine | 57.4 | | 1.10 | 5.30 | ug/L |
| 87-86-5 | Pentachlorophenol | 140 | E | 1.70 | 10.6 | ug/L |
| 85-01-8 | Phenanthrene | 53.6 | | 0.53 | 5.30 | ug/L |
| 120-12-7 | Anthracene | 53.0 | | 0.65 | 5.30 | ug/L |
| 86-74-8 | Carbazole | 54.8 | | 0.77 | 5.30 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 59.9 | | 1.30 | 5.30 | ug/L |
| 206-44-0 | Fluoranthene | 54.9 | | 0.87 | 5.30 | ug/L |
| 129-00-0 | Pyrene | 56.8 | | 0.53 | 5.30 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 63.2 | | 2.10 | 5.30 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 18.2 | | 0.99 | 10.6 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 55.1 | | 0.48 | 5.30 | ug/L |
| 218-01-9 | Chrysene | 54.7 | | 0.47 | 5.30 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 66.5 | | 1.70 | 5.30 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 64.9 | | 2.50 | 10.6 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 56.0 | | 0.52 | 5.30 | ug/L |

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/04/25 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | SDG No.: | Q2202 |
| Lab Sample ID: | Q2230-04MSD | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 940 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 207-08-9 | Benzo(k)fluoranthene | 55.1 | | 0.51 | 5.30 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 54.8 | | 0.59 | 5.30 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 55.3 | | 0.63 | 5.30 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 55.8 | | 0.71 | 5.30 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 54.4 | | 0.73 | 5.30 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 48.8 | | 0.55 | 5.30 | ug/L |
| 123-91-1 | 1,4-Dioxane | 19.4 | | 1.10 | 5.30 | ug/L |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 57.1 | | 0.77 | 5.30 | ug/L |
| **SURROGATES** | | | | | | |
| 367-12-4 | 2-Fluorophenol | 74.2 | | 23 - 138 | 49% | SPK: 150 |
| 13127-88-3 | Phenol-d6 | 46.3 | | 10 - 134 | 31% | SPK: 150 |
| 4165-60-0 | Nitrobenzene-d5 | 88.0 | | 67 - 132 | 88% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 85.9 | | 52 - 132 | 86% | SPK: 100 |
| 118-79-6 | 2,4,6-Tribromophenol | 159 | | 44 - 137 | 106% | SPK: 150 |
| 1718-51-0 | Terphenyl-d14 | 89.3 | | 42 - 152 | 89% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 336000 | 7.608 | | | |
| 1146-65-2 | Naphthalene-d8 | 1350000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 841000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1660000 | 17.042 | | | |
| 1719-03-5 | Chrysene-d12 | 1680000 | 21.477 | | | |
| 1520-96-3 | Perylene-d12 | 1930000 | 24.73 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF1424
74.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ---------- | ISTD | ---------- | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.493 | 0.460 | 0.474 | 0.458 | 0.500 | 0.486 | 0.456 | 0.475 | 3.79 |
| 3) | | Pyridine | | 1.237 | 1.150 | 1.212 | 1.170 | 1.273 | 1.234 | 1.190 | 1.210 | 3.52 |
| 4) | | n-Nitrosodimet... | | 0.612 | 0.593 | 0.627 | 0.619 | 0.673 | 0.652 | 0.621 | 0.628 | 4.21 |
| 5) | S | 2-Fluorophenol | | 1.264 | 1.214 | 1.225 | 1.125 | 1.220 | 1.164 | 1.098 | 1.187 | 5.03 |
| 6) | | Aniline | | 2.044 | 1.889 | 1.963 | 1.844 | 1.993 | 1.910 | 1.808 | 1.921 | 4.35 |
| 7) | S | Phenol-d6 | | 1.530 | 1.449 | 1.459 | 1.367 | 1.467 | 1.403 | 1.328 | 1.429 | 4.77 |
| 8) | | 2-Chlorophenol | | 1.345 | 1.293 | 1.315 | 1.252 | 1.338 | 1.285 | 1.223 | 1.293 | 3.44 |
| 9) | | Benzaldehyde | | 1.035 | 0.975 | 0.969 | 0.817 | 0.872 | 0.758 | 0.591 | 0.859 | 17.81 |
| 10) | C | Phenol | | 1.716 | 1.621 | 1.646 | 1.530 | 1.657 | 1.597 | 1.487 | 1.608 | 4.85 |
| 11) | | bis(2-Chloroet... | | 1.202 | 1.155 | 1.168 | 1.108 | 1.209 | 1.156 | 1.105 | 1.157 | 3.52 |
| 12) | | 1,3-Dichlorobe... | | 1.562 | 1.470 | 1.473 | 1.389 | 1.482 | 1.407 | 1.317 | 1.443 | 5.48 |
| 13) | C | 1,4-Dichlorobe... | | 1.540 | 1.476 | 1.491 | 1.407 | 1.495 | 1.430 | 1.335 | 1.453 | 4.70 |
| 14) | | 1,2-Dichlorobe... | | 1.495 | 1.405 | 1.436 | 1.327 | 1.432 | 1.357 | 1.284 | 1.391 | 5.20 |
| 15) | | Benzyl Alcohol | | 1.059 | 1.024 | 1.058 | 1.021 | 1.131 | 1.073 | 1.026 | 1.056 | 3.69 |
| 16) | | 2,2'-oxybis(1-... | | 2.082 | 1.978 | 1.983 | 1.868 | 2.011 | 1.898 | 1.786 | 1.944 | 5.11 |
| 17) | | 2-Methylphenol | | 1.040 | 0.992 | 1.026 | 0.976 | 1.053 | 1.015 | 0.965 | 1.010 | 3.27 |
| 18) | | Hexachloroethane | | 0.533 | 0.503 | 0.523 | 0.489 | 0.529 | 0.497 | 0.477 | 0.507 | 4.23 |
| 19) | P | n-Nitroso-di-n... | 0.923 | 0.941 | 0.880 | 0.900 | 0.843 | 0.912 | 0.866 | 0.819 | 0.886 | 4.69 |
| 20) | | 3+4-Methylphenols | | 1.412 | 1.319 | 1.337 | 1.246 | 1.337 | 1.250 | 1.149 | 1.293 | 6.59 |
| 21) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | | | |
| 22) | | Acetophenone | | 0.480 | 0.453 | 0.459 | 0.429 | 0.452 | 0.428 | 0.399 | 0.443 | 5.98 |
| 23) | S | Nitrobenzene-d5 | | 0.376 | 0.365 | 0.379 | 0.356 | 0.382 | 0.363 | 0.347 | 0.367 | 3.51 |
| 24) | | Nitrobenzene | | 0.338 | 0.328 | 0.338 | 0.323 | 0.343 | 0.331 | 0.316 | 0.331 | 2.94 |
| 25) | | Isophorone | | 0.636 | 0.615 | 0.620 | 0.593 | 0.638 | 0.607 | 0.585 | 0.613 | 3.26 |
| 26) | C | 2-Nitrophenol | | 0.167 | 0.170 | 0.180 | 0.175 | 0.190 | 0.182 | 0.173 | 0.177 | 4.44 |
| 27) | | 2,4-Dimethylph... | | 0.315 | 0.315 | 0.318 | 0.303 | 0.325 | 0.312 | 0.295 | 0.312 | 3.22 |
| 28) | | bis(2-Chloroet... | | 0.406 | 0.394 | 0.394 | 0.364 | 0.391 | 0.375 | 0.358 | 0.383 | 4.63 |
| 29) | C | 2,4-Dichloroph... | | 0.288 | 0.282 | 0.290 | 0.276 | 0.300 | 0.283 | 0.266 | 0.283 | 3.74 |
| 30) | | 1,2,4-Trichlor... | | 0.325 | 0.313 | 0.317 | 0.295 | 0.320 | 0.300 | 0.284 | 0.308 | 4.89 |
| 31) | | Naphthalene | | 1.061 | 1.021 | 1.020 | 0.941 | 1.007 | 0.953 | 0.891 | 0.985 | 5.94 |
| 32) | | Benzoic acid | | | 0.153 | 0.176 | 0.188 | 0.211 | 0.209 | 0.201 | 0.190 | 11.73 |
| 33) | | 4-Chloroaniline | | 0.424 | 0.409 | 0.416 | 0.389 | 0.415 | 0.397 | 0.343 | 0.399 | 6.87 |
| 34) | C | Hexachlorobuta... | | 0.203 | 0.192 | 0.197 | 0.187 | 0.198 | 0.192 | 0.176 | 0.192 | 4.52 |
| 35) | | Caprolactam | | 0.081 | 0.076 | 0.083 | 0.079 | 0.085 | 0.078 | 0.076 | 0.080 | 4.29 |
| 36) | C | 4-Chloro-3-met... | | 0.304 | 0.290 | 0.299 | 0.282 | 0.301 | 0.287 | 0.271 | 0.291 | 4.02 |
| 37) | | 2-Methylnaphth... | | 0.679 | 0.638 | 0.646 | 0.590 | 0.631 | 0.598 | 0.556 | 0.620 | 6.62 |
| 38) | | 1-Methylnaphth... | | 0.703 | 0.668 | 0.672 | 0.615 | 0.650 | 0.611 | 0.566 | 0.641 | 7.19 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.592 | 0.580 | 0.588 | 0.552 | 0.592 | 0.573 | 0.544 | 0.574 | 3.39 |
| 41) | P | Hexachlorocycl... | 0.318 | 0.350 | 0.383 | 0.393 | 0.430 | 0.425 | 0.411 | 0.387 | 10.57 |
| 42) | S | 2,4,6-Tribromo... | 0.230 | 0.225 | 0.234 | 0.211 | 0.233 | 0.218 | 0.202 | 0.222 | 5.39 |
| 43) | C | 2,4,6-Trichlor... | 0.387 | 0.373 | 0.406 | 0.371 | 0.406 | 0.388 | 0.379 | 0.387 | 3.69 |
| 44) | | 2,4,5-Trichlor... | 0.410 | 0.411 | 0.416 | 0.395 | 0.437 | 0.408 | 0.381 | 0.408 | 4.27 |
| 45) | S | 2-Fluorobiphenyl | 1.726 | 1.619 | 1.558 | 1.387 | 1.480 | 1.396 | 1.268 | 1.490 | 10.46 |
| 46) | | 1,1'-Biphenyl | 1.672 | 1.605 | 1.595 | 1.480 | 1.595 | 1.507 | 1.408 | 1.552 | 5.82 |
| 47) | | 2-Chloronaphth... | 1.218 | 1.170 | 1.177 | 1.094 | 1.183 | 1.122 | 1.061 | 1.146 | 4.84 |
| 48) | | 2-Nitroaniline | 0.333 | 0.318 | 0.338 | 0.324 | 0.354 | 0.332 | 0.320 | 0.331 | 3.72 |
| 49) | | Acenaphthylene | 2.064 | 1.982 | 2.027 | 1.851 | 1.998 | 1.885 | 1.745 | 1.936 | 5.85 |
| 50) | | Dimethylphthalate | 1.441 | 1.340 | 1.367 | 1.255 | 1.366 | 1.256 | 1.211 | 1.320 | 6.16 |
| 51) | | 2,6-Dinitrotol... | 0.290 | 0.283 | 0.289 | 0.280 | 0.302 | 0.281 | 0.268 | 0.285 | 3.74 |
| 52) | C | Acenaphthene | 1.259 | 1.222 | 1.227 | 1.120 | 1.223 | 1.146 | 1.077 | 1.182 | 5.72 |
| 53) | | 3-Nitroaniline | 0.320 | 0.309 | 0.327 | 0.299 | 0.330 | 0.305 | 0.287 | 0.311 | 5.02 |
| 54) | P | 2,4-Dinitrophenol | | 0.110 | 0.137 | 0.149 | 0.169 | 0.160 | 0.158 | 0.147 | 14.36 |
| 55) | | Dibenzofuran | 1.886 | 1.766 | 1.768 | 1.606 | 1.736 | 1.635 | 1.509 | 1.701 | 7.38 |
| 56) | P | 4-Nitrophenol | 0.221 | 0.217 | 0.242 | 0.227 | 0.252 | 0.229 | 0.220 | 0.230 | 5.57 |
| 57) | | 2,4-Dinitrotol... | 0.372 | 0.367 | 0.387 | 0.364 | 0.398 | 0.372 | 0.344 | 0.372 | 4.62 |
| 58) | | Fluorene | 1.477 | 1.399 | 1.372 | 1.231 | 1.343 | 1.238 | 1.140 | 1.314 | 8.85 |
| 59) | | 2,3,4,6-Tetrac... | 0.347 | 0.336 | 0.360 | 0.333 | 0.361 | 0.333 | 0.317 | 0.341 | 4.71 |
| 60) | | Diethylphthalate | 1.422 | 1.310 | 1.359 | 1.231 | 1.343 | 1.218 | 1.140 | 1.289 | 7.51 |
| 61) | | 4-Chlorophenyl... | 0.724 | 0.678 | 0.676 | 0.609 | 0.653 | 0.612 | 0.566 | 0.646 | 8.25 |
| 62) | | 4-Nitroaniline | 0.303 | 0.283 | 0.303 | 0.277 | 0.294 | 0.265 | 0.251 | 0.282 | 6.95 |
| 63) | | Azobenzene | 1.239 | 1.194 | 1.188 | 1.107 | 1.197 | 1.123 | 1.055 | 1.158 | 5.55 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | 0.086 | 0.094 | 0.110 | 0.115 | 0.129 | 0.125 | 0.123 | 0.112 | 14.72 |
| 66) | c | n-Nitrosodiphe... | 0.712 | 0.682 | 0.696 | 0.649 | 0.697 | 0.694 | 0.660 | 0.684 | 3.30 |
| 67) | | 4-Bromophenyl-... | 0.240 | 0.235 | 0.239 | 0.222 | 0.246 | 0.243 | 0.230 | 0.236 | 3.45 |
| 68) | | Hexachlorobenzene | 0.265 | 0.267 | 0.263 | 0.251 | 0.273 | 0.262 | 0.250 | 0.262 | 3.19 |
| 69) | | Atrazine | 0.184 | 0.174 | 0.186 | 0.178 | 0.196 | 0.181 | 0.174 | 0.182 | 4.29 |
| 70) | C | Pentachlorophenol | 0.130 | 0.135 | 0.149 | 0.147 | 0.162 | 0.157 | 0.154 | 0.148 | 7.88 |
| 71) | | Phenanthrene | 1.196 | 1.094 | 1.100 | 1.012 | 1.085 | 1.033 | 0.964 | 1.069 | 7.00 |
| 72) | | Anthracene | 1.191 | 1.132 | 1.124 | 1.036 | 1.110 | 1.048 | 0.996 | 1.091 | 6.15 |
| 73) | | Carbazole | 1.030 | 0.968 | 0.982 | 0.889 | 0.950 | 0.877 | 0.832 | 0.933 | 7.39 |
| 74) | | Di-n-butylphth... | 1.108 | 1.039 | 1.083 | 0.976 | 1.059 | 0.974 | 0.908 | 1.021 | 6.95 |
| 75) | C | Fluoranthene | 1.177 | 1.081 | 1.052 | 0.938 | 0.997 | 0.901 | 0.846 | 0.999 | 11.41 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | 0.670 | 0.782 | 0.903 | 0.797 | 0.805 | 0.698 | 0.556 | 0.744 | 15.12 |
| 78) | | Pyrene | 1.929 | 1.967 | 2.066 | 1.859 | 1.959 | 1.773 | 1.507 | 1.866 | 9.79 |
| 79) | S | Terphenyl-d14 | 1.624 | 1.582 | 1.660 | 1.423 | 1.492 | 1.337 | 1.126 | 1.464 | 12.80 |
| 80) | | Butylbenzylpht... | 0.462 | 0.453 | 0.525 | 0.526 | 0.575 | 0.550 | 0.517 | 0.516 | 8.54 |
| 81) | | Benzo(a)anthra... | 1.424 | 1.287 | 1.403 | 1.278 | 1.391 | 1.327 | 1.238 | 1.336 | 5.36 |
| 82) | | 3,3'-Dichlorob... | 0.360 | 0.364 | 0.402 | 0.407 | 0.444 | 0.442 | 0.417 | 0.405 | 8.30 |
| 83) | | Chrysene | 1.222 | 1.204 | 1.193 | 1.145 | 1.255 | 1.223 | 1.158 | 1.200 | 3.20 |
| 84) | | Bis(2-ethylhex... | 0.510 | 0.548 | 0.618 | 0.673 | 0.765 | 0.778 | 0.727 | 0.660 | 15.91 |
| 85) | c | Di-n-octyl pht... | | 0.958 | 1.108 | 1.266 | 1.432 | 1.542 | 1.437 | 1.290 | 17.30 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.421 | 1.495 | 1.583 | 1.448 | 1.583 | 1.546 | 1.434 | 1.501 | 4.64 |
| 88) | | Benzo(b)fluora... | 1.317 | 1.105 | 1.293 | 1.126 | 1.209 | 1.122 | 1.114 | 1.184 | 7.62 |
| 89) | | Benzo(k)fluora... | 1.191 | 1.166 | 1.032 | 1.042 | 1.178 | 1.128 | 1.023 | 1.109 | 6.68 |
| 90) | C | Benzo(a)pyrene | 1.154 | 1.081 | 1.114 | 1.081 | 1.185 | 1.133 | 1.062 | 1.116 | 4.00 |
| 91) | | Dibenzo(a,h)an... | 1.152 | 1.228 | 1.275 | 1.184 | 1.290 | 1.245 | 1.149 | 1.218 | 4.67 |
| 92) | | Benzo(g,h,i)pe... | 1.154 | 1.220 | 1.270 | 1.180 | 1.299 | 1.245 | 1.158 | 1.218 | 4.64 |

(#) = Out of Range

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM0502
01.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.597 | 0.552 | 0.516 | 0.479 | 0.511 | 0.536 | 0.488 | 0.526 | 7.69 |
| 3) | | Pyridine | | 1.353 | 1.352 | 1.370 | 1.311 | 1.425 | 1.389 | 1.326 | 1.361 | 2.80 |
| 4) | | n-Nitrosodimet... | | 0.283 | 0.265 | 0.279 | 0.272 | 0.297 | 0.293 | 0.282 | 0.281 | 3.95 |
| 5) | S | 2-Fluorophenol | | 1.251 | 1.193 | 1.192 | 1.145 | 1.238 | 1.224 | 1.150 | 1.199 | 3.45 |
| 6) | | Aniline | | 2.033 | 2.016 | 2.147 | 2.065 | 2.250 | 2.064 | 2.031 | 2.086 | 4.02 |
| 7) | S | Phenol-d6 | | 1.569 | 1.521 | 1.617 | 1.565 | 1.699 | 1.560 | 1.516 | 1.578 | 4.00 |
| 8) | | 2-Chlorophenol | | 1.289 | 1.259 | 1.344 | 1.295 | 1.418 | 1.338 | 1.288 | 1.319 | 4.02 |
| 9) | | Benzaldehyde | | 1.188 | 1.080 | 1.096 | 0.878 | 0.975 | 0.804 | | 1.003 | 14.43 |
| 10) | C | Phenol | | 1.673 | 1.644 | 1.710 | 1.644 | 1.782 | 1.637 | 1.600 | 1.670 | 3.58 |
| 11) | | bis(2-Chloroet... | | 1.396 | 1.319 | 1.380 | 1.315 | 1.428 | 1.295 | 1.269 | 1.343 | 4.36 |
| 12) | | 1,3-Dichlorobe... | | 1.516 | 1.462 | 1.491 | 1.412 | 1.545 | 1.485 | 1.409 | 1.474 | 3.46 |
| 13) | C | 1,4-Dichlorobe... | | 1.619 | 1.544 | 1.564 | 1.450 | 1.591 | 1.525 | 1.444 | 1.534 | 4.34 |
| 14) | | 1,2-Dichlorobe... | | 1.503 | 1.456 | 1.492 | 1.402 | 1.540 | 1.450 | 1.392 | 1.462 | 3.68 |
| 15) | | Benzyl Alcohol | | 1.072 | 1.045 | 1.152 | 1.141 | 1.267 | 1.102 | 1.101 | 1.126 | 6.43 |
| 16) | | 2,2'-oxybis(1-... | | 1.012 | 0.949 | 0.974 | 0.909 | 0.978 | 0.863 | 0.845 | 0.933 | 6.68 |
| 17) | | 2-Methylphenol | | 1.078 | 1.042 | 1.133 | 1.108 | 1.207 | 1.077 | 1.068 | 1.102 | 4.96 |
| 18) | | Hexachloroethane | | 0.564 | 0.544 | 0.552 | 0.533 | 0.593 | 0.559 | 0.543 | 0.556 | 3.51 |
| 19) | P | n-Nitroso-di-n... | 0.847 | 0.944 | 0.947 | 1.072 | 1.001 | 1.096 | 0.906 | 0.913 | 0.966 | 8.82 |
| 20) | | 3+4-Methylphenols | | 1.367 | 1.375 | 1.533 | 1.509 | 1.661 | 1.437 | 1.438 | 1.474 | 6.98 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.515 | 0.506 | 0.517 | 0.476 | 0.519 | 0.495 | 0.470 | 0.500 | 4.03 |
| 23) | S | Nitrobenzene-d5 | | 0.359 | 0.362 | 0.392 | 0.377 | 0.414 | 0.406 | 0.382 | 0.385 | 5.42 |
| 24) | | Nitrobenzene | | 0.333 | 0.337 | 0.359 | 0.339 | 0.370 | 0.363 | 0.347 | 0.350 | 4.10 |
| 25) | | Isophorone | | 0.647 | 0.624 | 0.685 | 0.659 | 0.733 | 0.652 | 0.646 | 0.664 | 5.33 |
| 26) | C | 2-Nitrophenol | | 0.116 | 0.124 | 0.146 | 0.155 | 0.178 | 0.169 | 0.169 | 0.151 | 15.65 |
| 27) | | 2,4-Dimethylph... | | 0.311 | 0.298 | 0.315 | 0.303 | 0.332 | 0.313 | 0.299 | 0.310 | 3.80 |
| 28) | | bis(2-Chloroet... | | 0.426 | 0.413 | 0.447 | 0.427 | 0.470 | 0.432 | 0.420 | 0.434 | 4.42 |
| 29) | C | 2,4-Dichloroph... | | 0.265 | 0.262 | 0.289 | 0.286 | 0.319 | 0.300 | 0.289 | 0.287 | 6.83 |
| 30) | | 1,2,4-Trichlor... | | 0.324 | 0.307 | 0.321 | 0.305 | 0.337 | 0.330 | 0.312 | 0.319 | 3.72 |
| 31) | | Naphthalene | | 1.111 | 1.041 | 1.056 | 0.977 | 1.061 | 1.025 | 0.969 | 1.034 | 4.79 |
| 32) | | Benzoic acid | | | 0.127 | 0.176 | 0.204 | 0.233 | 0.211 | 0.219 | 0.195 | 19.69 |
| 33) | | 4-Chloroaniline | | 0.438 | 0.423 | 0.454 | 0.433 | 0.477 | 0.440 | 0.422 | 0.441 | 4.37 |
| 34) | C | Hexachlorobuta... | | 0.188 | 0.184 | 0.189 | 0.182 | 0.202 | 0.197 | 0.188 | 0.190 | 3.74 |
| 35) | | Caprolactam | | 0.077 | 0.077 | 0.093 | 0.097 | 0.112 | 0.092 | 0.090 | 0.091 | 13.48 |
| 36) | C | 4-Chloro-3-met... | | 0.293 | 0.276 | 0.313 | 0.313 | 0.347 | 0.302 | 0.299 | 0.306 | 7.19 |
| 37) | | 2-Methylnaphth... | | 0.625 | 0.592 | 0.643 | 0.615 | 0.679 | 0.619 | 0.594 | 0.624 | 4.78 |
| 38) | | 1-Methylnaphth... | | 0.676 | 0.637 | 0.689 | 0.649 | 0.714 | 0.648 | 0.622 | 0.662 | 4.86 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.586 | 0.561 | 0.585 | 0.541 | 0.589 | 0.607 | 0.574 | 0.578 | 3.71 |
| 41) | P | Hexachlorocycl... | 0.295 | 0.305 | 0.339 | 0.341 | 0.382 | 0.401 | 0.392 | 0.351 | 12.02 |
| 42) | S | 2,4,6-Tribromo... | 0.210 | 0.213 | 0.238 | 0.231 | 0.254 | 0.233 | 0.214 | 0.227 | 6.99 |
| 43) | C | 2,4,6-Trichlor... | 0.346 | 0.347 | 0.379 | 0.375 | 0.414 | 0.402 | 0.396 | 0.380 | 6.93 |
| 44) | | 2,4,5-Trichlor... | 0.371 | 0.382 | 0.424 | 0.414 | 0.457 | 0.442 | 0.429 | 0.417 | 7.46 |
| 45) | S | 2-Fluorobiphenyl | 1.589 | 1.536 | 1.532 | 1.377 | 1.463 | 1.480 | 1.364 | 1.477 | 5.67 |
| 46) | | 1,1'-Biphenyl | 1.582 | 1.513 | 1.514 | 1.404 | 1.526 | 1.508 | 1.437 | 1.498 | 3.96 |
| 47) | | 2-Chloronaphth... | 1.221 | 1.194 | 1.180 | 1.084 | 1.171 | 1.177 | 1.123 | 1.164 | 3.94 |
| 48) | | 2-Nitroaniline | 0.200 | 0.206 | 0.252 | 0.268 | 0.302 | 0.290 | 0.277 | 0.256 | 15.56 |
| 49) | | Acenaphthylene | 1.863 | 1.834 | 1.940 | 1.819 | 1.978 | 1.924 | 1.824 | 1.883 | 3.39 |
| 50) | | Dimethylphthalate | 1.339 | 1.285 | 1.398 | 1.343 | 1.474 | 1.344 | 1.284 | 1.353 | 4.92 |
| 51) | | 2,6-Dinitrotol... | 0.204 | 0.231 | 0.284 | 0.289 | 0.320 | 0.297 | 0.284 | 0.273 | 14.82 |
| 52) | C | Acenaphthene | 1.217 | 1.176 | 1.185 | 1.132 | 1.228 | 1.181 | 1.127 | 1.178 | 3.24 |
| 53) | | 3-Nitroaniline | 0.231 | 0.252 | 0.312 | 0.323 | 0.360 | 0.336 | 0.314 | 0.304 | 15.16 |
| 54) | P | 2,4-Dinitrophenol | | 0.093 | 0.131 | 0.152 | 0.179 | 0.160 | 0.160 | 0.146 | 20.67 |
| 55) | | Dibenzofuran | 1.782 | 1.710 | 1.775 | 1.662 | 1.797 | 1.719 | 1.617 | 1.723 | 3.87 |
| 56) | P | 4-Nitrophenol | 0.199 | 0.216 | 0.265 | 0.274 | 0.307 | 0.288 | 0.262 | 0.259 | 14.93 |
| 57) | | 2,4-Dinitrotol... | 0.250 | 0.283 | 0.365 | 0.396 | 0.447 | 0.398 | 0.380 | 0.360 | 19.28 |
| 58) | | Fluorene | 1.413 | 1.358 | 1.394 | 1.267 | 1.348 | 1.289 | 1.169 | 1.320 | 6.40 |
| 59) | | 2,3,4,6-Tetrac... | 0.338 | 0.330 | 0.370 | 0.365 | 0.401 | 0.371 | 0.350 | 0.361 | 6.60 |
| 60) | | Diethylphthalate | 1.314 | 1.272 | 1.416 | 1.346 | 1.490 | 1.317 | 1.238 | 1.342 | 6.43 |
| 61) | | 4-Chlorophenyl... | 0.675 | 0.656 | 0.667 | 0.611 | 0.660 | 0.623 | 0.573 | 0.638 | 5.81 |
| 62) | | 4-Nitroaniline | 0.213 | 0.236 | 0.291 | 0.308 | 0.342 | 0.319 | 0.285 | 0.285 | 16.00 |
| 63) | | Azobenzene | 1.342 | 1.330 | 1.415 | 1.313 | 1.443 | 1.316 | 1.230 | 1.341 | 5.25 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.075 | 0.101 | 0.111 | 0.128 | 0.120 | 0.121 | 0.109 | 17.72 |
| 66) | c | n-Nitrosodiphe... | 0.630 | 0.626 | 0.639 | 0.594 | 0.646 | 0.639 | 0.625 | 0.628 | 2.73 |
| 67) | | 4-Bromophenyl-... | 0.207 | 0.204 | 0.215 | 0.204 | 0.228 | 0.217 | 0.218 | 0.213 | 4.13 |
| 68) | | Hexachlorobenzene | 0.249 | 0.240 | 0.253 | 0.238 | 0.261 | 0.255 | 0.249 | 0.249 | 3.29 |
| 69) | | Atrazine | 0.166 | 0.177 | 0.206 | 0.206 | 0.231 | 0.212 | 0.204 | 0.200 | 10.86 |
| 70) | C | Pentachlorophenol | 0.133 | 0.138 | 0.165 | 0.164 | 0.187 | 0.177 | 0.171 | 0.162 | 12.21 |
| 71) | | Phenanthrene | 1.239 | 1.156 | 1.160 | 1.071 | 1.161 | 1.144 | 1.068 | 1.143 | 5.14 |
| 72) | | Anthracene | 1.167 | 1.135 | 1.175 | 1.086 | 1.181 | 1.165 | 1.092 | 1.143 | 3.46 |
| 73) | | Carbazole | 1.041 | 1.003 | 1.063 | 1.009 | 1.103 | 1.085 | 0.985 | 1.041 | 4.30 |
| 74) | | Di-n-butylphth... | 0.998 | 1.007 | 1.187 | 1.159 | 1.300 | 1.187 | 1.093 | 1.133 | 9.53 |
| 75) | C | Fluoranthene | 1.180 | 1.139 | 1.231 | 1.178 | 1.301 | 1.284 | 1.121 | 1.205 | 5.77 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.381 | 0.568 | 0.617 | 0.689 | 0.600 | 0.520 | 0.562 | 18.64 |
| 78) | | Pyrene | 1.331 | 1.307 | 1.444 | 1.324 | 1.423 | 1.274 | 1.334 | 1.348 | 4.61 |
| 79) | S | Terphenyl-d14 | 1.148 | 1.088 | 1.165 | 1.010 | 1.064 | 0.955 | 0.957 | 1.055 | 8.06 |
| 80) | | Butylbenzylpht... | 0.322 | 0.347 | 0.460 | 0.490 | 0.563 | 0.480 | 0.485 | 0.450 | 18.95 |
| 81) | | Benzo(a)anthra... | 1.271 | 1.231 | 1.298 | 1.218 | 1.338 | 1.280 | 1.225 | 1.266 | 3.47 |
| 82) | | 3,3'-Dichlorob... | 0.265 | 0.301 | 0.379 | 0.415 | 0.476 | 0.450 | 0.416 | 0.386 | 19.97 |
| 83) | | Chrysene | 1.235 | 1.184 | 1.225 | 1.151 | 1.256 | 1.217 | 1.161 | 1.204 | 3.27 |
| 84) | | Bis(2-ethylhex... | 0.525 | 0.574 | 0.702 | 0.740 | 0.851 | 0.741 | 0.714 | 0.693 | 15.84 |
| 85) | c | Di-n-octyl pht... | 0.641 | 0.729 | 0.936 | 1.114 | 1.359 | 1.245 | 1.169 | 1.028 | 26.08 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.189 | 1.183 | 1.254 | 1.191 | 1.318 | 1.472 | 1.407 | 1.288 | 8.99 |
| 88) | | Benzo(b)fluora... | 1.104 | 1.082 | 1.205 | 1.170 | 1.269 | 1.178 | 1.132 | 1.163 | 5.46 |
| 89) | | Benzo(k)fluora... | 1.141 | 1.149 | 1.222 | 1.167 | 1.295 | 1.190 | 1.144 | 1.187 | 4.71 |
| 90) | C | Benzo(a)pyrene | 0.994 | 1.007 | 1.111 | 1.081 | 1.197 | 1.153 | 1.111 | 1.093 | 6.73 |
| 91) | | Dibenzo(a,h)an... | 0.954 | 0.966 | 1.021 | 0.972 | 1.075 | 1.188 | 1.141 | 1.045 | 8.83 |
| 92) | | Benzo(g,h,i)pe... | 1.002 | 0.978 | 1.013 | 0.954 | 1.037 | 1.194 | 1.146 | 1.046 | 8.57 |

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.564 | 0.529 | 0.524 | 0.495 | 0.546 | 0.515 | 0.517 | 0.527 | 4.21 |
| 3) | | Pyridine | | 1.151 | 1.183 | 1.265 | 1.226 | 1.370 | 1.367 | 1.315 | 1.268 | 6.84 |
| 4) | | n-Nitrosodimet... | | | 0.478 | 0.509 | 0.502 | 0.542 | 0.554 | 0.525 | 0.518 | 5.36 |
| 5) | S | 2-Fluorophenol | | 1.127 | 1.139 | 1.207 | 1.163 | 1.283 | 1.253 | 1.215 | 1.198 | 4.85 |
| 6) | | Aniline | | 1.917 | 1.892 | 2.016 | 1.978 | 2.145 | 2.182 | 2.031 | 2.023 | 5.37 |
| 7) | S | Phenol-d6 | | 1.507 | 1.528 | 1.588 | 1.545 | 1.676 | 1.689 | 1.564 | 1.585 | 4.49 |
| 8) | | 2-Chlorophenol | | 1.336 | 1.290 | 1.346 | 1.314 | 1.453 | 1.422 | 1.348 | 1.358 | 4.29 |
| 9) | | Benzaldehyde | | | 1.038 | 1.071 | 0.873 | 0.985 | 0.869 | 0.646 | 0.914 | 16.98 |
| 10) | C | Phenol | | 1.560 | 1.564 | 1.616 | 1.587 | 1.725 | 1.759 | 1.629 | 1.634 | 4.78 |
| 11) | | bis(2-Chloroet... | | 1.222 | 1.277 | 1.334 | 1.234 | 1.363 | 1.322 | 1.246 | 1.285 | 4.26 |
| 12) | | 1,3-Dichlorobe... | | 1.570 | 1.515 | 1.537 | 1.425 | 1.571 | 1.519 | 1.471 | 1.515 | 3.49 |
| 13) | C | 1,4-Dichlorobe... | | 1.596 | 1.507 | 1.535 | 1.439 | 1.604 | 1.534 | 1.488 | 1.529 | 3.82 |
| 14) | | 1,2-Dichlorobe... | | 1.529 | 1.637 | 1.488 | 1.401 | 1.540 | 1.492 | 1.422 | 1.501 | 5.25 |
| 15) | | Benzyl Alcohol | | | 1.137 | 1.185 | 1.170 | 1.289 | 1.309 | 1.211 | 1.217 | 5.63 |
| 16) | | 2,2'-oxybis(1-... | | 1.748 | 1.732 | 1.722 | 1.583 | 1.751 | 1.667 | 1.574 | 1.682 | 4.54 |
| 17) | | 2-Methylphenol | | 1.053 | 1.149 | 1.138 | 1.106 | 1.210 | 1.211 | 1.121 | 1.141 | 4.94 |
| 18) | | Hexachloroethane | | 0.591 | 0.565 | 0.581 | 0.545 | 0.611 | 0.574 | 0.562 | 0.576 | 3.73 |
| 19) | P | n-Nitroso-di-n... | 0.984 | 1.101 | 1.105 | 1.107 | 1.043 | 1.141 | 1.113 | 1.029 | 1.078 | 4.93 |
| 20) | | 3+4-Methylphenols | | | 1.507 | 1.548 | 1.493 | 1.631 | 1.648 | 1.515 | 1.557 | 4.29 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.506 | 0.521 | 0.511 | 0.491 | 0.535 | 0.510 | 0.463 | 0.505 | 4.58 |
| 23) | S | Nitrobenzene-d5 | | 0.407 | 0.397 | 0.423 | 0.404 | 0.444 | 0.423 | 0.383 | 0.412 | 4.89 |
| 24) | | Nitrobenzene | | 0.366 | 0.351 | 0.375 | 0.360 | 0.392 | 0.376 | 0.339 | 0.366 | 4.81 |
| 25) | | Isophorone | | 0.704 | 0.678 | 0.724 | 0.694 | 0.764 | 0.726 | 0.704 | 0.713 | 3.91 |
| 26) | C | 2-Nitrophenol | | 0.154 | 0.157 | 0.178 | 0.180 | 0.201 | 0.195 | 0.198 | 0.180 | 10.62 |
| 27) | | 2,4-Dimethylph... | | 0.294 | 0.286 | 0.310 | 0.303 | 0.331 | 0.320 | 0.318 | 0.309 | 5.12 |
| 28) | | bis(2-Chloroet... | | 0.414 | 0.408 | 0.438 | 0.414 | 0.465 | 0.423 | 0.416 | 0.426 | 4.70 |
| 29) | C | 2,4-Dichloroph... | | 0.246 | 0.272 | 0.300 | 0.292 | 0.327 | 0.313 | 0.323 | 0.296 | 9.81 |
| 30) | | 1,2,4-Trichlor... | | 0.335 | 0.319 | 0.335 | 0.317 | 0.352 | 0.330 | 0.351 | 0.334 | 4.16 |
| 31) | | Naphthalene | | 1.071 | 1.022 | 1.044 | 0.989 | 1.079 | 1.035 | 0.935 | 1.025 | 4.86 |
| 32) | | Benzoic acid | | | 0.159 | 0.181 | 0.204 | 0.230 | 0.235 | 0.243 | 0.209 | 16.01 |
| 33) | | 4-Chloroaniline | | 0.397 | 0.401 | 0.435 | 0.426 | 0.471 | 0.463 | 0.414 | 0.429 | 6.72 |
| 34) | C | Hexachlorobuta... | | 0.203 | 0.199 | 0.208 | 0.194 | 0.218 | 0.198 | 0.189 | 0.201 | 4.76 |
| 35) | | Caprolactam | | | 0.098 | 0.109 | 0.110 | 0.118 | 0.116 | 0.104 | 0.109 | 6.91 |
| 36) | C | 4-Chloro-3-met... | | 0.312 | 0.322 | 0.351 | 0.341 | 0.374 | 0.363 | 0.329 | 0.342 | 6.58 |
| 37) | | 2-Methylnaphth... | | 0.659 | 0.638 | 0.659 | 0.633 | 0.696 | 0.664 | 0.602 | 0.650 | 4.54 |
| 38) | | 1-Methylnaphth... | | 0.720 | 0.680 | 0.718 | 0.671 | 0.741 | 0.693 | 0.643 | 0.695 | 4.86 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.568 | 0.561 | 0.568 | 0.538 | 0.601 | 0.574 | 0.562 | 0.568 | 3.31 |
| 41) | P | Hexachlorocycl... | | 0.259 | 0.315 | 0.337 | 0.404 | 0.369 | 0.394 | 0.346 | 15.74 |
| 42) | S | 2,4,6-Tribromo... | 0.256 | 0.264 | 0.279 | 0.267 | 0.298 | 0.286 | 0.285 | 0.277 | 5.26 |
| 43) | C | 2,4,6-Trichlor... | 0.342 | 0.352 | 0.386 | 0.375 | 0.411 | 0.404 | 0.396 | 0.381 | 6.86 |
| 44) | | 2,4,5-Trichlor... | 0.349 | 0.379 | 0.414 | 0.405 | 0.448 | 0.436 | 0.426 | 0.408 | 8.44 |
| 45) | S | 2-Fluorobiphenyl | 1.542 | 1.507 | 1.517 | 1.390 | 1.563 | 1.464 | 1.409 | 1.485 | 4.44 |
| 46) | | 1,1'-Biphenyl | 1.477 | 1.456 | 1.485 | 1.386 | 1.509 | 1.458 | 1.403 | 1.453 | 3.05 |
| 47) | | 2-Chloronaphth... | 1.123 | 1.104 | 1.135 | 1.069 | 1.171 | 1.136 | 1.081 | 1.117 | 3.16 |
| 48) | | 2-Nitroaniline | 0.289 | 0.324 | 0.344 | 0.346 | 0.371 | 0.374 | 0.355 | 0.343 | 8.59 |
| 49) | | Acenaphthylene | 1.880 | 1.851 | 1.892 | 1.768 | 1.939 | 1.904 | 1.805 | 1.863 | 3.19 |
| 50) | | Dimethylphthalate | 1.515 | 1.450 | 1.501 | 1.400 | 1.550 | 1.473 | 1.438 | 1.475 | 3.45 |
| 51) | | 2,6-Dinitrotol... | 0.299 | 0.301 | 0.326 | 0.312 | 0.339 | 0.333 | 0.317 | 0.318 | 4.86 |
| 52) | C | Acenaphthene | 1.106 | 1.064 | 1.090 | 1.020 | 1.087 | 1.069 | 1.036 | 1.067 | 2.86 |
| 53) | | 3-Nitroaniline | 0.263 | 0.292 | 0.337 | 0.338 | 0.367 | 0.364 | 0.349 | 0.330 | 11.74 |
| 54) | P | 2,4-Dinitrophenol | | 0.117 | 0.155 | 0.179 | 0.203 | 0.208 | 0.205 | 0.178 | 20.23 |
| 55) | | Dibenzofuran | 1.815 | 1.721 | 1.756 | 1.627 | 1.757 | 1.702 | 1.615 | 1.713 | 4.22 |
| 56) | P | 4-Nitrophenol | | 0.142 | 0.213 | 0.248 | 0.276 | 0.281 | 0.275 | 0.239 | 22.62 |
| 57) | | 2,4-Dinitrotol... | 0.390 | 0.416 | 0.457 | 0.437 | 0.487 | 0.470 | 0.458 | 0.445 | 7.45 |
| 58) | | Fluorene | 1.437 | 1.394 | 1.420 | 1.304 | 1.434 | 1.370 | 1.329 | 1.384 | 3.77 |
| 59) | | 2,3,4,6-Tetrac... | 0.343 | 0.350 | 0.360 | 0.354 | 0.395 | 0.381 | 0.370 | 0.365 | 5.04 |
| 60) | | Diethylphthalate | 1.501 | 1.474 | 1.487 | 1.393 | 1.545 | 1.444 | 1.449 | 1.470 | 3.27 |
| 61) | | 4-Chlorophenyl... | 0.711 | 0.668 | 0.689 | 0.637 | 0.709 | 0.665 | 0.658 | 0.677 | 4.06 |
| 62) | | 4-Nitroaniline | 0.239 | 0.235 | 0.307 | 0.311 | 0.336 | 0.333 | 0.334 | 0.299 | 14.69 |
| 63) | | Azobenzene | 1.346 | 1.334 | 1.394 | 1.300 | 1.425 | 1.335 | 1.307 | 1.349 | 3.37 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.102 | 0.125 | 0.130 | 0.147 | 0.143 | 0.142 | 0.131 | 12.78 |
| 66) | c | n-Nitrosodiphe... | 0.627 | 0.608 | 0.633 | 0.597 | 0.659 | 0.622 | 0.594 | 0.620 | 3.68 |
| 67) | | 4-Bromophenyl-... | 0.224 | 0.215 | 0.226 | 0.213 | 0.246 | 0.229 | 0.226 | 0.226 | 4.83 |
| 68) | | Hexachlorobenzene | 0.278 | 0.268 | 0.272 | 0.260 | 0.290 | 0.275 | 0.272 | 0.274 | 3.31 |
| 69) | | Atrazine | 0.213 | 0.212 | 0.231 | 0.217 | 0.244 | 0.228 | 0.228 | 0.225 | 5.16 |
| 70) | C | Pentachlorophenol | | 0.105 | 0.131 | 0.139 | 0.162 | 0.153 | 0.159 | 0.142 | 15.21 |
| 71) | | Phenanthrene | 1.158 | 1.108 | 1.110 | 1.056 | 1.161 | 1.102 | 1.041 | 1.105 | 4.12 |
| 72) | | Anthracene | 1.129 | 1.093 | 1.137 | 1.072 | 1.188 | 1.133 | 1.083 | 1.119 | 3.58 |
| 73) | | Carbazole | 1.023 | 1.013 | 1.057 | 0.998 | 1.112 | 1.052 | 1.007 | 1.038 | 3.83 |
| 74) | | Di-n-butylphth... | 1.178 | 1.245 | 1.326 | 1.272 | 1.421 | 1.273 | 1.284 | 1.285 | 5.81 |
| 75) | C | Fluoranthene | 1.300 | 1.287 | 1.307 | 1.223 | 1.344 | 1.268 | 1.238 | 1.281 | 3.25 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.512 | 0.669 | 0.653 | 0.690 | 0.663 | 0.529 | 0.619 | 12.54 |
| 78) | | Pyrene | 1.307 | 1.195 | 1.261 | 1.184 | 1.322 | 1.272 | 1.206 | 1.249 | 4.41 |
| 79) | S | Terphenyl-d14 | 1.178 | 1.073 | 1.146 | 1.089 | 1.164 | 1.120 | 1.039 | 1.116 | 4.57 |
| 80) | | Butylbenzylpht... | 0.508 | 0.529 | 0.581 | 0.561 | 0.641 | 0.596 | 0.589 | 0.572 | 7.74 |
| 81) | | Benzo(a)anthra... | 1.312 | 1.234 | 1.288 | 1.219 | 1.347 | 1.310 | 1.243 | 1.279 | 3.73 |
| 82) | | 3,3'-Dichlorob... | | 0.468 | 0.513 | 0.493 | 0.542 | 0.531 | 0.501 | 0.508 | 5.29 |
| 83) | | Chrysene | 1.252 | 1.174 | 1.229 | 1.144 | 1.279 | 1.238 | 1.168 | 1.212 | 4.13 |
| 84) | | Bis(2-ethylhex... | 0.715 | 0.780 | 0.846 | 0.797 | 0.921 | 0.831 | 0.850 | 0.820 | 7.87 |
| 85) | c | Di-n-octyl pht... | | 1.320 | 1.438 | 1.384 | 1.587 | 1.470 | 1.473 | 1.445 | 6.25 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.427 | 1.402 | 1.469 | 1.412 | 1.559 | 1.510 | 1.436 | 1.459 | 3.92 |
| 88) | | Benzo(b)fluora... | 1.103 | 1.104 | 1.133 | 1.127 | 1.232 | 1.180 | 1.133 | 1.145 | 4.06 |
| 89) | | Benzo(k)fluora... | 1.165 | 1.144 | 1.180 | 1.106 | 1.259 | 1.158 | 1.144 | 1.165 | 4.05 |
| 90) | C | Benzo(a)pyrene | 1.096 | 1.069 | 1.127 | 1.070 | 1.214 | 1.136 | 1.113 | 1.118 | 4.46 |
| 91) | | Dibenzo(a,h)an... | 1.151 | 1.143 | 1.202 | 1.143 | 1.279 | 1.224 | 1.172 | 1.188 | 4.25 |
| 92) | | Benzo(g,h,i)pe... | 1.172 | 1.127 | 1.183 | 1.136 | 1.261 | 1.214 | 1.157 | 1.179 | 3.95 |

(#) = Out of Range

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_F Calibration Date/Time: 06/06/2025 11:36

Lab File ID: BF142640.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.187 | 1.121 | | -5.6 | |
| Benzaldehyde | 0.859 | 0.766 | | -10.8 | |
| Phenol-d6 | 1.429 | 1.356 | | -5.1 | |
| Phenol | 1.608 | 1.531 | | -4.8 | 20.0 |
| bis(2-Chloroethyl)ether | 1.157 | 1.138 | | -1.6 | |
| 2-Chlorophenol | 1.293 | 1.241 | | -4.0 | |
| 2-Methylphenol | 1.010 | 0.964 | | -4.6 | |
| 2,2-oxybis(1-Chloropropane) | 1.944 | 1.880 | | -3.3 | |
| Acetophenone | 0.443 | 0.410 | | -7.4 | |
| 3+4-Methylphenols | 1.293 | 1.177 | | -9.0 | |
| n-Nitroso-di-n-propylamine | 0.886 | 0.812 | 0.050 | -8.4 | |
| Nitrobenzene-d5 | 0.367 | 0.343 | | -6.5 | |
| Hexachloroethane | 0.507 | 0.489 | | -3.5 | |
| Nitrobenzene | 0.331 | 0.311 | | -6.0 | |
| Isophorone | 0.613 | 0.566 | | -7.7 | |
| 2-Nitrophenol | 0.177 | 0.174 | | -1.7 | 20.0 |
| 2,4-Dimethylphenol | 0.312 | 0.292 | | -6.4 | |
| bis(2-Chloroethoxy)methane | 0.383 | 0.361 | | -5.7 | |
| 2,4-Dichlorophenol | 0.283 | 0.273 | | -3.5 | 20.0 |
| Naphthalene | 0.985 | 0.926 | | -6.0 | |
| 4-Chloroaniline | 0.399 | 0.381 | | -4.5 | |
| Hexachlorobutadiene | 0.192 | 0.181 | | -5.7 | 20.0 |
| Caprolactam | 0.080 | 0.071 | | -11.3 | |
| 4-Chloro-3-methylphenol | 0.291 | 0.262 | | -10.0 | 20.0 |
| 2-Methylnaphthalene | 0.620 | 0.577 | | -6.9 | |
| Hexachlorocyclopentadiene | 0.387 | 0.355 | 0.050 | -8.3 | |
| 2,4,6-Trichlorophenol | 0.387 | 0.375 | | -3.1 | 20.0 |
| 2-Fluorobiphenyl | 1.490 | 1.353 | | -9.2 | |
| 2,4,5-Trichlorophenol | 0.408 | 0.381 | | -6.6 | |
| 1,1-Biphenyl | 1.552 | 1.469 | | -5.3 | |
| 2-Chloronaphthalene | 1.146 | 1.112 | | -3.0 | |
| 2-Nitroaniline | 0.331 | 0.307 | | -7.3 | |
| Dimethylphthalate | 1.320 | 1.176 | | -10.9 | |
| Acenaphthylene | 1.936 | 1.812 | | -6.4 | |
| 2,6-Dinitrotoluene | 0.285 | 0.258 | | -9.5 | |
| 3-Nitroaniline | 0.311 | 0.273 | | -12.2 | |
| Acenaphthene | 1.182 | 1.087 | | -8.0 | 20.0 |
| 2,4-Dinitrophenol | 0.147 | 0.127 | 0.050 | -13.6 | |
| 4-Nitrophenol | 0.230 | 0.182 | 0.050 | -20.9 | |

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_F Calibration Date/Time: 06/06/2025 11:36

Lab File ID: BF142640.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.701 | 1.563 | | -8.1 | |
| 2,4-Dinitrotoluene | 0.372 | 0.330 | | -11.3 | |
| Diethylphthalate | 1.289 | 1.095 | | -15.1 | |
| 4-Chlorophenyl-phenylether | 0.646 | 0.584 | | -9.6 | |
| Fluorene | 1.314 | 1.186 | | -9.7 | |
| 4-Nitroaniline | 0.282 | 0.233 | | -17.4 | |
| 4,6-Dinitro-2-methylphenol | 0.112 | 0.113 | | 0.9 | |
| n-Nitrosodiphenylamine | 0.684 | 0.680 | | -0.6 | 20.0 |
| 2,4,6-Tribromophenol | 0.222 | 0.192 | | -13.5 | |
| 4-Bromophenyl-phenylether | 0.236 | 0.239 | | 1.3 | |
| Hexachlorobenzene | 0.262 | 0.263 | | 0.4 | |
| Atrazine | 0.182 | 0.168 | | -7.7 | |
| Pentachlorophenol | 0.148 | 0.135 | | -8.8 | 20.0 |
| Phenanthrene | 1.069 | 1.013 | | -5.2 | |
| Anthracene | 1.091 | 1.048 | | -3.9 | |
| Carbazole | 0.933 | 0.847 | | -9.2 | |
| Di-n-butylphthalate | 1.021 | 0.903 | | -11.6 | |
| Fluoranthene | 0.999 | 0.880 | | -11.9 | 20.0 |
| Pyrene | 1.866 | 1.563 | | -16.2 | |
| Terphenyl-d14 | 1.464 | 1.196 | | -18.3 | |
| Butylbenzylphthalate | 0.516 | 0.527 | | 2.1 | |
| 3,3-Dichlorobenzidine | 0.405 | 0.465 | | 14.8 | |
| Benzo(a)anthracene | 1.336 | 1.219 | | -8.8 | |
| Chrysene | 1.200 | 1.183 | | -1.4 | |
| Bis(2-ethylhexyl)phthalate | 0.660 | 0.831 | | 25.9 | |
| Di-n-octyl phthalate | 1.290 | 1.594 | | 23.6 | 20.0 |
| Benzo(b)fluoranthene | 1.184 | 1.106 | | -6.6 | |
| Benzo(k)fluoranthene | 1.109 | 0.999 | | -9.9 | |
| Benzo(a)pyrene | 1.116 | 1.052 | | -5.7 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.501 | 1.380 | | -8.1 | |
| Dibenzo(a,h)anthracene | 1.218 | 1.119 | | -8.1 | |
| Benzo(g,h,i)perylene | 1.218 | 1.111 | | -8.8 | |
| 1,2,4,5-Tetrachlorobenzene | 0.574 | 0.558 | | -2.8 | |
| 1,4-Dioxane | 0.475 | 0.477 | | 0.4 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.341 | 0.306 | | -10.3 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_M Calibration Date/Time: 06/10/2025 04:48

Lab File ID: BM050262.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.199 | 1.232 | | 2.8 | |
| Benzaldehyde | 0.995 | 0.967 | | -2.8 | |
| Phenol-d6 | 1.578 | 1.600 | | 1.4 | |
| Phenol | 1.670 | 1.704 | | 2.0 | 20.0 |
| bis(2-Chloroethyl)ether | 1.343 | 1.373 | | 2.2 | |
| 2-Chlorophenol | 1.319 | 1.338 | | 1.4 | |
| 2-Methylphenol | 1.102 | 1.105 | | 0.3 | |
| 2,2-oxybis(1-Chloropropane) | 0.933 | 1.118 | | 19.8 | |
| Acetophenone | 0.500 | 0.498 | | -0.4 | |
| 3+4-Methylphenols | 1.474 | 1.472 | | -0.1 | |
| n-Nitroso-di-n-propylamine | 0.983 | 1.010 | 0.050 | 2.7 | |
| Nitrobenzene-d5 | 0.385 | 0.405 | | 5.2 | |
| Hexachloroethane | 0.555 | 0.579 | | 4.3 | |
| Nitrobenzene | 0.350 | 0.366 | | 4.6 | |
| Isophorone | 0.664 | 0.664 | | 0.0 | |
| 2-Nitrophenol | 0.151 | 0.156 | | 3.3 | 20.0 |
| 2,4-Dimethylphenol | 0.310 | 0.307 | | -1.0 | |
| bis(2-Chloroethoxy)methane | 0.434 | 0.449 | | 3.5 | |
| 2,4-Dichlorophenol | 0.287 | 0.284 | | -1.0 | 20.0 |
| Naphthalene | 1.034 | 1.006 | | -2.7 | |
| 4-Chloroaniline | 0.441 | 0.433 | | -1.8 | |
| Hexachlorobutadiene | 0.190 | 0.181 | | -4.7 | 20.0 |
| Caprolactam | 0.091 | 0.088 | | -3.3 | |
| 4-Chloro-3-methylphenol | 0.306 | 0.302 | | -1.3 | 20.0 |
| 2-Methylnaphthalene | 0.624 | 0.605 | | -3.0 | |
| Hexachlorocyclopentadiene | 0.351 | 0.358 | 0.050 | 2.0 | |
| 2,4,6-Trichlorophenol | 0.380 | 0.384 | | 1.1 | 20.0 |
| 2-Fluorobiphenyl | 1.477 | 1.442 | | -2.4 | |
| 2,4,5-Trichlorophenol | 0.417 | 0.418 | | 0.2 | |
| 1,1-Biphenyl | 1.498 | 1.476 | | -1.5 | |
| 2-Chloronaphthalene | 1.164 | 1.145 | | -1.6 | |
| 2-Nitroaniline | 0.256 | 0.296 | | 15.6 | |
| Dimethylphthalate | 1.353 | 1.338 | | -1.1 | |
| Acenaphthylene | 1.883 | 1.863 | | -1.1 | |
| 2,6-Dinitrotoluene | 0.273 | 0.287 | | 5.1 | |
| 3-Nitroaniline | 0.304 | 0.322 | | 5.9 | |
| Acenaphthene | 1.178 | 1.097 | | -6.9 | 20.0 |
| 2,4-Dinitrophenol | 0.146 | 0.058 | 0.050 | -60.3 | |
| 4-Nitrophenol | 0.259 | 0.266 | 0.050 | 2.7 | |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_M Calibration Date/Time: 06/10/2025 04:48

Lab File ID: BM050262.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.723 | 1.686 | | -2.1 | |
| 2,4-Dinitrotoluene | 0.360 | 0.377 | | 4.7 | |
| Diethylphthalate | 1.342 | 1.344 | | 0.1 | |
| 4-Chlorophenyl-phenylether | 0.638 | 0.622 | | -2.5 | |
| Fluorene | 1.320 | 1.281 | | -3.0 | |
| 4-Nitroaniline | 0.285 | 0.303 | | 6.3 | |
| 4,6-Dinitro-2-methylphenol | 0.109 | 0.068 | | -37.6 | |
| n-Nitrosodiphenylamine | 0.628 | 0.624 | | -0.6 | 20.0 |
| 2,4,6-Tribromophenol | 0.227 | 0.228 | | 0.4 | |
| 4-Bromophenyl-phenylether | 0.213 | 0.212 | | -0.5 | |
| Hexachlorobenzene | 0.249 | 0.248 | | -0.4 | |
| Atrazine | 0.200 | 0.207 | | 3.5 | |
| Pentachlorophenol | 0.162 | 0.224 | | 38.3 | 20.0 |
| Phenanthrene | 1.143 | 1.117 | | -2.3 | |
| Anthracene | 1.143 | 1.125 | | -1.6 | |
| Carbazole | 1.041 | 1.038 | | -0.3 | |
| Di-n-butylphthalate | 1.133 | 1.226 | | 8.2 | |
| Fluoranthene | 1.205 | 1.223 | | 1.5 | 20.0 |
| Pyrene | 1.348 | 1.288 | | -4.5 | |
| Terphenyl-d14 | 1.055 | 1.019 | | -3.4 | |
| Butylbenzylphthalate | 0.450 | 0.493 | | 9.6 | |
| 3,3-Dichlorobenzidine | 0.386 | 0.426 | | 10.4 | |
| Benzo(a)anthracene | 1.266 | 1.246 | | -1.6 | |
| Chrysene | 1.204 | 1.189 | | -1.2 | |
| Bis(2-ethylhexyl)phthalate | 0.693 | 0.784 | | 13.1 | |
| Di-n-octyl phthalate | 1.028 | 1.197 | | 16.4 | 20.0 |
| Benzo(b)fluoranthene | 1.163 | 1.171 | | 0.7 | |
| Benzo(k)fluoranthene | 1.187 | 1.165 | | -1.9 | |
| Benzo(a)pyrene | 1.093 | 1.115 | | 2.0 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.288 | 1.368 | | 6.2 | |
| Dibenzo(a,h)anthracene | 1.045 | 1.119 | | 7.1 | |
| Benzo(g,h,i)perylene | 1.046 | 1.121 | | 7.2 | |
| 1,2,4,5-Tetrachlorobenzene | 0.578 | 0.570 | | -1.4 | |
| 1,4-Dioxane | 0.526 | 0.542 | | 3.0 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.361 | 0.354 | | -1.9 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.198 | 1.175 | | -1.9 | |
| Benzaldehyde | 0.914 | 0.893 | | -2.3 | |
| Phenol-d6 | 1.585 | 1.601 | | 1.0 | |
| Phenol | 1.634 | 1.666 | | 2.0 | 20.0 |
| bis(2-Chloroethyl)ether | 1.285 | 1.280 | | -0.4 | |
| 2-Chlorophenol | 1.358 | 1.342 | | -1.2 | |
| 2-Methylphenol | 1.141 | 1.152 | | 1.0 | |
| 2,2-oxybis(1-Chloropropane) | 1.682 | 1.631 | | -3.0 | |
| Acetophenone | 0.505 | 0.492 | | -2.6 | |
| 3+4-Methylphenols | 1.557 | 1.575 | | 1.2 | |
| n-Nitroso-di-n-propylamine | 1.078 | 1.088 | 0.050 | 0.9 | |
| Nitrobenzene-d5 | 0.412 | 0.405 | | -1.7 | |
| Hexachloroethane | 0.576 | 0.542 | | -5.9 | |
| Nitrobenzene | 0.366 | 0.359 | | -1.9 | |
| Isophorone | 0.713 | 0.693 | | -2.8 | |
| 2-Nitrophenol | 0.180 | 0.181 | | 0.6 | 20.0 |
| 2,4-Dimethylphenol | 0.309 | 0.303 | | -1.9 | |
| bis(2-Chloroethoxy)methane | 0.426 | 0.409 | | -4.0 | |
| 2,4-Dichlorophenol | 0.296 | 0.296 | | 0.0 | 20.0 |
| Naphthalene | 1.025 | 0.984 | | -4.0 | |
| 4-Chloroaniline | 0.429 | 0.434 | | 1.2 | |
| Hexachlorobutadiene | 0.201 | 0.187 | | -7.0 | 20.0 |
| Caprolactam | 0.109 | 0.112 | | 2.8 | |
| 4-Chloro-3-methylphenol | 0.342 | 0.347 | | 1.5 | 20.0 |
| 2-Methylnaphthalene | 0.650 | 0.642 | | -1.2 | |
| Hexachlorocyclopentadiene | 0.346 | 0.332 | 0.050 | -4.0 | |
| 2,4,6-Trichlorophenol | 0.381 | 0.373 | | -2.1 | 20.0 |
| 2-Fluorobiphenyl | 1.485 | 1.394 | | -6.1 | |
| 2,4,5-Trichlorophenol | 0.408 | 0.416 | | 2.0 | |
| 1,1-Biphenyl | 1.453 | 1.381 | | -5.0 | |
| 2-Chloronaphthalene | 1.117 | 1.069 | | -4.3 | |
| 2-Nitroaniline | 0.343 | 0.351 | | 2.3 | |
| Dimethylphthalate | 1.475 | 1.400 | | -5.1 | |
| Acenaphthylene | 1.863 | 1.770 | | -5.0 | |
| 2,6-Dinitrotoluene | 0.318 | 0.308 | | -3.1 | |
| 3-Nitroaniline | 0.330 | 0.343 | | 3.9 | |
| Acenaphthene | 1.067 | 1.029 | | -3.6 | 20.0 |
| 2,4-Dinitrophenol | 0.178 | 0.182 | 0.050 | 2.2 | |
| 4-Nitrophenol | 0.239 | 0.252 | 0.050 | 5.4 | |

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2202 SAS No.: Q2202 SDG No.: Q2202

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Dibenzofuran | 1.713 | 1.630 | | -4.8 | |
| 2,4-Dinitrotoluene | 0.445 | 0.443 | | -0.4 | |
| Diethylphthalate | 1.470 | 1.395 | | -5.1 | |
| 4-Chlorophenyl-phenylether | 0.677 | 0.627 | | -7.4 | |
| Fluorene | 1.384 | 1.326 | | -4.2 | |
| 4-Nitroaniline | 0.299 | 0.327 | | 9.4 | |
| 4,6-Dinitro-2-methylphenol | 0.131 | 0.131 | | 0.0 | |
| n-Nitrosodiphenylamine | 0.620 | 0.596 | | -3.9 | 20.0 |
| 2,4,6-Tribromophenol | 0.277 | 0.273 | | -1.4 | |
| 4-Bromophenyl-phenylether | 0.226 | 0.216 | | -4.4 | |
| Hexachlorobenzene | 0.274 | 0.261 | | -4.7 | |
| Atrazine | 0.225 | 0.214 | | -4.9 | |
| Pentachlorophenol | 0.142 | 0.150 | | 5.6 | 20.0 |
| Phenanthrene | 1.105 | 1.056 | | -4.4 | |
| Anthracene | 1.119 | 1.067 | | -4.6 | |
| Carbazole | 1.038 | 1.005 | | -3.2 | |
| Di-n-butylphthalate | 1.285 | 1.195 | | -7.0 | |
| Fluoranthene | 1.281 | 1.200 | | -6.3 | 20.0 |
| Pyrene | 1.249 | 1.182 | | -5.4 | |
| Terphenyl-d14 | 1.116 | 1.046 | | -6.3 | |
| Butylbenzylphthalate | 0.572 | 0.544 | | -4.9 | |
| 3,3-Dichlorobenzidine | 0.508 | 0.491 | | -3.3 | |
| Benzo(a)anthracene | 1.279 | 1.229 | | -3.9 | |
| Chrysene | 1.212 | 1.154 | | -4.8 | |
| Bis(2-ethylhexyl)phthalate | 0.820 | 0.772 | | -5.9 | |
| Di-n-octyl phthalate | 1.445 | 1.351 | | -6.5 | 20.0 |
| Benzo(b)fluoranthene | 1.145 | 1.096 | | -4.3 | |
| Benzo(k)fluoranthene | 1.165 | 1.086 | | -6.8 | |
| Benzo(a)pyrene | 1.118 | 1.057 | | -5.5 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.459 | 1.436 | | -1.6 | |
| Dibenzo(a,h)anthracene | 1.188 | 1.170 | | -1.5 | |
| Benzo(g,h,i)perylene | 1.179 | 1.158 | | -1.8 | |
| 1,2,4,5-Tetrachlorobenzene | 0.568 | 0.541 | | -4.8 | |
| 1,4-Dioxane | 0.527 | 0.520 | | -1.3 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.365 | 0.364 | | -0.3 | |

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2202 | **OrderDate:** | 6/4/2025 11:59:00 AM |
| **Client:** | PARSONS Engineering of New York, Inc. | **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 |
| **Contact:** | Stephen Liberatore | **Location:** | N31,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2202-01** | **MW-9-20250603** | **WATER** | | | **06/03/25 14:00** | | | **06/03/25** |
| | | | Sulfate | 300.0 | | | 06/04/25 12:46 | |
| | | | TDS | SM2540 C | | | 06/04/25 12:30 | |
| **Q2202-01DL** | **MW-9-20250603DL** | **WATER** | | | **06/03/25 14:00** | | | **06/03/25** |
| | | | Sulfate | 300.0 | | | 06/04/25 13:29 | |
| **Q2202-05** | **MW-1A-20250603** | **WATER** | | | **06/03/25 15:20** | | | **06/03/25** |
| | | | Sulfate | 300.0 | | | 06/04/25 13:08 | |
| | | | TDS | SM2540 C | | | 06/04/25 12:30 | |

# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 14:00 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-9-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-01 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 80.4 | OR | 1 | 0.46 | 3.00 | mg/L | | 06/04/25 12:46 | 300.0 |
| TDS | 349 | | 1 | 1.00 | 10.0 | mg/L | | 06/04/25 12:30 | SM 2540 C-15 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 14:00 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-9-20250603DL | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-01DL | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 74.0 | D | 5 | 2.30 | 15.0 | mg/L | | 06/04/25 13:29 | 300.0 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | PARSONS Engineering of New York, Inc. | Date Collected: | 06/03/25 15:20 |
| Project: | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received: | 06/03/25 |
| Client Sample ID: | MW-1A-20250603 | SDG No.: | Q2202 |
| Lab Sample ID: | Q2202-05 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|
| Sulfate | 9.10 | | 1 | 0.46 | 3.00 | mg/L | | 06/04/25 13:08 | 300.0 |
| TDS | 53.0 | | 1 | 1.00 | 10.0 | mg/L | | 06/04/25 12:30 | SM 2540 C-15 |

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

# QC RESULT SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Initial and Continuing Calibration Verification

| | | | |
|---|---|---|---|
| **Client:** | PARSONS Engineering of New York, Inc. | **SDG No.:** | Q2202 |
| **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | **RunNo.:** | LB135991 |

| Analyte | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|
| **Sample ID: ICV1** | | | | | | |
| Bromide | mg/L | 10.2 | 10 | 102 | 90-110 | 05/22/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 05/22/2025 |
| Fluoride | mg/L | 2.1 | 2 | 105 | 90-110 | 05/22/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 05/22/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 05/22/2025 |
| Sulfate | mg/L | 15.1 | 15 | 101 | 90-110 | 05/22/2025 |
| Orthophosphate as P | mg/L | 5.3 | 5 | 106 | 90-110 | 05/22/2025 |
| **Sample ID: CCV1** | | | | | | |
| Bromide | mg/L | 10.5 | 10 | 105 | 90-110 | 06/03/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 06/03/2025 |
| Fluoride | mg/L | 2.1 | 2 | 105 | 90-110 | 06/03/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 06/03/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 06/03/2025 |
| Sulfate | mg/L | 15.5 | 15 | 103 | 90-110 | 06/03/2025 |
| Orthophosphate as P | mg/L | 5.2 | 5 | 104 | 90-110 | 06/03/2025 |
| **Sample ID: CCV2** | | | | | | |
| Bromide | mg/L | 10.5 | 10 | 105 | 90-110 | 06/03/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 06/03/2025 |
| Fluoride | mg/L | 2.1 | 2 | 105 | 90-110 | 06/03/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 06/03/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 06/03/2025 |
| Sulfate | mg/L | 15.6 | 15 | 104 | 90-110 | 06/03/2025 |
| Orthophosphate as P | mg/L | 5.4 | 5 | 108 | 90-110 | 06/03/2025 |
| **Sample ID: CCV3** | | | | | | |
| Bromide | mg/L | 10.6 | 10 | 106 | 90-110 | 06/04/2025 |
| Chloride | mg/L | 3.2 | 3 | 107 | 90-110 | 06/04/2025 |
| Fluoride | mg/L | 2.1 | 2 | 105 | 90-110 | 06/04/2025 |
| Nitrite | mg/L | 3.2 | 3 | 107 | 90-110 | 06/04/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 06/04/2025 |
| Sulfate | mg/L | 15.7 | 15 | 105 | 90-110 | 06/04/2025 |
| Orthophosphate as P | mg/L | 5.2 | 5 | 104 | 90-110 | 06/04/2025 |
| **Sample ID: CCV4** | | | | | | |
| Bromide | mg/L | 10.4 | 10 | 104 | 90-110 | 06/04/2025 |
| Chloride | mg/L | 3.1 | 3 | 103 | 90-110 | 06/04/2025 |
| Fluoride | mg/L | 2.1 | 2 | 105 | 90-110 | 06/04/2025 |
| Nitrite | mg/L | 3.1 | 3 | 103 | 90-110 | 06/04/2025 |
| Nitrate | mg/L | 2.6 | 2.5 | 104 | 90-110 | 06/04/2025 |
| Sulfate | mg/L | 15.4 | 15 | 103 | 90-110 | 06/04/2025 |

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Fax : 908 789 8922



# Initial and Continuing Calibration Verification

| | | | |
|---|---|---|---|
| **Client:** | PARSONS Engineering of New York, Inc. | **SDG No.:** | Q2202 |
| **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | **RunNo.:** | LB135991 |

| Analyte | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|
| Orthophosphate as P | mg/L | 5.3 | 5 | 106 | 90-110 | 06/04/2025 |

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Fax : 908 789 8922



# Initial and Continuing Calibration Blank Summary

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2202

**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05 **RunNo.:** LB135991

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Sample ID: ICB1** | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 05/22/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 05/22/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 05/22/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 05/22/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 05/22/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 05/22/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 05/22/2025 |
| **Sample ID: CCB1** | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/03/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/03/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/03/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/03/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/03/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/03/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/03/2025 |
| **Sample ID: CCB2** | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/03/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/03/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/03/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/03/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/03/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/03/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/03/2025 |
| **Sample ID: CCB3** | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/04/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/04/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/04/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/04/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/04/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/04/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/04/2025 |
| **Sample ID: CCB4** | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/04/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/04/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/04/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/04/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/04/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/04/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/04/2025 |

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# Preparation Blank Summary

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2202

**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05

| Analyte | Units | Result | Acceptance Limits | Conc Qual | MDL | RDL | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Sample ID:** LB135991BLW | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/03/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/03/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/03/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/03/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/03/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/03/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/03/2025 |
| **Sample ID:** LB135991BLW2 | | | | | | | |
| Bromide | mg/L | < 1.0000 | 1.0000 | U | 0.37 | 2 | 06/04/2025 |
| Chloride | mg/L | < 0.3000 | 0.3000 | U | 0.19 | 0.6 | 06/04/2025 |
| Fluoride | mg/L | < 0.2000 | 0.2000 | U | 0.11 | 0.4 | 06/04/2025 |
| Nitrite | mg/L | < 0.3000 | 0.3000 | U | 0.074 | 0.6 | 06/04/2025 |
| Nitrate | mg/L | < 0.2500 | 0.2500 | U | 0.095 | 0.5 | 06/04/2025 |
| Sulfate | mg/L | < 1.5000 | 1.5000 | U | 0.46 | 3 | 06/04/2025 |
| Orthophosphate as P | mg/L | < 0.5000 | 0.5000 | U | 0.34 | 1 | 06/04/2025 |
| **Sample ID:** LB136008BL | | | | | | | |
| TDS | mg/L | < 5.0000 | 5.0000 | U | 1.0 | 10 | 06/04/2025 |

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# Matrix Spike Summary

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2202

**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05 **Sample ID:** Q2189-01

**Client ID:** MW-7-20250602MS **Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | mg/L | 80-120 | 10.5 | | 0.43 | J | 10 | 1 | 101 | | 06/03/2025 |
| Chloride | mg/L | 80-120 | 445 | OR | 462 | OR | 3 | 1 | -567 | * | 06/03/2025 |
| Fluoride | mg/L | 80-120 | 2.10 | | 0.11 | U | 2 | 1 | 105 | | 06/03/2025 |
| Nitrite | mg/L | 80-120 | 3.00 | | 0.074 | U | 3 | 1 | 100 | | 06/03/2025 |
| Nitrate | mg/L | 80-120 | 11.6 | OR | 9.20 | OR | 2.5 | 1 | 96 | | 06/03/2025 |
| Sulfate | mg/L | 80-120 | 78.3 | OR | 64.2 | OR | 15 | 1 | 94 | | 06/03/2025 |
| Orthophosphate as P | mg/L | 80-120 | 5.20 | | 0.34 | U | 5 | 1 | 104 | | 06/03/2025 |

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Fax : 908 789 8922



# Matrix Spike Summary



**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2202

**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05 **Sample ID:** Q2189-01

**Client ID:** MW-7-20250602MSD **Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit %R | Spiked Result | Conc. Qualifier | Sample Result | Conc. Qualifier | Spike Added | Dilution Factor | % Rec | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | mg/L | 80-120 | 10.5 | | 0.43 | J | 10 | 1 | 101 | | 06/03/2025 |
| Chloride | mg/L | 80-120 | 444 | OR | 462 | OR | 3 | 1 | -600 | * | 06/03/2025 |
| Fluoride | mg/L | 80-120 | 2.10 | | 0.11 | U | 2 | 1 | 105 | | 06/03/2025 |
| Nitrite | mg/L | 80-120 | 3.00 | | 0.074 | U | 3 | 1 | 100 | | 06/03/2025 |
| Nitrate | mg/L | 80-120 | 11.6 | OR | 9.20 | OR | 2.5 | 1 | 96 | | 06/03/2025 |
| Sulfate | mg/L | 80-120 | 78.3 | OR | 64.2 | OR | 15 | 1 | 94 | | 06/03/2025 |
| Orthophosphate as P | mg/L | 80-120 | 5.20 | | 0.34 | U | 5 | 1 | 104 | | 06/03/2025 |

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Fax : 908 789 8922



# Duplicate Sample Summary

**Client:** PARSONS Engineering of New York, Inc.
**SDG No.:** Q2202
**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05
**Sample ID:** Q2189-01
**Client ID:** MW-7-20250602MSD
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromide | mg/L | +/-20 | 10.5 | | 10.5 | | 1 | 0 | | 06/03/2025 |
| Fluoride | mg/L | +/-20 | 2.10 | | 2.10 | | 1 | 0 | | 06/03/2025 |
| Nitrite | mg/L | +/-20 | 3.00 | | 3.00 | | 1 | 0 | | 06/03/2025 |
| Orthophosphate as P | mg/L | +/-20 | 5.20 | | 5.20 | | 1 | 0 | | 06/03/2025 |
| Chloride | mg/L | +/-20 | 445 | OR | 444 | OR | 1 | 0 | | 06/03/2025 |
| Nitrate | mg/L | +/-20 | 11.6 | OR | 11.6 | OR | 1 | 0 | | 06/03/2025 |
| Sulfate | mg/L | +/-20 | 78.3 | OR | 78.3 | OR | 1 | 0 | | 06/03/2025 |

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# Duplicate Sample Summary

**Client:** PARSONS Engineering of New York, Inc.
**SDG No.:** Q2202
**Project:** Con Ed Non MGP – Atlantic Ave 453957.600024.05
**Sample ID:** Q2189-02
**Client ID:** MW-8-20250602DUP
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| TDS | mg/L | +/-5 | 562 | | 543 | | 1 | 3.44 | | 06/04/2025 |

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# Laboratory Control Sample Summary

| | | | |
|---|---|---|---|
| **Client:** | PARSONS Engineering of New York, Inc. | **SDG No.:** | Q2202 |
| **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | **Run No.:** | LB135991 |

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB135991BSW | | | | | | | | |
| Bromide | mg/L | 10 | 10.5 | | 105 | 1 | 90-110 | 06/03/2025 |
| Chloride | mg/L | 3 | 3.10 | | 103 | 1 | 90-110 | 06/03/2025 |
| Fluoride | mg/L | 2 | 2.10 | | 105 | 1 | 90-110 | 06/03/2025 |
| Nitrite | mg/L | 3 | 3.10 | | 103 | 1 | 90-110 | 06/03/2025 |
| Nitrate | mg/L | 2.5 | 2.60 | | 104 | 1 | 90-110 | 06/03/2025 |
| Sulfate | mg/L | 15 | 15.5 | | 103 | 1 | 90-110 | 06/03/2025 |
| Orthophosphate as P | mg/L | 5 | 5.30 | | 106 | 1 | 90-110 | 06/03/2025 |

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Fax : 908 789 8922



# Laboratory Control Sample Summary

| | | | |
|---|---|---|---|
| **Client:** | PARSONS Engineering of New York, Inc. | **SDG No.:** | Q2202 |
| **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | **Run No.:** | LB135991 |

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB135991BSW2 | | | | | | | | |
| Bromide | mg/L | 10 | 10.7 | | 107 | 1 | 90-110 | 06/04/2025 |
| Chloride | mg/L | 3 | 3.20 | | 107 | 1 | 90-110 | 06/04/2025 |
| Fluoride | mg/L | 2 | 2.20 | | 110 | 1 | 90-110 | 06/04/2025 |
| Nitrite | mg/L | 3 | 3.20 | | 107 | 1 | 90-110 | 06/04/2025 |
| Nitrate | mg/L | 2.5 | 2.70 | | 108 | 1 | 90-110 | 06/04/2025 |
| Sulfate | mg/L | 15 | 15.8 | | 105 | 1 | 90-110 | 06/04/2025 |
| Orthophosphate as P | mg/L | 5 | 5.40 | | 108 | 1 | 90-110 | 06/04/2025 |

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# Laboratory Control Sample Summary

| | | | |
|---|---|---|---|
| **Client:** | PARSONS Engineering of New York, Inc. | **SDG No.:** | Q2202 |
| **Project:** | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | **Run No.:** | LB136008 |

| Analyte | Units | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---|---|---|---|---|---|---|---|---|
| **Sample ID** LB136008BS | | | | | | | | |
| TDS | mg/L | 100 | 95.0 | | 95 | 1 | 90-110 | 06/04/2025 |

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2202
COC Number 2046474

8
8.1

## CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX: NA

## CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957-01000 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: Stephen.Liberatore@parsons.com
PHONE: 315-418-8767 FAX: NA

## CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd
CITY Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore PHONE: 315-418-8767

## DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

## DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ Level 2 (Results + QC)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

## ANALYSIS

1. VOCs + TICs
2. SVOCs + TICs
3. Sulfate
4. TDS
5.
6.
7.
8.
9.

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | A | E | E | E | | | | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER |
| 1. | MW-9_20250603 | W | | X | 6/3/25 | 1400 | 4 | X | | X | X | | | | | | |
| 2. | MW-11_20250603 | W | | X | 6/3/25 | 0940 | 2 | X | | | | | | | | | |
| 3. | MW-12_20250603 | W | | X | 6/3/25 | 1245 | 3 | X | X | | | | | | | | |
| 4. | MW-13D_20250603 | W | | X | 6/3/25 | 1120 | 2 | X | | | | | | | | | |
| 5. | MW-1A_20250603 | W | | X | 6/3/25 | 1520 | 4 | X | | X | X | | | | | | |
| 6. | TB_20250603 | W | | X | 6/3/25 | — | 2 | X | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | |

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

| | DATE/TIME | | DATE/TIME |
|---|---|---|---|
| RELINQUISHED BY SAMPLER: 1. | 6/3/25 1710 | RECEIVED BY: 1. | 6-3-25 1710 |
| RELINQUISHED BY SAMPLER: 2. | DATE/TIME: | RECEIVED BY: 2. | |
| RELINQUISHED BY SAMPLER: 3. | 6-3-25 1902 | RECEIVED BY: 3. | |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.1 °C
Comments: Please CC kirsten.valentini@parsons.com

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO


WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| CAS EPA CLP Contract | 68HERH20D0011 |
| Connecticut | PH-0830 |
| DOD ELAP (ANAB) | L2219 |
| Maine | 2024021 |
| Maryland | 296 |
| New Hampshire | 255424 Rev 1 |
| New Jersey | 20012 |
| New York | 11376 |
| Pennsylvania | 68-00548 |
| Soil Permit | 525-24-234-08441 |
| Texas | T104704488 |

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2202 PARS02
**Client Name :** PARSONS Engineering of N
**Client Contact :** Stephen Liberatore
**Invoice Name :** PARSONS Engineering of N
**Invoice Contact :** Stephen Liberatore

**Order Date :** 6/4/2025 11:59:00 AM
**Project Name :** Con Ed Non MGP – Atlanti
**Receive DateTime :** 6/3/2025 7:02:00 PM
**Purchase Order :**

**Project Mgr :**
**Report Type :** ~~NYS ASP B~~ level 2
**EDD Type :** Excel NY
**Hard Copy Date :**
**Date Signoff :**

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q2202-01 | MW-9-20250603 | Water | 06/03/2025 | 14:00 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |
| Q2202-02 | MW-11-20250603 | Water | 06/03/2025 | 09:40 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |
| Q2202-03 | MW-12-20250603 | Water | 06/03/2025 | 12:45 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |
| Q2202-04 | MW-13D-20250603 ~~MW-130-20250603~~ | Water | 06/03/2025 | 11:20 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |
| Q2202-05 | MW-1A-20250603 | Water | 06/03/2025 | 15:20 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |
| Q2202-06 | TB-20250603 | Water | 06/03/2025 | 00:00 | | | | | |
| | | | | | VOCMS Group1 | | 8260-Low | | 10 Bus. Days |

DP 06/18/25

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922



# LOGIN REPORT/SAMPLE TRANSFER

| | | | | | |
|---|---|---|---|---|---|
| **Order ID :** | Q2202 PARS02 | **Order Date :** | 6/4/2025 11:59:00 AM | **Project Mgr :** | |
| **Client Name :** | PARSONS Engineering of N | **Project Name :** | Con Ed Non MGP – Atlanti | **Report Type :** | ~~NYS ASP B~~ level 2 |
| **Client Contact :** | Stephen Liberatore | **Receive DateTime :** | 6/3/2025 7:02:00 PM | **EDD Type :** | Excel NY |
| **Invoice Name :** | PARSONS Engineering of N | **Purchase Order :** | | **Hard Copy Date :** | |
| **Invoice Contact :** | Stephen Liberatore | | | **Date Signoff :** | |

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|

**Relinguished By :** [signature]
**Date / Time :** 6/4/25 1225

**Received By :** [signature]
**Date / Time :** 06/04/25 12:25 AS/4

**Storage Area :** VOA Refridgerator Room