

## **ANALYTICAL RESULTS SUMMARY**

GENERAL CHEMISTRY  
METALS  
GC SEMI-VOLATILES  
SEMI-VOLATILE ORGANICS  
VOLATILE ORGANICS

**PROJECT NAME : CON EDISON - EAST RIVER SITE 2**

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

**301 Plainfield Road**

**Suite 350**

**Syracuse, NY - 13212**

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

**ORDER ID : Q2592**

**ATTENTION : Zohar Lavy**



**Laboratory Certification ID # 20012**



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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

| NYSDEC Sample<br>ID/Code | Laboratory Sample<br>ID/Code | VOA GC/MS<br>(Method #) | BNA GC/MS<br>(Method #) | VOA GC<br>(Method #) | Pest PCBs<br>(Method #)             | Metals<br>(Method #)      | Other<br>(Method #)                        |
|--------------------------|------------------------------|-------------------------|-------------------------|----------------------|-------------------------------------|---------------------------|--------------------------------------------|
| WC-SOIL-20250711         | Q2592-01                     | 8260D                   | 8270E                   |                      | 8015D,<br>8082A                     | 6010D,<br>7471B           | 9045D, Chemtech -SOP                       |
| WC-SOIL-20250711         | Q2592-02                     | 8260D                   | 8270E                   |                      | 8015D,<br>8082A,<br>8081B,<br>8151A | 6010D,<br>7471B,<br>7470A | 9045D, Chemtech -SOP,<br>1030, 9012B, 9034 |

8151A

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIa

## SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-01             | SOIL   | 07/11/25       | 07/11/25          | 07/15/25       | 07/16/25      |

\* Details For Test : SVOCMS Group1

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIa

## SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-02             | TCLP   | 07/11/25       | 07/11/25          | 07/16/25       | 07/16/25      |

\* Details For Test : TCLP BNA

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-02             | TCLP   | 07/11/25       | 07/11/25          |                | 07/16/25      |

\* Details For Test : TCLP VOA

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-01             | SOIL   | 07/11/25       | 07/11/25          |                | 07/14/25      |

\* Details For Test : VOCMS Group1

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIc

## SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-01             | SOIL   | 07/11/25       | 07/11/25          | 07/15/25       | 07/15/25      |

\* Details For Test : PCB Group1

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIc

## SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-02             | TCLP   | 07/11/25       | 07/11/25          | 07/16/25       | 07/17/25      |

\* Details For Test : TCLP Herbicide

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIc

## SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-02             | TCLP   | 07/11/25       | 07/11/25          | 07/16/25       | 07/18/25      |

\* Details For Test : TCLP Pesticide



## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IIc

## SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

| Laboratory Sample ID | Matrix | Date Collected | Date Rec'd at Lab | Date Extracted | Date Analyzed |
|----------------------|--------|----------------|-------------------|----------------|---------------|
| Q2592-01             | SOIL   | 07/11/25       | 07/11/25          | 07/17/25       | 07/18/25      |

\* Details For Test : TPH GC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-01             | Solid  | 8270E               | 3541              |                   |                 |
| Q2592-02             | Solid  | 8270E               | 1311              |                   |                 |

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-01             | Solid  | 8260D               | 5035              |                   |                 |
| Q2592-02             | Solid  | 8260D               | 1311_ZHE          |                   |                 |

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-III

## SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-01             | Solid  | 8015D               | 3550              |                   |                 |
| Q2592-01             | Solid  | 8082A               | NA                |                   |                 |
| Q2592-02             | Solid  | 8081B               | 1310              |                   |                 |
| Q2592-02             | Solid  | 8151A               | 1311              |                   |                 |

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IV

## SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-01             | SOIL   | Mercury             | 07/11/25          | 07/15/25          | 07/16/25        |

\* Details For Test : Mercury

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IV

## SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-01             | SOIL   | Metals ICP-Group1   | 07/11/25          | 07/14/25          | 07/17/25        |

\* Details For Test : Metals ICP-Group1

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## FORM S-IV

## SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

| Laboratory Sample ID | Matrix | Analytical Protocol | Extraction Method | Auxiliary Cleanup | Dil/Conc Factor |
|----------------------|--------|---------------------|-------------------|-------------------|-----------------|
| Q2592-02             | TCLP   | TCLP Mercury        | 07/11/25          | 07/16/25          | 07/17/25        |

\* Details For Test : TCLP Mercury

## Cover Page

**Order ID :** Q2592

**Project ID :** Con Edison - East River Site 2

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

**Lab Sample Number**

Q2592-01  
Q2592-02

**Client Sample Number**

WC-SOIL-20250711  
WC-SOIL-20250711

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 :

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:27 am, Jul 25, 2025*

Date: 7/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_W 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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82W063025S.M) for Methylene Chloride passing on Quadratic Regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

### **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.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:27 am, Jul 25, 2025*

Signature\_\_\_\_\_

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TCLP VOA**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP VOA. This data package contains results for TCLP VOA.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike for {VX0716WBS01} with File ID: VX047022.D met requirements for all compounds except for 2-Butanone[140%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VX0716WBSD01} with File ID: VX047023.D met requirements for all compounds except for 2-Butanone[150%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VX047016.D met the requirements except for 2-Butanone is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

**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.

Trip Blank was not provided with this set of samples.

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\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:28 am, Jul 25, 2025*

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: SVOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOCMS 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\_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 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD met criteria .

The Blank Spike for {PB168854BS} with File ID: BF143119.D met requirements for all samples except for 4-Nitroaniline[106%],is failing high but no positive hit in associate samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, and Di-n-octyl phthalate these compounds are passing on Linear Regression and 2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol, these Compounds are passing on Quadratic regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BP070325.M) for 2-Nitrophenol, 2-Nitroaniline, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, Butylbenzylphthalate, Di-n-octyl phthalate these compounds are passing on Linear Regression.

The Continuous Calibration File ID BP025155.D met the requirements except for 2,4-Dinitrophenol, 2-Nitrophenol, 3,3-Dichlorobenzidine, 4,6-Dinitro-2-methylphenol, Bis(2-ethylhexyl)phthalate, Hexachlorocyclopentadiene and 2,4,6-Tribromophenol are biased high therefore no corrective action was taken.

The Continuous Calibration File ID BP025187.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol, are biased high, and no positive hit in associated samples, therefore no corrective action was taken.

The Tuning criteria met requirements.

Sample WC-SOIL-20250711 analyzed with direct 5X dilution due to dirty, viscous and concentrated matrix.

#### **E. Additional Comments:**

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

The soil samples results are based on a dry weight basis.  
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\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:28 am, Jul 25, 2025*



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Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TCLP BNA**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP BNA. This data package contains results for TCLP BNA.

### **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 df. The 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-GGA. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 20% in the Initial Calibration (8270-BF071525.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BM070825.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.





#### E. Additional Comments:

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.

---

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:29 am, Jul 25, 2025*

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TCLP Pesticide**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP Pesticide. This data package contains results for TCLP Pesticide.

### **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

### **E. Additional Comments:**

### **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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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



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2.5

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:29 am, Jul 25, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: PCB Group1**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

### **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PP073819.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing for 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PP073834.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing for 2nd column therefore no corrective action taken.

Sample WC-SOIL-20250711 was straight analyzed with 10X dilution due to bad matrix.



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**E. Additional Comments:**

The soil samples results are based on a dry weight basis.

**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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:30 am, Jul 25, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TCLP Herbicide**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP Herbicide. This data package contains results for TCLP Herbicide.

### **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 µm df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 µm df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q2592-02MS} with File ID: PS031115.D recoveries met the requirements for all compounds except for [2,4-D(1)139%] due to matrix interference.

The MSD {Q2592-02MSD} with File ID: PS031116.D recoveries met the requirements for all compounds except for [2,4-D(1)140%] due to matrix interference.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PS031126.D met the requirements except for 2,4-D is failing in 1st column but no positive hit in associated sample therefore no corrective action taken.



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Phone: 908 789 8900 Fax: 908 789 8922

**E. Additional Comments:**

**F. Manual Integration Comments:**

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

---

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:30 am, Jul 25, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TPH GC**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 07/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TPH GC. This data package contains results for TPH GC.

### **C. Analytical Techniques:**

The analysis were performed on instrument FID\_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for WC-SOIL-20250711 [TETRACOSANE-d50 - 0%] Surrogate was diluted out due to the high dilution, no further corrective action was taken.

The Retention Times were met for all analysis.

The MS {Q2592-01MS} with File ID: FG016339.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[2163%] due to matrix interference.

The MSD {Q2592-01MSD} with File ID: FG016340.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[2106%] due to matrix interference.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Samples WC-SOIL-20250711 was diluted due to bad matrix The above samples original run is reported as screening data in miscellaneous data.





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**E. Additional Comments:**

The soil samples results are based on a dry weight basis.

**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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:31 am, Jul 25, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: Mercury, Metals ICP-Group1**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 07/11/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for Mercury, Metals ICP-Group1.

### **C. Analytical Techniques:**

The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (NB-07-071125MS) analysis met criteria for all compounds except for Antimony, Copper, Mercury, Silver and Zinc due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (NB-07-071125MSD) analysis met criteria for all compounds except for Antimony, Copper, Mercury and Silver due to Chemical Interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (NB-07-071125L) met criteria for all compounds except for Iron due to sample matrix interference.

### **E. Additional Comments:**

The Post Digest Spike (NB-07-071125A) analysis met criteria for all compounds except for Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:31 am, Jul 25, 2025*

Signature\_\_\_\_\_



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## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: TCLP ICP Metals, TCLP Mercury**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 07/11/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for TCLP ICP Metals, TCLP Mercury.

### **C. Analytical Techniques:**

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all Compounds.

The Duplicate analysis met criteria for all Compounds.

The Matrix Spike (HR-MCN-COMP-01MS) analysis met criteria for all Compounds except for Mercury due to sample matrix interference.

The Matrix Spike Duplicate analysis met criteria for all Compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

### **E. Additional Comments:**

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Signature \_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:31 am, Jul 25, 2025*



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

## **CASE NARRATIVE**

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

**Project Name: Con Edison - East River Site 2**

**Project # N/A**

**Order ID # Q2592**

**Test Name: Corrosivity, Ignitability, pH, Reactive Cyanide, Reactive Sulfide**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 07/11/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, pH, Reactive Cyanide, Reactive Sulfide. This data package contains results for Corrosivity, Ignitability, pH, Reactive Cyanide, Reactive Sulfide.

### **C. Analytical Techniques:**

The analysis of Ignitability was based on method 1030, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of Corrosivity, pH was based on method 9045D.

### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for WC-SOIL-20250711 of pH and for WC-SOIL-20250711 of Corrosivity as samples were received out of holding time.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

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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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature \_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:31 am, Jul 25, 2025*

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>J</b>  | 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).                                                                                                                                                                                  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.                                                                                                                                                                                                                                                                                                                     |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                      |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference                                                                                                                                                                                                                                                                                             |
| <b>M</b>  | Indicates Duplicate injection precision not met.                                                                                                                                                                                                                                                                                                                              |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.                                                                                                                                                                                                                                                                                                            |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).                                                                                                                                                                                                                                                                                         |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.                                                                                                                                                                                                                                                                                                           |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.                                                                                                                                                                                                                                                                                                         |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.                                                                                                                                                                                                                                       |
| <b>M</b>  | 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 |
| <b>OR</b> | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                              |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                |
| <b>H</b>  | Sample Analysis Out Of Hold Time                                                                                                                                                                                                                                                                                                                                              |

## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>U</b>  | 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.                                                                                                                                                                                                                                                                                      |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>J</b>  | Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ul> |
| <b>B</b>  | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>E</b>  | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>D</b>  | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>P</b>  | 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”.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>N</b>  | 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.                                                                                                                                                                                                                                                                       |
| <b>A</b>  | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2592

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: 07/25/2025



## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID    | ClientID         | Matrix | Test         | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|--------------|--------|-------------|-----------|-----------|----------|
| Q2592-01 | WC-SOIL-20250711 | SOIL   | VOCMS Group1 | 8260D  | 07/11/25    |           | 07/14/25  | 07/11/25 |

**Hit Summary Sheet**  
SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

Client ID:

0

Total Voc :

Total Concentration:

A  
B  
C  
D  
E  
F  
G



# SAMPLE DATA

A

B

C

D

E

F

G

## Report of Analysis

|                    |                                       |           |                 |              |    |
|--------------------|---------------------------------------|-----------|-----------------|--------------|----|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: | 07/11/25     |    |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  | 07/11/25     |    |
| Client Sample ID:  | WC-SOIL-20250711                      |           | SDG No.:        | Q2592        |    |
| Lab Sample ID:     | Q2592-01                              |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                 |           | % Solid:        | 76.7         |    |
| Sample Wt/Vol:     | 6.94                                  | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031845.D        | 1         | 07/14/25 13:07 | VW071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 4.70  | U         | 1.10 | 4.70       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 4.70  | U         | 1.10 | 4.70       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 4.70  | U         | 0.74 | 4.70       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 4.70  | U         | 1.00 | 4.70       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 4.70  | U         | 1.20 | 4.70       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 4.70  | U         | 1.10 | 4.70       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 4.70  | U         | 1.00 | 4.70       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 4.70  | U         | 0.94 | 4.70       | ug/Kg             |
| 67-64-1        | Acetone                        | 23.5  | U         | 4.50 | 23.5       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 4.70  | U         | 1.00 | 4.70       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 4.70  | U         | 0.69 | 4.70       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 4.70  | U         | 1.40 | 4.70       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 9.40  | U         | 3.30 | 9.40       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 4.70  | U         | 0.81 | 4.70       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 4.70  | U         | 0.75 | 4.70       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 4.70  | U         | 0.74 | 4.70       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 23.5  | U         | 6.10 | 23.5       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 4.70  | U         | 0.91 | 4.70       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 4.70  | U         | 0.70 | 4.70       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 4.70  | U         | 1.10 | 4.70       | ug/Kg             |
| 67-66-3        | Chloroform                     | 4.70  | U         | 0.79 | 4.70       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 4.70  | U         | 0.87 | 4.70       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 4.70  | U         | 0.85 | 4.70       | ug/Kg             |
| 71-43-2        | Benzene                        | 4.70  | U         | 0.74 | 4.70       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 4.70  | U         | 0.74 | 4.70       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 4.70  | U         | 0.76 | 4.70       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 4.70  | U         | 0.85 | 4.70       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 4.70  | U         | 0.73 | 4.70       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 23.5  | U         | 3.40 | 23.5       | ug/Kg             |
| 108-88-3       | Toluene                        | 4.70  | U         | 0.73 | 4.70       | ug/Kg             |

## Report of Analysis

|                    |                                       |           |                 |              |    |
|--------------------|---------------------------------------|-----------|-----------------|--------------|----|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: | 07/11/25     |    |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  | 07/11/25     |    |
| Client Sample ID:  | WC-SOIL-20250711                      |           | SDG No.:        | Q2592        |    |
| Lab Sample ID:     | Q2592-01                              |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                 |           | % Solid:        | 76.7         |    |
| Sample Wt/Vol:     | 6.94                                  | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031845.D        | 1         | 07/14/25 13:07 | VW071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|----------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 4.70   | U         | 0.61     | 4.70       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 4.70   | U         | 0.58     | 4.70       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 4.70   | U         | 0.86     | 4.70       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 23.5   | U         | 3.50     | 23.5       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 4.70   | U         | 0.82     | 4.70       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 4.70   | U         | 0.83     | 4.70       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 4.70   | U         | 0.99     | 4.70       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 4.70   | U         | 0.85     | 4.70       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 4.70   | U         | 0.63     | 4.70       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 9.40   | U         | 1.20     | 9.40       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 4.70   | U         | 0.77     | 4.70       | ug/Kg             |
| 100-42-5                  | Styrene                     | 4.70   | U         | 0.67     | 4.70       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 4.70   | U         | 0.81     | 4.70       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 4.70   | U         | 0.73     | 4.70       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 4.70   | U         | 1.10     | 4.70       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 4.70   | U         | 1.60     | 4.70       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 4.70   | U         | 1.50     | 4.70       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 4.70   | U         | 1.40     | 4.70       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 4.70   | U         | 1.70     | 4.70       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 4.70   | U         | 2.80     | 4.70       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 4.70   | U         | 3.00     | 4.70       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 49.4   |           | 63 - 155 | 99%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 48.6   |           | 70 - 134 | 97%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 47.5   |           | 74 - 123 | 95%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 51.5   |           | 17 - 146 | 103%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 205000 | 7.965     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 387000 | 8.855     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 368000 | 11.635    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 164000 | 13.556    |          |            |                   |

## Report of Analysis

|                    |                                       |           |                 |              |    |
|--------------------|---------------------------------------|-----------|-----------------|--------------|----|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: | 07/11/25     |    |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  | 07/11/25     |    |
| Client Sample ID:  | WC-SOIL-20250711                      |           | SDG No.:        | Q2592        |    |
| Lab Sample ID:     | Q2592-01                              |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                 |           | % Solid:        | 76.7         |    |
| Sample Wt/Vol:     | 6.94                                  | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031845.D        | 1         | 07/14/25 13:07 | VW071425      |

| 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

## Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260D

| Lab Sample ID | Client ID        | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                  |                       |       |        |              |      | Low        | High |
| Q2592-01      | WC-SOIL-20250711 | 1,2-Dichloroethane-d4 | 50    | 49.4   | 99           |      | 63         | 155  |
|               |                  | Dibromofluoromethane  | 50    | 48.6   | 97           |      | 70         | 134  |
|               |                  | Toluene-d8            | 50    | 47.5   | 95           |      | 74         | 123  |
|               |                  | 4-Bromofluorobenzene  | 50    | 51.5   | 103          |      | 17         | 146  |
| VW0714SBL01   | VW0714SBL01      | 1,2-Dichloroethane-d4 | 50    | 48.0   | 96           |      | 63         | 155  |
|               |                  | Dibromofluoromethane  | 50    | 47.1   | 94           |      | 70         | 134  |
|               |                  | Toluene-d8            | 50    | 44.9   | 90           |      | 74         | 123  |
|               |                  | 4-Bromofluorobenzene  | 50    | 46.2   | 92           |      | 17         | 146  |
| VW0714SBS01   | VW0714SBS01      | 1,2-Dichloroethane-d4 | 50    | 53.8   | 108          |      | 63         | 155  |
|               |                  | Dibromofluoromethane  | 50    | 49.6   | 99           |      | 70         | 134  |
|               |                  | Toluene-d8            | 50    | 51.4   | 103          |      | 74         | 123  |
|               |                  | 4-Bromofluorobenzene  | 50    | 52.3   | 105          |      | 17         | 146  |
| VW0714SBSD0   | VW0714SBSD01     | 1,2-Dichloroethane-d4 | 50    | 55.2   | 110          |      | 63         | 155  |
|               |                  | Dibromofluoromethane  | 50    | 51.7   | 103          |      | 70         | 134  |
|               |                  | Toluene-d8            | 50    | 50.5   | 101          |      | 74         | 123  |
|               |                  | 4-Bromofluorobenzene  | 50    | 54.1   | 108          |      | 17         | 146  |



## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                           |                    |                   |
|----------|-------------------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q2592</u>                              | Analytical Method: | <u>SW8260D</u>    |
| Client:  | <u>PARSONS Engineering of New York, I</u> | Datafile :         | <u>VW031838.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|-------------|-----|
| VW0714SBS01   | Dichlorodifluoromethane        | 20    | 18.8   | ug/Kg | 94  |     |      | 64  | 136         |     |
|               | Chloromethane                  | 20    | 19.6   | ug/Kg | 98  |     |      | 52  | 151         |     |
|               | Vinyl chloride                 | 20    | 20.6   | ug/Kg | 103 |     |      | 56  | 148         |     |
|               | Bromomethane                   | 20    | 20.2   | ug/Kg | 101 |     |      | 58  | 141         |     |
|               | Chloroethane                   | 20    | 20.2   | ug/Kg | 101 |     |      | 69  | 130         |     |
|               | Trichlorofluoromethane         | 20    | 16.8   | ug/Kg | 84  |     |      | 69  | 134         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.5   | ug/Kg | 98  |     |      | 81  | 123         |     |
|               | 1,1-Dichloroethene             | 20    | 20.5   | ug/Kg | 103 |     |      | 79  | 121         |     |
|               | Acetone                        | 100   | 87.1   | ug/Kg | 87  |     |      | 40  | 171         |     |
|               | Carbon disulfide               | 20    | 18.7   | ug/Kg | 94  |     |      | 59  | 130         |     |
|               | Methyl tert-butyl Ether        | 20    | 22.8   | ug/Kg | 114 |     |      | 77  | 129         |     |
|               | Methyl Acetate                 | 20    | 18.6   | ug/Kg | 93  |     |      | 69  | 149         |     |
|               | Methylene Chloride             | 20    | 24.0   | ug/Kg | 120 |     |      | 72  | 131         |     |
|               | trans-1,2-Dichloroethene       | 20    | 21.7   | ug/Kg | 109 |     |      | 80  | 123         |     |
|               | 1,1-Dichloroethane             | 20    | 22.2   | ug/Kg | 111 |     |      | 82  | 123         |     |
|               | Cyclohexane                    | 20    | 19.7   | ug/Kg | 99  |     |      | 76  | 122         |     |
|               | 2-Butanone                     | 100   | 96.3   | ug/Kg | 96  |     |      | 69  | 131         |     |
|               | Carbon Tetrachloride           | 20    | 17.9   | ug/Kg | 90  |     |      | 76  | 129         |     |
|               | cis-1,2-Dichloroethene         | 20    | 22.3   | ug/Kg | 112 |     |      | 82  | 123         |     |
|               | Bromochloromethane             | 20    | 21.9   | ug/Kg | 110 |     |      | 80  | 127         |     |
|               | Chloroform                     | 20    | 22.7   | ug/Kg | 114 |     |      | 82  | 125         |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.7   | ug/Kg | 104 |     |      | 80  | 126         |     |
|               | Methylcyclohexane              | 20    | 18.4   | ug/Kg | 92  |     |      | 77  | 123         |     |
|               | Benzene                        | 20    | 20.9   | ug/Kg | 104 |     |      | 84  | 121         |     |
|               | 1,2-Dichloroethane             | 20    | 20.4   | ug/Kg | 102 |     |      | 81  | 126         |     |
|               | Trichloroethene                | 20    | 20.5   | ug/Kg | 103 |     |      | 83  | 122         |     |
|               | 1,2-Dichloropropane            | 20    | 21.4   | ug/Kg | 107 |     |      | 83  | 122         |     |
|               | Bromodichloromethane           | 20    | 20.8   | ug/Kg | 104 |     |      | 82  | 123         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 94.7   | ug/Kg | 95  |     |      | 70  | 135         |     |
|               | Toluene                        | 20    | 21.4   | ug/Kg | 107 |     |      | 83  | 122         |     |
|               | t-1,3-Dichloropropene          | 20    | 20.4   | ug/Kg | 102 |     |      | 78  | 124         |     |
|               | cis-1,3-Dichloropropene        | 20    | 21.0   | ug/Kg | 105 |     |      | 81  | 122         |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.8   | ug/Kg | 104 |     |      | 82  | 125         |     |
|               | 2-Hexanone                     | 100   | 95.7   | ug/Kg | 96  |     |      | 66  | 138         |     |
|               | Dibromochloromethane           | 20    | 20.0   | ug/Kg | 100 |     |      | 79  | 125         |     |
|               | 1,2-Dibromoethane              | 20    | 19.5   | ug/Kg | 98  |     |      | 80  | 125         |     |
|               | Tetrachloroethene              | 20    | 17.7   | ug/Kg | 89  |     |      | 83  | 125         |     |
|               | Chlorobenzene                  | 20    | 20.3   | ug/Kg | 102 |     |      | 84  | 122         |     |
|               | Ethyl Benzene                  | 20    | 20.7   | ug/Kg | 104 |     |      | 82  | 124         |     |
|               | m/p-Xylenes                    | 40    | 41.6   | ug/Kg | 104 |     |      | 83  | 124         |     |
|               | o-Xylene                       | 20    | 21.2   | ug/Kg | 106 |     |      | 83  | 123         |     |
|               | Styrene                        | 20    | 21.5   | ug/Kg | 108 |     |      | 82  | 124         |     |
|               | Bromoform                      | 20    | 18.3   | ug/Kg | 92  |     |      | 75  | 127         |     |
|               | Isopropylbenzene               | 20    | 21.0   | ug/Kg | 105 |     |      | 82  | 124         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.8   | ug/Kg | 104 |     |      | 77  | 127         |     |
|               | 1,3-Dichlorobenzene            | 20    | 20.5   | ug/Kg | 103 |     |      | 83  | 122         |     |
|               | 1,4-Dichlorobenzene            | 20    | 21.6   | ug/Kg | 108 |     |      | 84  | 121         |     |
|               | 1,2-Dichlorobenzene            | 20    | 21.6   | ug/Kg | 108 |     |      | 83  | 124         |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                              | <b>Analytical Method:</b> | <u>SW8260D</u>    |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, I</u> | <b>Datafile :</b>         | <u>VW031838.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| VW0714SBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 18.2   | ug/Kg | 91  |     |      | 66  | 134    |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 20.7   | ug/Kg | 104 |     |      | 78  | 127    |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 20.8   | ug/Kg | 104 |     |      | 70  | 137    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                           |                    |                   |
|----------|-------------------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q2592</u>                              | Analytical Method: | <u>SW8260D</u>    |
| Client:  | <u>PARSONS Engineering of New York, I</u> | Datafile :         | <u>VW031839.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VW0714SBSD01  | Dichlorodifluoromethane        | 20    | 16.9   | ug/Kg | 85  | 10  |      | 64  | 136            | 20  |
|               | Chloromethane                  | 20    | 19.7   | ug/Kg | 99  | 1   |      | 52  | 151            | 20  |
|               | Vinyl chloride                 | 20    | 20.0   | ug/Kg | 100 | 3   |      | 56  | 148            | 20  |
|               | Bromomethane                   | 20    | 20.4   | ug/Kg | 102 | 1   |      | 58  | 141            | 20  |
|               | Chloroethane                   | 20    | 20.1   | ug/Kg | 101 | 0   |      | 69  | 130            | 20  |
|               | Trichlorofluoromethane         | 20    | 19.3   | ug/Kg | 97  | 14  |      | 69  | 134            | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.6   | ug/Kg | 98  | 0   |      | 81  | 123            | 20  |
|               | 1,1-Dichloroethene             | 20    | 20.0   | ug/Kg | 100 | 3   |      | 79  | 121            | 20  |
|               | Acetone                        | 100   | 99.3   | ug/Kg | 99  | 13  |      | 40  | 171            | 20  |
|               | Carbon disulfide               | 20    | 18.5   | ug/Kg | 93  | 1   |      | 59  | 130            | 20  |
|               | Methyl tert-butyl Ether        | 20    | 22.8   | ug/Kg | 114 | 0   |      | 77  | 129            | 20  |
|               | Methyl Acetate                 | 20    | 20.9   | ug/Kg | 104 | 11  |      | 69  | 149            | 20  |
|               | Methylene Chloride             | 20    | 24.5   | ug/Kg | 123 | 2   |      | 72  | 131            | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 21.1   | ug/Kg | 106 | 3   |      | 80  | 123            | 20  |
|               | 1,1-Dichloroethane             | 20    | 22.1   | ug/Kg | 111 | 0   |      | 82  | 123            | 20  |
|               | Cyclohexane                    | 20    | 19.8   | ug/Kg | 99  | 0   |      | 76  | 122            | 20  |
|               | 2-Butanone                     | 100   | 110    | ug/Kg | 110 | 14  |      | 69  | 131            | 20  |
|               | Carbon Tetrachloride           | 20    | 18.5   | ug/Kg | 93  | 3   |      | 76  | 129            | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 22.4   | ug/Kg | 112 | 0   |      | 82  | 123            | 20  |
|               | Bromochloromethane             | 20    | 22.9   | ug/Kg | 115 | 4   |      | 80  | 127            | 20  |
|               | Chloroform                     | 20    | 22.5   | ug/Kg | 113 | 1   |      | 82  | 125            | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 20.6   | ug/Kg | 103 | 1   |      | 80  | 126            | 20  |
|               | Methylcyclohexane              | 20    | 18.1   | ug/Kg | 91  | 1   |      | 77  | 123            | 20  |
|               | Benzene                        | 20    | 20.9   | ug/Kg | 104 | 0   |      | 84  | 121            | 20  |
|               | 1,2-Dichloroethane             | 20    | 20.6   | ug/Kg | 103 | 1   |      | 81  | 126            | 20  |
|               | Trichloroethene                | 20    | 19.5   | ug/Kg | 98  | 5   |      | 83  | 122            | 20  |
|               | 1,2-Dichloropropane            | 20    | 20.5   | ug/Kg | 103 | 4   |      | 83  | 122            | 20  |
|               | Bromodichloromethane           | 20    | 20.8   | ug/Kg | 104 | 0   |      | 82  | 123            | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 100    | ug/Kg | 100 | 5   |      | 70  | 135            | 20  |
|               | Toluene                        | 20    | 21.1   | ug/Kg | 106 | 1   |      | 83  | 122            | 20  |
|               | t-1,3-Dichloropropene          | 20    | 21.0   | ug/Kg | 105 | 3   |      | 78  | 124            | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 21.0   | ug/Kg | 105 | 0   |      | 81  | 122            | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 21.0   | ug/Kg | 105 | 1   |      | 82  | 125            | 20  |
|               | 2-Hexanone                     | 100   | 110    | ug/Kg | 110 | 14  |      | 66  | 138            | 20  |
|               | Dibromochloromethane           | 20    | 19.5   | ug/Kg | 98  | 2   |      | 79  | 125            | 20  |
|               | 1,2-Dibromoethane              | 20    | 20.8   | ug/Kg | 104 | 6   |      | 80  | 125            | 20  |
|               | Tetrachloroethene              | 20    | 17.3   | ug/Kg | 86  | 3   |      | 83  | 125            | 20  |
|               | Chlorobenzene                  | 20    | 19.7   | ug/Kg | 99  | 3   |      | 84  | 122            | 20  |
|               | Ethyl Benzene                  | 20    | 20.4   | ug/Kg | 102 | 2   |      | 82  | 124            | 20  |
|               | m/p-Xylenes                    | 40    | 39.8   | ug/Kg | 100 | 4   |      | 83  | 124            | 20  |
|               | o-Xylene                       | 20    | 20.5   | ug/Kg | 103 | 3   |      | 83  | 123            | 20  |
|               | Styrene                        | 20    | 20.4   | ug/Kg | 102 | 6   |      | 82  | 124            | 20  |
|               | Bromoform                      | 20    | 19.1   | ug/Kg | 96  | 4   |      | 75  | 127            | 20  |
|               | Isopropylbenzene               | 20    | 20.4   | ug/Kg | 102 | 3   |      | 82  | 124            | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.8   | ug/Kg | 104 | 0   |      | 77  | 127            | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 20.3   | ug/Kg | 102 | 1   |      | 83  | 122            | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 20.2   | ug/Kg | 101 | 7   |      | 84  | 121            | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 20.8   | ug/Kg | 104 | 4   |      | 83  | 124            | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: Q2592 Analytical Method: SW8260D  
Client: PARSONS Engineering of New York, I Datafile : VW031839.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| VW0714SBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 19.2   | ug/Kg | 96  | 5   |      | 66  | 134    | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.8   | ug/Kg | 99  | 5   |      | 78  | 127    | 20  |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.2   | ug/Kg | 96  | 8   |      | 70  | 137    | 20  |

VOLATILE METHOD BLANK SUMMARY

Client ID

VW0714SBL01

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VW031837.D

Lab Sample ID: VW0714SBL01

Date Analyzed: 07/14/2025

Time Analyzed: 09:46

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_W

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VW0714SBS01       | VW0714SBS01      | VW031838.D     | 07/14/2025       |
| VW0714SBSD01      | VW0714SBSD01     | VW031839.D     | 07/14/2025       |
| WC-SOIL-20250711  | Q2592-01         | VW031845.D     | 07/14/2025       |

COMMENTS: \_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VW031728.D  
Instrument ID: MSVOA\_W  
GC Column: RXI-624 ID: 0.25 (mm)

Contract: PARS02  
SDG NO.: Q2592  
BFB Injection Date: 06/30/2025  
BFB Injection Time: 08:56  
Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 65.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8.2 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.8 ( 99.2 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC005 | VSTDIC005     | VW031729.D  | 06/30/2025    | 09:54         |
| VSTDIC010 | VSTDIC010     | VW031730.D  | 06/30/2025    | 10:15         |
| VSTDIC020 | VSTDIC020     | VW031731.D  | 06/30/2025    | 10:58         |
| VSTDIC050 | VSTDIC050     | VW031732.D  | 06/30/2025    | 11:21         |
| VSTDIC100 | VSTDIC100     | VW031733.D  | 06/30/2025    | 12:34         |
| VSTDIC150 | VSTDIC150     | VW031734.D  | 06/30/2025    | 12:55         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VW031835.D  
Instrument ID: MSVOA\_W  
GC Column: RXI-624 ID: 0.25 (mm)

Contract: PARS02  
SDG NO.: Q2592  
BFB Injection Date: 07/14/2025  
BFB Injection Time: 08:45  
Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.5                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.4                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 63.7                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 62.5 ( 98.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4 ( 6.4 ) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID        | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050       | VSTDCCC050    | VW031836.D  | 07/14/2025    | 09:17         |
| VW0714SBL01      | VW0714SBL01   | VW031837.D  | 07/14/2025    | 09:46         |
| VW0714SBS01      | VW0714SBS01   | VW031838.D  | 07/14/2025    | 10:14         |
| VW0714SBSD01     | VW0714SBSD01  | VW031839.D  | 07/14/2025    | 10:36         |
| WC-SOIL-20250711 | Q2592-01      | VW031845.D  | 07/14/2025    | 13:07         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02  
Lab Code: ACE SDG NO.: Q2592  
Lab File ID: VW031836.D Date Analyzed: 07/14/2025  
Instrument ID: MSVOA\_W Time Analyzed: 09:17  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                  | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|------------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD      | 228359        | 7.96  | 408363        | 8.85  | 364073        | 11.63  |
| UPPER LIMIT      | 456718        | 8.459 | 816726        | 9.349 | 728146        | 12.129 |
| LOWER LIMIT      | 114180        | 7.459 | 204182        | 8.349 | 182037        | 11.129 |
| EPA SAMPLE NO.   |               |       |               |       |               |        |
| WC-SOIL-20250711 | 205400        | 7.97  | 386707        | 8.86  | 368231        | 11.64  |
| VW0714SBL01      | 179274        | 7.96  | 359991        | 8.85  | 334968        | 11.64  |
| VW0714SBS01      | 217952        | 7.96  | 419177        | 8.85  | 378051        | 11.63  |
| VW0714SBSD01     | 213196        | 7.97  | 419599        | 8.86  | 383633        | 11.64  |

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.



VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02  
 Lab Code: ACE SDG NO.: Q2592  
 Lab File ID: VW031836.D Date Analyzed: 07/14/2025  
 Instrument ID: MSVOA\_W Time Analyzed: 09:17  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                  | IS4<br>AREA # | RT #   |  |  |  |  |
|------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD      | 165994        | 13.556 |  |  |  |  |
| UPPER LIMIT      | 331988        | 14.056 |  |  |  |  |
| LOWER LIMIT      | 82997         | 13.056 |  |  |  |  |
| EPA SAMPLE NO.   |               |        |  |  |  |  |
| WC-SOIL-20250711 | 164076        | 13.56  |  |  |  |  |
| VW0714SBL01      | 154203        | 13.56  |  |  |  |  |
| VW0714SBS01      | 171979        | 13.56  |  |  |  |  |
| VW0714SBSD01     | 180632        | 13.56  |  |  |  |  |

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

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBL01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBL01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031837.D        | 1         | 07/14/25 09:46 | VW071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 5.00  | U         | 1.10 | 5.00       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 5.00  | U         | 1.10 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 5.00  | U         | 0.79 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 5.00  | U         | 1.10 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 5.00  | U         | 1.30 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 5.00  | U         | 1.20 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.00  | U         | 1.10 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 5.00  | U         | 1.00 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 25.0  | U         | 4.70 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 5.00  | U         | 1.10 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 5.00  | U         | 0.73 | 5.00       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 5.00  | U         | 1.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 10.0  | U         | 3.50 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 5.00  | U         | 0.86 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 5.00  | U         | 0.80 | 5.00       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 5.00  | U         | 0.79 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 25.0  | U         | 6.50 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 5.00  | U         | 0.97 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 5.00  | U         | 0.75 | 5.00       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 5.00  | U         | 1.20 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 5.00  | U         | 0.84 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 5.00  | U         | 0.93 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 5.00  | U         | 0.91 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 5.00  | U         | 0.79 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 5.00  | U         | 0.79 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 5.00  | U         | 0.81 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 5.00  | U         | 0.91 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 5.00  | U         | 0.78 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 25.0  | U         | 3.60 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 5.00  | U         | 0.78 | 5.00       | ug/Kg             |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBL01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBL01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031837.D        | 1         | 07/14/25 09:46 | VW071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|----------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 5.00   | U         | 0.65     | 5.00       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 5.00   | U         | 0.62     | 5.00       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 5.00   | U         | 0.92     | 5.00       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 25.0   | U         | 3.70     | 25.0       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 5.00   | U         | 0.87     | 5.00       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 5.00   | U         | 0.88     | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 5.00   | U         | 1.10     | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 5.00   | U         | 0.91     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 5.00   | U         | 0.67     | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 10.0   | U         | 1.20     | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 5.00   | U         | 0.82     | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                     | 5.00   | U         | 0.71     | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 0.86     | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 5.00   | U         | 0.78     | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 5.00   | U         | 1.20     | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 5.00   | U         | 1.70     | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 5.00   | U         | 1.60     | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 5.00   | U         | 1.50     | 5.00       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.00   | U         | 1.80     | 5.00       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.00   | U         | 3.00     | 5.00       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.00   | U         | 3.20     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 48.0   |           | 63 - 155 | 96%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 47.1   |           | 70 - 134 | 94%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 44.9   |           | 74 - 123 | 90%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 46.2   |           | 17 - 146 | 92%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 179000 | 7.959     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 360000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 335000 | 11.635    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 154000 | 13.556    |          |            |                   |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBL01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBL01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031837.D        | 1         | 07/14/25 09:46 | VW071425      |

| 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

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBS01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBS01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031838.D        | 1         | 07/14/25 10:14 | VW071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 18.8  |           | 1.10 | 5.00       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 19.6  |           | 1.10 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 20.6  |           | 0.79 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 20.2  |           | 1.10 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 20.2  |           | 1.30 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 16.8  |           | 1.20 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.5  |           | 1.10 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 20.5  |           | 1.00 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 87.1  |           | 4.70 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 18.7  |           | 1.10 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 22.8  |           | 0.73 | 5.00       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 18.6  |           | 1.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 24.0  |           | 3.50 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 21.7  |           | 0.86 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 22.2  |           | 0.80 | 5.00       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 19.7  |           | 0.79 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 96.3  |           | 6.50 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 17.9  |           | 0.97 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 22.3  |           | 0.75 | 5.00       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 21.9  |           | 1.20 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 22.7  |           | 0.84 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.7  |           | 0.93 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 18.4  |           | 0.91 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 20.9  |           | 0.79 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 20.4  |           | 0.79 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 20.5  |           | 0.81 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 21.4  |           | 0.91 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 20.8  |           | 0.78 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 94.7  |           | 3.60 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 21.4  |           | 0.78 | 5.00       | ug/Kg             |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBS01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBS01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031838.D        | 1         | 07/14/25 10:14 | VW071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|----------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 20.4   |           | 0.65     | 5.00       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 21.0   |           | 0.62     | 5.00       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 20.8   |           | 0.92     | 5.00       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 95.7   |           | 3.70     | 25.0       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 20.0   |           | 0.87     | 5.00       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 19.5   |           | 0.88     | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 17.7   |           | 1.10     | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 20.3   |           | 0.91     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 20.7   |           | 0.67     | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 41.6   |           | 1.20     | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 21.2   |           | 0.82     | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                     | 21.5   |           | 0.71     | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 18.3   |           | 0.86     | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 21.0   |           | 0.78     | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 20.8   |           | 1.20     | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 20.5   |           | 1.70     | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 21.6   |           | 1.60     | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 21.6   |           | 1.50     | 5.00       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 18.2   |           | 1.80     | 5.00       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 20.7   |           | 3.00     | 5.00       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 20.8   |           | 3.20     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.8   |           | 63 - 155 | 108%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 49.6   |           | 70 - 134 | 99%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 51.4   |           | 74 - 123 | 103%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.3   |           | 17 - 146 | 105%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 218000 | 7.959     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 419000 | 8.849     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 378000 | 11.629    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 172000 | 13.556    |          |            |                   |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBS01                           |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBS01                           |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031838.D        | 1         | 07/14/25 10:14 | VW071425      |

| 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



## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBSD01                          |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBSD01                          |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031839.D        | 1         | 07/14/25 10:36 | VW071425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 16.9  |           | 1.10 | 5.00       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 19.7  |           | 1.10 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 20.0  |           | 0.79 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 20.4  |           | 1.10 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 20.1  |           | 1.30 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 19.3  |           | 1.20 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.6  |           | 1.10 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 20.0  |           | 1.00 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 99.3  |           | 4.70 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 18.5  |           | 1.10 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 22.8  |           | 0.73 | 5.00       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 20.9  |           | 1.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 24.5  |           | 3.50 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 21.1  |           | 0.86 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 22.1  |           | 0.80 | 5.00       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 19.8  |           | 0.79 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 110   |           | 6.50 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 18.5  |           | 0.97 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 22.4  |           | 0.75 | 5.00       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 22.9  |           | 1.20 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 22.5  |           | 0.84 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.6  |           | 0.93 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 18.1  |           | 0.91 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 20.9  |           | 0.79 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 20.6  |           | 0.79 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 19.5  |           | 0.81 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 20.5  |           | 0.91 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 20.8  |           | 0.78 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 100   |           | 3.60 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 21.1  |           | 0.78 | 5.00       | ug/Kg             |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBSD01                          |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBSD01                          |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031839.D        | 1         | 07/14/25 10:36 | VW071425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|----------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 21.0   |           | 0.65     | 5.00       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 21.0   |           | 0.62     | 5.00       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 21.0   |           | 0.92     | 5.00       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 110    |           | 3.70     | 25.0       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 19.5   |           | 0.87     | 5.00       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 20.8   |           | 0.88     | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 17.3   |           | 1.10     | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 19.7   |           | 0.91     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 20.4   |           | 0.67     | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 39.8   |           | 1.20     | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 20.5   |           | 0.82     | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                     | 20.4   |           | 0.71     | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 19.1   |           | 0.86     | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 20.4   |           | 0.78     | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 20.8   |           | 1.20     | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 20.3   |           | 1.70     | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 20.2   |           | 1.60     | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 20.8   |           | 1.50     | 5.00       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.2   |           | 1.80     | 5.00       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 19.8   |           | 3.00     | 5.00       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 19.2   |           | 3.20     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.2   |           | 63 - 155 | 110%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 51.7   |           | 70 - 134 | 103%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 50.5   |           | 74 - 123 | 101%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.1   |           | 17 - 146 | 108%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 213000 | 7.965     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 420000 | 8.855     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 384000 | 11.635    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 181000 | 13.556    |          |            |                   |

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |              |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |              |
| Client Sample ID:  | VW0714SBSD01                          |           | SDG No.:        | Q2592        |
| Lab Sample ID:     | VW0714SBSD01                          |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | Units: g  | 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: | Date Analyzed  | Prep Batch ID |
| VW031839.D        | 1         | 07/14/25 10:36 | VW071425      |

| 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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG No.: Q2592

Instrument ID: MSVOA\_W

Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 09:54 12:55

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

| LAB FILE ID:                   |  | RRF005 = VW031729.D |        | RRF010 = VW031730.D |        | RRF020 = VW031731.D |        | RRF050 = VW031732.D |       | RRF100 = VW031733.D |  | RRF150 = VW031734.D |  |
|--------------------------------|--|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|---------------------|--|---------------------|--|
| COMPOUND                       |  | RRF005              | RRF010 | RRF020              | RRF050 | RRF100              | RRF150 | RRF                 | % RSD |                     |  |                     |  |
| Dichlorodifluoromethane        |  | 0.330               | 0.371  | 0.352               | 0.310  | 0.329               | 0.351  | 0.341               | 6.3   |                     |  |                     |  |
| Chloromethane                  |  | 0.409               | 0.410  | 0.428               | 0.375  | 0.405               | 0.436  | 0.411               | 5.1   |                     |  |                     |  |
| Vinyl Chloride                 |  | 0.523               | 0.534  | 0.576               | 0.514  | 0.545               | 0.546  | 0.540               | 4     |                     |  |                     |  |
| Bromomethane                   |  | 0.429               | 0.431  | 0.443               | 0.396  | 0.412               | 0.418  | 0.421               | 3.9   |                     |  |                     |  |
| Chloroethane                   |  | 0.370               | 0.372  | 0.379               | 0.347  | 0.360               | 0.372  | 0.367               | 3.1   |                     |  |                     |  |
| Trichlorofluoromethane         |  | 0.509               | 0.508  | 0.442               | 0.469  | 0.466               | 0.546  | 0.490               | 7.7   |                     |  |                     |  |
| 1,1,2-Trichlorotrifluoroethane |  | 0.577               | 0.563  | 0.569               | 0.508  | 0.517               | 0.530  | 0.544               | 5.4   |                     |  |                     |  |
| 1,1-Dichloroethene             |  | 0.602               | 0.625  | 0.622               | 0.556  | 0.581               | 0.588  | 0.596               | 4.4   |                     |  |                     |  |
| Acetone                        |  | 0.238               | 0.191  | 0.171               | 0.163  | 0.157               | 0.144  | 0.177               | 18.8  |                     |  |                     |  |
| Carbon Disulfide               |  | 1.571               | 1.588  | 1.647               | 1.536  | 1.590               | 1.633  | 1.594               | 2.5   |                     |  |                     |  |
| Methyl tert-butyl Ether        |  | 1.007               | 1.018  | 1.038               | 1.033  | 0.982               | 0.988  | 1.011               | 2.3   |                     |  |                     |  |
| Methyl Acetate                 |  | 0.540               | 0.523  | 0.498               | 0.528  | 0.467               | 0.485  | 0.507               | 5.6   |                     |  |                     |  |
| Methylene Chloride             |  | 1.029               | 0.980  | 0.905               | 0.692  | 0.655               | 0.626  | 0.814               | 21.7  |                     |  |                     |  |
| trans-1,2-Dichloroethene       |  | 0.635               | 0.623  | 0.667               | 0.613  | 0.631               | 0.629  | 0.633               | 2.9   |                     |  |                     |  |
| 1,1-Dichloroethane             |  | 1.154               | 1.163  | 1.219               | 1.116  | 1.131               | 1.153  | 1.156               | 3.1   |                     |  |                     |  |
| Cyclohexane                    |  | 1.175               | 1.065  | 1.033               | 0.937  | 0.940               | 0.981  | 1.022               | 8.9   |                     |  |                     |  |
| 2-Butanone                     |  | 0.224               | 0.224  | 0.221               | 0.249  | 0.231               | 0.237  | 0.231               | 4.6   |                     |  |                     |  |
| Carbon Tetrachloride           |  | 0.477               | 0.498  | 0.498               | 0.461  | 0.468               | 0.485  | 0.481               | 3.2   |                     |  |                     |  |
| cis-1,2-Dichloroethene         |  | 0.711               | 0.709  | 0.754               | 0.716  | 0.736               | 0.740  | 0.728               | 2.5   |                     |  |                     |  |
| Bromochloromethane             |  | 0.531               | 0.501  | 0.535               | 0.504  | 0.500               | 0.489  | 0.510               | 3.7   |                     |  |                     |  |
| Chloroform                     |  | 1.230               | 1.239  | 1.299               | 1.204  | 1.189               | 1.208  | 1.228               | 3.2   |                     |  |                     |  |
| 1,1,1-Trichloroethane          |  | 0.933               | 0.983  | 0.971               | 0.925  | 0.907               | 0.959  | 0.946               | 3.1   |                     |  |                     |  |
| Methylcyclohexane              |  | 0.573               | 0.571  | 0.604               | 0.566  | 0.592               | 0.619  | 0.587               | 3.6   |                     |  |                     |  |
| Benzene                        |  | 1.410               | 1.394  | 1.483               | 1.375  | 1.349               | 1.371  | 1.397               | 3.4   |                     |  |                     |  |
| 1,2-Dichloroethane             |  | 0.490               | 0.490  | 0.493               | 0.464  | 0.449               | 0.445  | 0.472               | 4.7   |                     |  |                     |  |
| Trichloroethene                |  | 0.344               | 0.346  | 0.367               | 0.344  | 0.337               | 0.354  | 0.349               | 3.1   |                     |  |                     |  |
| 1,2-Dichloropropane            |  | 0.348               | 0.344  | 0.353               | 0.331  | 0.324               | 0.325  | 0.338               | 3.7   |                     |  |                     |  |
| Bromodichloromethane           |  | 0.509               | 0.512  | 0.524               | 0.511  | 0.502               | 0.510  | 0.511               | 1.4   |                     |  |                     |  |
| 4-Methyl-2-Pentanone           |  | 0.285               | 0.301  | 0.295               | 0.313  | 0.289               | 0.287  | 0.295               | 3.5   |                     |  |                     |  |
| Toluene                        |  | 0.882               | 0.898  | 0.938               | 0.876  | 0.874               | 0.899  | 0.894               | 2.7   |                     |  |                     |  |

\* 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.

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG No.: Q2592

Instrument ID: MSVOA\_W

Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 09:54 12:55

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

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRF005 = VW031729.D |        | RRF010 = VW031730.D |        | RRF020 = VW031731.D |       |       |
|                             |        | RRF050 = VW031732.D |        | RRF100 = VW031733.D |        | RRF150 = VW031734.D |       |       |
| COMPOUND                    | RRF005 | RRF010              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| t-1,3-Dichloropropene       | 0.432  | 0.460               | 0.491  | 0.496               | 0.497  | 0.500               | 0.480 | 5.7   |
| cis-1,3-Dichloropropene     | 0.514  | 0.521               | 0.571  | 0.549               | 0.547  | 0.560               | 0.544 | 4.1   |
| 1,1,2-Trichloroethane       | 0.299  | 0.282               | 0.299  | 0.285               | 0.275  | 0.273               | 0.286 | 4     |
| 2-Hexanone                  | 0.185  | 0.201               | 0.195  | 0.219               | 0.201  | 0.199               | 0.200 | 5.6   |
| Dibromochloromethane        | 0.329  | 0.332               | 0.353  | 0.352               | 0.336  | 0.345               | 0.341 | 3     |
| 1,2-Dibromoethane           | 0.288  | 0.285               | 0.296  | 0.290               | 0.274  | 0.281               | 0.286 | 2.7   |
| Tetrachloroethene           | 0.331  | 0.321               | 0.324  | 0.314               | 0.329  | 0.344               | 0.327 | 3.2   |
| Chlorobenzene               | 1.128  | 1.116               | 1.116  | 1.062               | 1.078  | 1.120               | 1.103 | 2.4   |
| Ethyl Benzene               | 1.860  | 1.899               | 1.911  | 1.885               | 1.934  | 1.989               | 1.913 | 2.3   |
| m/p-Xylenes                 | 0.690  | 0.730               | 0.751  | 0.727               | 0.750  | 0.764               | 0.735 | 3.6   |
| o-Xylene                    | 0.636  | 0.654               | 0.685  | 0.682               | 0.705  | 0.723               | 0.681 | 4.7   |
| Styrene                     | 1.066  | 1.154               | 1.195  | 1.209               | 1.206  | 1.232               | 1.177 | 5.1   |
| Bromoform                   | 0.197  | 0.202               | 0.203  | 0.219               | 0.215  | 0.223               | 0.210 | 5.1   |
| Isopropylbenzene            | 3.643  | 3.549               | 3.683  | 3.732               | 4.080  | 4.132               | 3.803 | 6.4   |
| 1,1,2,2-Tetrachloroethane   | 0.891  | 0.839               | 0.812  | 0.843               | 0.829  | 0.852               | 0.844 | 3.2   |
| 1,3-Dichlorobenzene         | 1.771  | 1.705               | 1.683  | 1.644               | 1.681  | 1.723               | 1.701 | 2.5   |
| 1,4-Dichlorobenzene         | 1.815  | 1.750               | 1.700  | 1.702               | 1.735  | 1.745               | 1.741 | 2.4   |
| 1,2-Dichlorobenzene         | 1.599  | 1.518               | 1.511  | 1.575               | 1.563  | 1.563               | 1.555 | 2.2   |
| 1,2-Dibromo-3-Chloropropane | 0.169  | 0.159               | 0.153  | 0.166               | 0.167  | 0.174               | 0.165 | 4.6   |
| 1,2,4-Trichlorobenzene      | 0.965  | 0.899               | 0.929  | 0.933               | 1.000  | 1.028               | 0.959 | 5     |
| 1,2,3-Trichlorobenzene      | 0.863  | 0.865               | 0.827  | 0.862               | 0.944  | 0.926               | 0.881 | 5     |
| 1,2-Dichloroethane-d4       | 0.731  | 0.732               | 0.739  | 0.715               | 0.702  | 0.687               | 0.718 | 2.8   |
| Dibromofluoromethane        | 0.322  | 0.324               | 0.348  | 0.324               | 0.327  | 0.312               | 0.326 | 3.6   |
| Toluene-d8                  | 1.121  | 1.245               | 1.290  | 1.208               | 1.229  | 1.193               | 1.214 | 4.7   |
| 4-Bromofluorobenzene        | 0.436  | 0.452               | 0.463  | 0.447               | 0.450  | 0.434               | 0.447 | 2.4   |

\* 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.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:      | <u>MSVOA_W</u>    | Calibration Date/Time: | <u>07/14/2025 09:17</u>      |
| Lab File ID:        | <u>VW031836.D</u> | Init. Calib. Date(s):  | <u>06/30/2025 06/30/2025</u> |
| Heated Purge: (Y/N) | <u>Y</u>          | Init. Calib. Time(s):  | <u>09:54 12:55</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.341 | 0.280  |         | -17.89 | 20    |
| Chloromethane                  | 0.411 | 0.378  | 0.1     | -8.03  | 20    |
| Vinyl Chloride                 | 0.540 | 0.531  |         | -1.67  | 20    |
| Bromomethane                   | 0.421 | 0.400  |         | -4.99  | 20    |
| Chloroethane                   | 0.367 | 0.358  |         | -2.45  | 20    |
| Trichlorofluoromethane         | 0.490 | 0.456  |         | -6.94  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.544 | 0.533  |         | -2.02  | 20    |
| 1,1-Dichloroethene             | 0.596 | 0.589  |         | -1.17  | 20    |
| Acetone                        | 0.177 | 0.145  |         | -18.08 | 20    |
| Carbon Disulfide               | 1.594 | 1.487  |         | -6.71  | 20    |
| Methyl tert-butyl Ether        | 1.011 | 1.128  |         | 11.57  | 20    |
| Methyl Acetate                 | 0.507 | 0.534  |         | 5.32   | 20    |
| Methylene Chloride             | 0.814 | 0.750  |         | -7.86  | 20    |
| trans-1,2-Dichloroethene       | 0.633 | 0.635  |         | 0.32   | 20    |
| 1,1-Dichloroethane             | 1.156 | 1.213  | 0.1     | 4.93   | 20    |
| Cyclohexane                    | 1.022 | 0.980  |         | -4.11  | 20    |
| 2-Butanone                     | 0.231 | 0.228  |         | -1.3   | 20    |
| Carbon Tetrachloride           | 0.481 | 0.486  |         | 1.04   | 20    |
| cis-1,2-Dichloroethene         | 0.728 | 0.791  |         | 8.65   | 20    |
| Bromochloromethane             | 0.510 | 0.541  |         | 6.08   | 20    |
| Chloroform                     | 1.228 | 1.308  |         | 6.51   | 20    |
| 1,1,1-Trichloroethane          | 0.946 | 0.958  |         | 1.27   | 20    |
| Methylcyclohexane              | 0.587 | 0.596  |         | 1.53   | 20    |
| Benzene                        | 1.397 | 1.493  |         | 6.87   | 20    |
| 1,2-Dichloroethane             | 0.472 | 0.504  |         | 6.78   | 20    |
| Trichloroethene                | 0.349 | 0.356  |         | 2.01   | 20    |
| 1,2-Dichloropropane            | 0.338 | 0.370  |         | 9.47   | 20    |
| Bromodichloromethane           | 0.511 | 0.557  |         | 9      | 20    |
| 4-Methyl-2-Pentanone           | 0.295 | 0.307  |         | 4.07   | 20    |
| Toluene                        | 0.894 | 0.965  |         | 7.94   | 20    |
| t-1,3-Dichloropropene          | 0.480 | 0.537  |         | 11.88  | 20    |
| cis-1,3-Dichloropropene        | 0.544 | 0.609  |         | 11.95  | 20    |
| 1,1,2-Trichloroethane          | 0.286 | 0.308  |         | 7.69   | 20    |
| 2-Hexanone                     | 0.200 | 0.211  |         | 5.5    | 20    |
| Dibromochloromethane           | 0.341 | 0.372  |         | 9.09   | 20    |
| 1,2-Dibromoethane              | 0.286 | 0.299  |         | 4.55   | 20    |
| Tetrachloroethene              | 0.327 | 0.316  |         | -3.36  | 20    |
| Chlorobenzene                  | 1.103 | 1.152  | 0.3     | 4.44   | 20    |

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

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                        |
| Instrument ID:      | <u>MSVOA_W</u>    | Calibration Date/Time: | <u>07/14/2025</u> <u>09:17</u>      |
| Lab File ID:        | <u>VW031836.D</u> | Init. Calib. Date(s):  | <u>06/30/2025</u> <u>06/30/2025</u> |
| Heated Purge: (Y/N) | <u>Y</u>          | Init. Calib. Time(s):  | <u>09:54</u> <u>12:55</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.913 | 2.034  |            | 6.32  | 20    |
| m/p-Xylenes                 | 0.735 | 0.786  |            | 6.94  | 20    |
| o-Xylene                    | 0.681 | 0.751  |            | 10.28 | 20    |
| Styrene                     | 1.177 | 1.279  |            | 8.67  | 20    |
| Bromoform                   | 0.210 | 0.216  | 0.1        | 2.86  | 20    |
| Isopropylbenzene            | 3.803 | 4.171  |            | 9.68  | 20    |
| 1,1,2,2-Tetrachloroethane   | 0.844 | 0.921  | 0.3        | 9.12  | 20    |
| 1,3-Dichlorobenzene         | 1.701 | 1.869  |            | 9.88  | 20    |
| 1,4-Dichlorobenzene         | 1.741 | 1.813  |            | 4.14  | 20    |
| 1,2-Dichlorobenzene         | 1.555 | 1.670  |            | 7.39  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.165 | 0.166  |            | 0.61  | 20    |
| 1,2,4-Trichlorobenzene      | 0.959 | 0.982  |            | 2.4   | 20    |
| 1,2,3-Trichlorobenzene      | 0.881 | 0.953  |            | 8.17  | 20    |
| 1,2-Dichloroethane-d4       | 0.718 | 0.717  |            | -0.14 | 20    |
| Dibromofluoromethane        | 0.326 | 0.332  |            | 1.84  | 20    |
| Toluene-d8                  | 1.214 | 1.228  |            | 1.15  | 20    |
| 4-Bromofluorobenzene        | 0.447 | 0.466  |            | 4.25  | 20    |

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



## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test         | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------|-------------|--------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> | VOCMS Group1 | 8260D  | <b>07/11/25</b> |           | 07/14/25  | <b>07/11/25</b> |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>TCLP</b> | TCLP VOA     | 8260D  | <b>07/11/25</b> |           | 07/16/25  | <b>07/11/25</b> |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2592  
**Client:** PARSONS Engineering of New York, Inc.

| Sample ID            | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|---|-----|-----|-------|
| Client ID:           |           |        |           | 0             |   |     |     |       |
| Total Voc :          |           |        |           |               |   |     |     |       |
| Total Concentration: |           |        |           |               |   |     |     |       |

A

B

C

D

E

F

G



# SAMPLE DATA

## Report of Analysis

|                    |                                       |                 |          |
|--------------------|---------------------------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID:  | WC-SOIL-20250711                      | SDG No.:        | Q2592    |
| Lab Sample ID:     | Q2592-02                              | Matrix:         | TCLP     |
| Analytical Method: | 8260D                                 | % Solid:        | 0        |
| Sample Wt/Vol:     | 5 Units: mL                           | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | TCLP VOA |
| GC Column:         | DB-624UI ID : 0.18                    | Level :         | LOW      |
| Prep Method :      | SW5035                                |                 |          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047025.D        | 1         | 07/16/25 13:20 | VX071625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 75-01-4                   | Vinyl Chloride         | 5.00   | U         | 0.26     | 5.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 5.00   | U         | 0.23     | 5.00       | ug/L    |
| 78-93-3                   | 2-Butanone             | 25.0   | UQ        | 0.98     | 25.0       | ug/L    |
| 56-23-5                   | Carbon Tetrachloride   | 5.00   | U         | 0.25     | 5.00       | ug/L    |
| 67-66-3                   | Chloroform             | 5.00   | U         | 0.25     | 5.00       | ug/L    |
| 71-43-2                   | Benzene                | 5.00   | U         | 0.15     | 5.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 5.00   | U         | 0.22     | 5.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 5.00   | U         | 0.090    | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 5.00   | U         | 0.23     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene          | 5.00   | U         | 0.12     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 53.3   |           | 74 - 125 | 107%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 47.8   |           | 75 - 124 | 96%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 51.0   |           | 86 - 113 | 102%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 55.8   |           | 77 - 121 | 112%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 433000 | 5.562     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 775000 | 6.769     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 743000 | 10.055    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 381000 | 12.018    |          |            |         |

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

## Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260D

| Lab Sample ID | Client ID        | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                  |                       |       |        |              |      | Low        | High |
| Q2592-02      | WC-SOIL-20250711 | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          |      | 74         | 125  |
|               |                  | Dibromofluoromethane  | 50    | 47.8   | 96           |      | 75         | 124  |
|               |                  | Toluene-d8            | 50    | 51.0   | 102          |      | 86         | 113  |
|               |                  | 4-Bromofluorobenzene  | 50    | 55.8   | 112          |      | 77         | 121  |
| VX0716WBL01   | VX0716WBL01      | 1,2-Dichloroethane-d4 | 50    | 53.6   | 107          |      | 74         | 125  |
|               |                  | Dibromofluoromethane  | 50    | 49.5   | 99           |      | 75         | 124  |
|               |                  | Toluene-d8            | 50    | 48.1   | 96           |      | 86         | 113  |
|               |                  | 4-Bromofluorobenzene  | 50    | 52.5   | 105          |      | 77         | 121  |
| VX0716WBS01   | VX0716WBS01      | 1,2-Dichloroethane-d4 | 50    | 52.4   | 105          |      | 74         | 125  |
|               |                  | Dibromofluoromethane  | 50    | 48.8   | 98           |      | 75         | 124  |
|               |                  | Toluene-d8            | 50    | 48.1   | 96           |      | 86         | 113  |
|               |                  | 4-Bromofluorobenzene  | 50    | 52.0   | 104          |      | 77         | 121  |
| VX0716WBSD0   | VX0716WBSD01     | 1,2-Dichloroethane-d4 | 50    | 55.4   | 111          |      | 74         | 125  |
|               |                  | Dibromofluoromethane  | 50    | 50.2   | 100          |      | 75         | 124  |
|               |                  | Toluene-d8            | 50    | 48.0   | 96           |      | 86         | 113  |
|               |                  | 4-Bromofluorobenzene  | 50    | 52.0   | 104          |      | 77         | 121  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q2592 **Analytical Method:** SW8260D  
**Client:** PARSONS Engineering of New York, I **Datafile :** VX047022.D

| Lab Sample ID | Parameter            | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|----------------------|-------|--------|------|-----|-----|------|-----|--------|-----|
|               |                      |       |        |      |     |     |      |     | High   |     |
| VX0716WBS01   | Vinyl chloride       | 20    | 16.6   | ug/L | 83  |     |      | 65  | 117    |     |
|               | 1,1-Dichloroethene   | 20    | 17.7   | ug/L | 89  |     |      | 74  | 110    |     |
|               | 2-Butanone           | 100   | 140    | ug/L | 140 |     | *    | 65  | 122    |     |
|               | Carbon Tetrachloride | 20    | 18.4   | ug/L | 92  |     |      | 77  | 113    |     |
|               | Chloroform           | 20    | 20.0   | ug/L | 100 |     |      | 79  | 113    |     |
|               | Benzene              | 20    | 18.5   | ug/L | 93  |     |      | 82  | 109    |     |
|               | 1,2-Dichloroethane   | 20    | 20.1   | ug/L | 101 |     |      | 80  | 115    |     |
|               | Trichloroethene      | 20    | 17.6   | ug/L | 88  |     |      | 77  | 113    |     |
|               | Tetrachloroethene    | 20    | 17.5   | ug/L | 88  |     |      | 67  | 123    |     |
|               | Chlorobenzene        | 20    | 19.0   | ug/L | 95  |     |      | 82  | 109    |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2592 Analytical Method: SW8260D  
Client: PARSONS Engineering of New York, I Datafile : VX047023.D

| Lab Sample ID | Parameter            | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|----------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0716WBSD01  | Vinyl chloride       | 20    | 17.0   | ug/L | 85  | 2   |      | 65  | 117            | 19  |
|               | 1,1-Dichloroethene   | 20    | 17.9   | ug/L | 90  | 1   |      | 74  | 110            | 20  |
|               | 2-Butanone           | 100   | 150    | ug/L | 150 | 7   | *    | 65  | 122            | 26  |
|               | Carbon Tetrachloride | 20    | 18.3   | ug/L | 92  | 0   |      | 77  | 113            | 15  |
|               | Chloroform           | 20    | 20.7   | ug/L | 104 | 4   |      | 79  | 113            | 20  |
|               | Benzene              | 20    | 18.5   | ug/L | 93  | 0   |      | 82  | 109            | 15  |
|               | 1,2-Dichloroethane   | 20    | 20.8   | ug/L | 104 | 3   |      | 80  | 115            | 20  |
|               | Trichloroethene      | 20    | 17.5   | ug/L | 88  | 0   |      | 77  | 113            | 15  |
|               | Tetrachloroethene    | 20    | 17.6   | ug/L | 88  | 0   |      | 67  | 123            | 15  |
|               | Chlorobenzene        | 20    | 19.3   | ug/L | 97  | 2   |      | 82  | 109            | 15  |



VOLATILE METHOD BLANK SUMMARY

Client ID

VX0716WBL01

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX047018.D

Lab Sample ID: VX0716WBL01

Date Analyzed: 07/16/2025

Time Analyzed: 10:34

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_X

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VX0716WBS01       | VX0716WBS01      | VX047022.D     | 07/16/2025       |
| VX0716WBSD01      | VX0716WBSD01     | VX047023.D     | 07/16/2025       |
| WC-SOIL-20250711  | Q2592-02         | VX047025.D     | 07/16/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX046859.D

BFB Injection Date: 07/02/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 11:12

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 18.2                 |
| 75  | 30.0 - 60.0% of mass 95            | 50.1                 |
| 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         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 75.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.6 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 73.3 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.9 ( 6.7 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX046860.D  | 07/02/2025    | 12:11         |
| VSTDIC005 | VSTDIC005     | VX046861.D  | 07/02/2025    | 12:37         |
| VSTDIC020 | VSTDIC020     | VX046862.D  | 07/02/2025    | 13:18         |
| VSTDIC050 | VSTDIC050     | VX046863.D  | 07/02/2025    | 13:39         |
| VSTDIC100 | VSTDIC100     | VX046864.D  | 07/02/2025    | 14:10         |
| VSTDIC150 | VSTDIC150     | VX046865.D  | 07/02/2025    | 14:31         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: VX047015.D

BFB Injection Date: 07/16/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:58

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.4                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.8 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 72                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 69.2 ( 96.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 6.6 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID        | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050       | VSTDCCC050    | VX047016.D  | 07/16/2025    | 09:26         |
| VX0716WBL01      | VX0716WBL01   | VX047018.D  | 07/16/2025    | 10:34         |
| VX0716WBS01      | VX0716WBS01   | VX047022.D  | 07/16/2025    | 12:11         |
| VX0716WBSD01     | VX0716WBSD01  | VX047023.D  | 07/16/2025    | 12:38         |
| WC-SOIL-20250711 | Q2592-02      | VX047025.D  | 07/16/2025    | 13:20         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02  
Lab Code: ACE SDG NO.: Q2592  
Lab File ID: VX047016.D Date Analyzed: 07/16/2025  
Instrument ID: MSVOA\_X Time Analyzed: 09:26  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                  | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|------------------|---------------|-------|---------------|-------|---------------|--------|
| 12 HOUR STD      | 329194        | 5.56  | 557691        | 6.76  | 489553        | 10.06  |
| UPPER LIMIT      | 658388        | 6.056 | 1115380       | 7.263 | 979106        | 10.555 |
| LOWER LIMIT      | 164597        | 5.056 | 278846        | 6.263 | 244777        | 9.555  |
| EPA SAMPLE NO.   |               |       |               |       |               |        |
| WC-SOIL-20250711 | 432741        | 5.56  | 774714        | 6.77  | 742893        | 10.06  |
| VX0716WBL01      | 324808        | 5.56  | 553162        | 6.77  | 506524        | 10.06  |
| VX0716WBS01      | 322183        | 5.57  | 547259        | 6.77  | 491570        | 10.06  |
| VX0716WBSD01     | 310963        | 5.56  | 532754        | 6.77  | 475577        | 10.06  |

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: PARS02  
 Lab Code: ACE SDG NO.: Q2592  
 Lab File ID: VX047016.D Date Analyzed: 07/16/2025  
 Instrument ID: MSVOA\_X Time Analyzed: 09:26  
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                  | IS4<br>AREA # | RT #   |  |  |  |  |
|------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD      | 242580        | 12.018 |  |  |  |  |
| UPPER LIMIT      | 485160        | 12.518 |  |  |  |  |
| LOWER LIMIT      | 121290        | 11.518 |  |  |  |  |
| EPA SAMPLE NO.   |               |        |  |  |  |  |
| WC-SOIL-20250711 | 381197        | 12.02  |  |  |  |  |
| VX0716WBL01      | 262675        | 12.02  |  |  |  |  |
| VX0716WBS01      | 246550        | 12.02  |  |  |  |  |
| VX0716WBSD01     | 244320        | 12.02  |  |  |  |  |

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

## Report of Analysis

|                    |                                       |           |                 |          |
|--------------------|---------------------------------------|-----------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |          |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |          |
| Client Sample ID:  | VX0716WBL01                           |           | SDG No.:        | Q2592    |
| Lab Sample ID:     | VX0716WBL01                           |           | Matrix:         | TCLP     |
| Analytical Method: | 8260D                                 |           | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                     | Units: mL | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  |                                       | uL        | Test:           | TCLP VOA |
| GC Column:         | DB-624UI                              | ID : 0.18 | Level :         | LOW      |
| Prep Method :      |                                       |           |                 |          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047018.D        | 1         | 07/16/25 10:34 | VX071625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 75-01-4                   | Vinyl Chloride         | 5.00   | U         | 0.26     | 5.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 5.00   | U         | 0.23     | 5.00       | ug/L    |
| 78-93-3                   | 2-Butanone             | 25.0   | U         | 0.98     | 25.0       | ug/L    |
| 56-23-5                   | Carbon Tetrachloride   | 5.00   | U         | 0.25     | 5.00       | ug/L    |
| 67-66-3                   | Chloroform             | 5.00   | U         | 0.25     | 5.00       | ug/L    |
| 71-43-2                   | Benzene                | 5.00   | U         | 0.15     | 5.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 5.00   | U         | 0.22     | 5.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 5.00   | U         | 0.090    | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 5.00   | U         | 0.23     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene          | 5.00   | U         | 0.12     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 53.6   |           | 74 - 125 | 107%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 49.5   |           | 75 - 124 | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 48.1   |           | 86 - 113 | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 52.5   |           | 77 - 121 | 105%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 325000 | 5.562     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 553000 | 6.769     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 507000 | 10.055    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 263000 | 12.018    |          |            |         |

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

## Report of Analysis

|                    |                                       |           |                 |          |
|--------------------|---------------------------------------|-----------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |          |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |          |
| Client Sample ID:  | VX0716WBS01                           |           | SDG No.:        | Q2592    |
| Lab Sample ID:     | VX0716WBS01                           |           | Matrix:         | TCLP     |
| Analytical Method: | 8260D                                 |           | % Solid:        | 0        |
| Sample Wt/Vol:     | 5                                     | Units: mL | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  |                                       | uL        | Test:           | TCLP VOA |
| GC Column:         | DB-624UI                              | ID : 0.18 | Level :         | LOW      |
| Prep Method :      |                                       |           |                 |          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047022.D        | 1         | 07/16/25 12:11 | VX071625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 75-01-4                   | Vinyl Chloride         | 16.6   |           | 0.26     | 5.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 17.7   |           | 0.23     | 5.00       | ug/L    |
| 78-93-3                   | 2-Butanone             | 140    |           | 0.98     | 25.0       | ug/L    |
| 56-23-5                   | Carbon Tetrachloride   | 18.4   |           | 0.25     | 5.00       | ug/L    |
| 67-66-3                   | Chloroform             | 20.0   |           | 0.25     | 5.00       | ug/L    |
| 71-43-2                   | Benzene                | 18.5   |           | 0.15     | 5.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 20.1   |           | 0.22     | 5.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 17.6   |           | 0.090    | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 17.5   |           | 0.23     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene          | 19.0   |           | 0.12     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 52.4   |           | 74 - 125 | 105%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 48.8   |           | 75 - 124 | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 48.1   |           | 86 - 113 | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 52.0   |           | 77 - 121 | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 322000 | 5.568     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 547000 | 6.769     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 492000 | 10.055    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 247000 | 12.018    |          |            |         |

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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



## Report of Analysis

|                    |                                       |           |                 |          |    |
|--------------------|---------------------------------------|-----------|-----------------|----------|----|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected: |          |    |
| Project:           | Con Edison - East River Site 2        |           | Date Received:  |          |    |
| Client Sample ID:  | VX0716WBSD01                          |           | SDG No.:        | Q2592    |    |
| Lab Sample ID:     | VX0716WBSD01                          |           | Matrix:         | TCLP     |    |
| Analytical Method: | 8260D                                 |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                                     | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                                       | uL        | Test:           | TCLP VOA |    |
| GC Column:         | DB-624UI                              | ID : 0.18 | Level :         | LOW      |    |
| Prep Method :      |                                       |           |                 |          |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047023.D        | 1         | 07/16/25 12:38 | VX071625      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |          |            |         |
| 75-01-4                   | Vinyl Chloride         | 17.0   |           | 0.26     | 5.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 17.9   |           | 0.23     | 5.00       | ug/L    |
| 78-93-3                   | 2-Butanone             | 150    |           | 0.98     | 25.0       | ug/L    |
| 56-23-5                   | Carbon Tetrachloride   | 18.3   |           | 0.25     | 5.00       | ug/L    |
| 67-66-3                   | Chloroform             | 20.7   |           | 0.25     | 5.00       | ug/L    |
| 71-43-2                   | Benzene                | 18.5   |           | 0.15     | 5.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 20.8   |           | 0.22     | 5.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 17.5   |           | 0.090    | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 17.6   |           | 0.23     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene          | 19.3   |           | 0.12     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 55.4   |           | 74 - 125 | 111%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 50.2   |           | 75 - 124 | 100%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 48.0   |           | 86 - 113 | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 52.0   |           | 77 - 121 | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 311000 | 5.562     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 533000 | 6.769     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 476000 | 10.055    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 244000 | 12.018    |          |            |         |

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

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: PARS02  
Lab Code: ACE SDG No.: Q2592  
Instrument ID: MSVOA\_X Calibration Date(s): 07/02/2025 07/02/2025  
Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31  
GC Column: DB-624UI ID: 0.18 (mm)

|                       |        |                     |        |                     |        |                     |       |       |  |
|-----------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
| LAB FILE ID:          |        | RRF001 = VX046860.D |        | RRF005 = VX046861.D |        | RRF020 = VX046862.D |       |       |  |
|                       |        | RRF050 = VX046863.D |        | RRF100 = VX046864.D |        | RRF150 = VX046865.D |       |       |  |
| COMPOUND              | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |  |
| Vinyl Chloride        | 0.568  | 0.549               | 0.591  | 0.550               | 0.589  | 0.566               | 0.569 | 3.2   |  |
| 1,1-Dichloroethene    | 0.543  | 0.555               | 0.546  | 0.524               | 0.546  | 0.540               | 0.542 | 1.9   |  |
| 2-Butanone            | 0.260  | 0.270               | 0.275  | 0.275               | 0.276  | 0.286               | 0.274 | 3.1   |  |
| Carbon Tetrachloride  | 0.471  | 0.505               | 0.495  | 0.476               | 0.480  | 0.478               | 0.484 | 2.7   |  |
| Chloroform            | 1.150  | 1.106               | 1.112  | 1.048               | 1.052  | 1.050               | 1.087 | 3.9   |  |
| Benzene               | 1.391  | 1.445               | 1.452  | 1.356               | 1.342  | 1.324               | 1.385 | 3.9   |  |
| 1,2-Dichloroethane    | 0.499  | 0.477               | 0.487  | 0.460               | 0.453  | 0.446               | 0.470 | 4.4   |  |
| Trichloroethene       | 0.386  | 0.377               | 0.365  | 0.344               | 0.347  | 0.344               | 0.361 | 5     |  |
| Tetrachloroethene     | 0.353  | 0.346               | 0.345  | 0.315               | 0.320  | 0.318               | 0.333 | 5.1   |  |
| Chlorobenzene         | 1.111  | 1.117               | 1.113  | 1.049               | 1.051  | 1.045               | 1.081 | 3.3   |  |
| 1,2-Dichloroethane-d4 |        | 0.722               | 0.652  | 0.647               | 0.641  | 0.640               | 0.661 | 5.3   |  |
| Dibromofluoromethane  |        | 0.355               | 0.346  | 0.339               | 0.332  | 0.325               | 0.339 | 3.5   |  |
| Toluene-d8            |        | 1.278               | 1.220  | 1.195               | 1.160  | 1.135               | 1.197 | 4.6   |  |
| 4-Bromofluorobenzene  |        | 0.493               | 0.469  | 0.455               | 0.433  | 0.426               | 0.455 | 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.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>07/16/2025</u> <u>09:26</u>      |
| Lab File ID:        | <u>VX047016.D</u> | Init. Calib. Date(s):  | <u>07/02/2025</u> <u>07/02/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>12:11</u> <u>14:31</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND              | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|-----------------------|-------|--------|------------|--------|-------|
| Vinyl Chloride        | 0.569 | 0.550  |            | -3.34  | 20    |
| 1,1-Dichloroethene    | 0.542 | 0.535  |            | -1.29  | 20    |
| 2-Butanone            | 0.274 | 0.363  |            | 32.48  | 20    |
| Carbon Tetrachloride  | 0.484 | 0.468  |            | -3.31  | 20    |
| Chloroform            | 1.087 | 1.131  |            | 4.05   | 20    |
| Benzene               | 1.385 | 1.335  |            | -3.61  | 20    |
| 1,2-Dichloroethane    | 0.470 | 0.485  |            | 3.19   | 20    |
| Trichloroethene       | 0.361 | 0.334  |            | -7.48  | 20    |
| Tetrachloroethene     | 0.333 | 0.298  |            | -10.51 | 20    |
| Chlorobenzene         | 1.081 | 1.054  | 0.3        | -2.5   | 20    |
| 1,2-Dichloroethane-d4 | 0.661 | 0.692  |            | 4.69   | 20    |
| Dibromofluoromethane  | 0.339 | 0.335  |            | -1.18  | 20    |
| Toluene-d8            | 1.197 | 1.120  |            | -6.43  | 20    |
| 4-Bromofluorobenzene  | 0.455 | 0.448  |            | -1.54  | 20    |

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

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>07/11/25</b> | 07/15/25  | 07/16/25  | <b>07/11/25</b> |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>TCLP</b> | TCLP BNA      | 8270E  | <b>07/11/25</b> | 07/16/25  | 07/16/25  | <b>07/11/25</b> |

### Hit Summary Sheet SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

| Sample ID                           | Client ID        | Matrix | Parameter                           | Concentration    | C | MDL  | RDL  | Units |
|-------------------------------------|------------------|--------|-------------------------------------|------------------|---|------|------|-------|
| <b>Client ID : WC-SOIL-20250711</b> |                  |        |                                     |                  |   |      |      |       |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Fluoranthene                        | 760.000          | J | 200  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Pyrene                              | 690.000          | J | 230  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Butylbenzylphthalate                | 860.000          | J | 460  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzo(a)anthracene                  | 490.000          | J | 150  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Chrysene                            | 570.000          | J | 130  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Bis(2-ethylhexyl)phthalate          | 2,000.000        |   | 390  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzo(b)fluoranthene                | 810.000          | J | 120  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzo(a)pyrene                      | 620.000          | J | 190  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Indeno(1,2,3-cd)pyrene              | 470.000          | J | 190  | 1100 | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzo(g,h,i)perylene                | 640.000          | J | 170  | 1100 | ug/Kg |
| <b>Total Svoc :</b>                 |                  |        |                                     | <b>7,910.00</b>  |   |      |      |       |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzenamine, 2-methoxy- *           | 680.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzene, 1-isocyanato-2-methoxy *   | 470.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzophenone *                      | 510.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | n-Hexadecanoic acid *               | 980.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Octadecanoic acid *                 | 770.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Phenol, 4,4-(1-methylethylidene)b * | 1,500.000        | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | unknown16.113 *                     | 460.000          | J | 0    | 0    | ug/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Benzoic acid *                      | 1,400.000        | J | 1200 | 2100 | ug/Kg |
| <b>Total Tics :</b>                 |                  |        |                                     | <b>6,770.00</b>  |   |      |      |       |
| <b>Total Concentration:</b>         |                  |        |                                     | <b>14,680.00</b> |   |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25      |
| Client Sample ID:  | WC-SOIL-20250711                      | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2592-01                              | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 76.7          |
| Sample Wt/Vol:     | 30.07 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025166.D        | 5         | 07/15/25 09:05 | 07/16/25 20:22 | PB168854      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 2100  | U         | 1000 | 2100       | ug/Kg             |
| 108-95-2       | Phenol                      | 1100  | U         | 140  | 1100       | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  | U         | 160  | 1100       | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 1100  | U         | 160  | 1100       | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 1100  | U         | 190  | 1100       | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  | U         | 240  | 1100       | ug/Kg             |
| 98-86-2        | Acetophenone                | 1100  | U         | 190  | 1100       | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 2100  | U         | 270  | 2100       | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 520   | U         | 310  | 520        | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 1100  | U         | 110  | 1100       | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 1100  | U         | 120  | 1100       | ug/Kg             |
| 78-59-1        | Isophorone                  | 1100  | U         | 210  | 1100       | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 1100  | U         | 380  | 1100       | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 1100  | U         | 420  | 1100       | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  | U         | 200  | 1100       | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  | U         | 180  | 1100       | ug/Kg             |
| 91-20-3        | Naphthalene                 | 1100  | U         | 150  | 1100       | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 1100  | U         | 230  | 1100       | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 1100  | U         | 160  | 1100       | ug/Kg             |
| 105-60-2       | Caprolactam                 | 2100  | U         | 340  | 2100       | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  | U         | 190  | 1100       | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 1100  | U         | 170  | 1100       | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 2100  | U         | 750  | 2100       | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  | U         | 130  | 1100       | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  | U         | 190  | 1100       | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 1100  | U         | 140  | 1100       | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 1100  | U         | 150  | 1100       | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 1100  | U         | 310  | 1100       | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 1100  | U         | 180  | 1100       | ug/Kg             |



## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25      |
| Client Sample ID:  | WC-SOIL-20250711                      | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2592-01                              | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 76.7          |
| Sample Wt/Vol:     | 30.07 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025166.D        | 5         | 07/15/25 09:05 | 07/16/25 20:22 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 1100  | U         | 190  | 1100       | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  | U         | 220  | 1100       | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 1100  | U         | 300  | 1100       | ug/Kg             |
| 83-32-9    | Acenaphthene               | 1100  | U         | 140  | 1100       | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 2100  | U         | 1500 | 2100       | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 2100  | U         | 700  | 2100       | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 1100  | U         | 150  | 1100       | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  | U         | 330  | 1100       | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 1100  | U         | 180  | 1100       | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  | U         | 170  | 1100       | ug/Kg             |
| 86-73-7    | Fluorene                   | 1100  | U         | 160  | 1100       | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 1100  | UQ        | 420  | 1100       | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 2100  | U         | 670  | 2100       | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 1100  | U         | 210  | 1100       | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  | U         | 180  | 1100       | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 1100  | U         | 160  | 1100       | ug/Kg             |
| 1912-24-9  | Atrazine                   | 1100  | U         | 220  | 1100       | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 2100  | U         | 330  | 2100       | ug/Kg             |
| 85-01-8    | Phenanthrene               | 1100  | U         | 140  | 1100       | ug/Kg             |
| 120-12-7   | Anthracene                 | 1100  | U         | 220  | 1100       | ug/Kg             |
| 86-74-8    | Carbazole                  | 1100  | U         | 200  | 1100       | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 1100  | U         | 310  | 1100       | ug/Kg             |
| 206-44-0   | Fluoranthene               | 760   | J         | 200  | 1100       | ug/Kg             |
| 129-00-0   | Pyrene                     | 690   | J         | 230  | 1100       | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 860   | J         | 460  | 1100       | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 2100  | U         | 240  | 2100       | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 490   | J         | 150  | 1100       | ug/Kg             |
| 218-01-9   | Chrysene                   | 570   | J         | 130  | 1100       | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 2000  |           | 390  | 1100       | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 2100  | U         | 560  | 2100       | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 810   | J         | 120  | 1100       | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25      |
| Client Sample ID:  | WC-SOIL-20250711                      | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2592-01                              | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 76.7          |
| Sample Wt/Vol:     | 30.07 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025166.D        | 5         | 07/15/25 09:05 | 07/16/25 20:22 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|-----|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 1100  | U         | 150 | 1100       | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 620   | J         | 190 | 1100       | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 470   | J         | 190 | 1100       | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1100  | U         | 180 | 1100       | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 640   | J         | 170 | 1100       | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  | U         | 170 | 1100       | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 1100  | U         | 290 | 1100       | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1100  | U         | 180 | 1100       | ug/Kg             |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 70.8 |  | 18 - 112 | 47% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 71.5 |  | 15 - 107 | 48% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 53.2 |  | 18 - 107 | 53% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 55.4 |  | 20 - 109 | 55% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 97.1 |  | 10 - 116 | 65% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 58.2 |  | 10 - 105 | 58% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 569000  | 7.443  |
| 1146-65-2  | Naphthalene-d8         | 2220000 | 10.19  |
| 15067-26-2 | Acenaphthene-d10       | 1400000 | 14.101 |
| 1517-22-2  | Phenanthrene-d10       | 2850000 | 16.919 |
| 1719-03-5  | Chrysene-d12           | 3030000 | 21.348 |
| 1520-96-3  | Perylene-d12           | 3540000 | 24.495 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                  |      |   |      |       |
|-------------|----------------------------------|------|---|------|-------|
| 65-85-0     | Benzoic acid                     | 1400 | J | 9.46 | ug/Kg |
| 000090-04-0 | Benzenamine, 2-methoxy-          | 680  | J | 9.91 | ug/Kg |
| 000700-87-8 | Benzene, 1-isocyanato-2-methoxy- | 470  | J | 10.4 | ug/Kg |
| 000119-61-9 | Benzophenone                     | 510  | J | 15.5 | ug/Kg |
|             | unknown16.113                    | 460  | J | 16.1 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid              | 980  | J | 17.9 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                | 770  | J | 19.3 | ug/Kg |

## Report of Analysis

|                    |                                       |                  |                 |               |
|--------------------|---------------------------------------|------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/11/25      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/11/25      |
| Client Sample ID:  | WC-SOIL-20250711                      |                  | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2592-01                              |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 76.7          |
| Sample Wt/Vol:     | 30.07                                 | Units: g         | 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 :      | SW3541                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025166.D        | 5         | 07/15/25 09:05 | 07/16/25 20:22 | PB168854      |

| CAS Number  | Parameter                         | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------------|-------|-----------|-----|------------|-------------------|
| 000080-05-7 | Phenol, 4,4-(1-methylethylidene)b | 1500  | J         |     | 19.5       | ug/Kg             |

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

## Surrogate Summary

SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

| Lab Sample ID | Client ID        | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |                  |                      |             |              |              |      | Low        | High |
| PB168854BL    | PB168854BL       | 2-Fluorophenol       | 150         | 110          | 73           |      | 18         | 112  |
|               |                  | Phenol-d6            | 150         | 110          | 73           |      | 15         | 107  |
|               |                  | Nitrobenzene-d5      | 100         | 82.0         | 82           |      | 18         | 107  |
|               |                  | 2-Fluorobiphenyl     | 100         | 70.8         | 71           |      | 20         | 109  |
|               |                  | 2,4,6-Tribromophenol | 150         | 131          | 87           |      | 10         | 116  |
|               |                  | Terphenyl-d14        | 100         | 77.2         | 77           |      | 10         | 105  |
| PB168854BS    | PB168854BS       | 2-Fluorophenol       | 150         | 112          | 75           |      | 18         | 112  |
|               |                  | Phenol-d6            | 150         | 114          | 76           |      | 15         | 107  |
|               |                  | Nitrobenzene-d5      | 100         | 86.0         | 86           |      | 18         | 107  |
|               |                  | 2-Fluorobiphenyl     | 100         | 72.4         | 72           |      | 20         | 109  |
|               |                  | 2,4,6-Tribromophenol | 150         | 140          | 94           |      | 10         | 116  |
|               |                  | Terphenyl-d14        | 100         | 79.7         | 80           |      | 10         | 105  |
| Q2592-01      | WC-SOIL-20250711 | 2-Fluorophenol       | 150         | 70.8         | 47           |      | 18         | 112  |
|               |                  | Phenol-d6            | 150         | 71.5         | 48           |      | 15         | 107  |
|               |                  | Nitrobenzene-d5      | 100         | 53.2         | 53           |      | 18         | 107  |
|               |                  | 2-Fluorobiphenyl     | 100         | 55.4         | 55           |      | 20         | 109  |
|               |                  | 2,4,6-Tribromophenol | 150         | 97.1         | 65           |      | 10         | 116  |
|               |                  | Terphenyl-d14        | 100         | 58.2         | 58           |      | 10         | 105  |
| Q2597-01MS    | CHRT-26899MS     | 2-Fluorophenol       | 150         | 81.7         | 54           |      | 18         | 112  |
|               |                  | Phenol-d6            | 150         | 79.9         | 53           |      | 15         | 107  |
|               |                  | Nitrobenzene-d5      | 100         | 60.7         | 61           |      | 18         | 107  |
|               |                  | 2-Fluorobiphenyl     | 100         | 62.3         | 62           |      | 20         | 109  |
|               |                  | 2,4,6-Tribromophenol | 150         | 106          | 71           |      | 10         | 116  |
|               |                  | Terphenyl-d14        | 100         | 63.9         | 64           |      | 10         | 105  |
| Q2597-01MSD   | CHRT-26899MSD    | 2-Fluorophenol       | 150         | 82.8         | 55           |      | 18         | 112  |
|               |                  | Phenol-d6            | 150         | 80.9         | 54           |      | 15         | 107  |
|               |                  | Nitrobenzene-d5      | 100         | 59.8         | 60           |      | 18         | 107  |
|               |                  | 2-Fluorobiphenyl     | 100         | 60.6         | 61           |      | 20         | 109  |
|               |                  | 2,4,6-Tribromophenol | 150         | 105          | 70           |      | 10         | 116  |
|               |                  | Terphenyl-d14        | 100         | 62.7         | 63           |      | 10         | 105  |

## Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592

Analytical Method: SW8270E

Client: PARSONS Engineering of New York, Inc.

DataFile: BP025191.D

| Parameter                   | Spike | Sample Result                  | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------|-------|--------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| Lab Sample ID: Q2597-01MS   |       | Client Sample ID: CHRT-26899MS |        |       |     |          |     |          |     |             |     |
| Benzaldehyde                | 1000  | 0                              | 880    | ug/Kg | 88  |          |     |          | 10  | 171         |     |
| Phenol                      | 1000  | 0                              | 860    | ug/Kg | 86  |          |     |          | 51  | 122         |     |
| bis(2-Chloroethyl)ether     | 1000  | 0                              | 840    | ug/Kg | 84  |          |     |          | 54  | 125         |     |
| 2-Chlorophenol              | 1000  | 0                              | 910    | ug/Kg | 91  |          |     |          | 51  | 121         |     |
| 2-Methylphenol              | 1000  | 0                              | 930    | ug/Kg | 93  |          |     |          | 47  | 125         |     |
| 2,2-oxybis(1-Chloropropane) | 1000  | 0                              | 800    | ug/Kg | 80  |          |     |          | 46  | 119         |     |
| Acetophenone                | 1000  | 0                              | 800    | ug/Kg | 80  |          |     |          | 55  | 128         |     |
| 3+4-Methylphenols           | 1000  | 0                              | 900    | ug/Kg | 90  |          |     |          | 49  | 125         |     |
| N-Nitroso-di-n-propylamine  | 1000  | 0                              | 790    | ug/Kg | 79  |          |     |          | 59  | 119         |     |
| Hexachloroethane            | 1000  | 0                              | 920    | ug/Kg | 92  |          |     |          | 51  | 116         |     |
| Nitrobenzene                | 1000  | 0                              | 880    | ug/Kg | 88  |          |     |          | 47  | 124         |     |
| Isophorone                  | 1000  | 0                              | 900    | ug/Kg | 90  |          |     |          | 49  | 127         |     |
| 2-Nitrophenol               | 1000  | 0                              | 1000   | ug/Kg | 100 |          |     |          | 43  | 131         |     |
| 2,4-Dimethylphenol          | 1000  | 0                              | 1200   | ug/Kg | 120 |          |     |          | 63  | 151         |     |
| bis(2-Chloroethoxy)methane  | 1000  | 0                              | 850    | ug/Kg | 85  |          |     |          | 51  | 119         |     |
| 2,4-Dichlorophenol          | 1000  | 0                              | 950    | ug/Kg | 95  |          |     |          | 50  | 122         |     |
| Naphthalene                 | 1000  | 0                              | 840    | ug/Kg | 84  |          |     |          | 51  | 121         |     |
| 4-Chloroaniline             | 1000  | 0                              | 440    | ug/Kg | 44  |          |     |          | 10  | 100         |     |
| Hexachlorobutadiene         | 1000  | 0                              | 980    | ug/Kg | 98  |          |     |          | 44  | 126         |     |
| Caprolactam                 | 1000  | 0                              | 860    | ug/Kg | 86  |          |     |          | 51  | 134         |     |
| 4-Chloro-3-methylphenol     | 1000  | 0                              | 880    | ug/Kg | 88  |          |     |          | 57  | 132         |     |
| 2-Methylnaphthalene         | 1000  | 0                              | 770    | ug/Kg | 77  |          |     |          | 59  | 123         |     |
| Hexachlorocyclopentadiene   | 2000  | 0                              | 2500   | ug/Kg | 125 |          |     |          | 10  | 175         |     |
| 2,4,6-Trichlorophenol       | 1000  | 0                              | 1100   | ug/Kg | 110 |          |     |          | 33  | 141         |     |
| 2,4,5-Trichlorophenol       | 1000  | 0                              | 1000   | ug/Kg | 100 |          |     |          | 38  | 135         |     |
| 1,1-Biphenyl                | 1000  | 0                              | 880    | ug/Kg | 88  |          |     |          | 55  | 131         |     |
| 2-Chloronaphthalene         | 1000  | 0                              | 910    | ug/Kg | 91  |          |     |          | 48  | 124         |     |
| 2-Nitroaniline              | 1000  | 0                              | 940    | ug/Kg | 94  |          |     |          | 47  | 134         |     |
| Dimethylphthalate           | 1000  | 0                              | 850    | ug/Kg | 85  |          |     |          | 54  | 120         |     |
| Acenaphthylene              | 1000  | 0                              | 950    | ug/Kg | 95  |          |     |          | 57  | 125         |     |
| 2,6-Dinitrotoluene          | 1000  | 0                              | 1000   | ug/Kg | 100 |          |     |          | 48  | 127         |     |
| 3-Nitroaniline              | 1000  | 0                              | 810    | ug/Kg | 81  |          |     |          | 10  | 112         |     |
| Acenaphthene                | 1000  | 0                              | 850    | ug/Kg | 85  |          |     |          | 70  | 121         |     |
| 2,4-Dinitrophenol           | 2000  | 0                              | 1100   | ug/Kg | 55  |          |     |          | 10  | 155         |     |
| 4-Nitrophenol               | 2000  | 0                              | 1800   | ug/Kg | 90  |          |     |          | 10  | 175         |     |
| Dibenzofuran                | 1000  | 0                              | 810    | ug/Kg | 81  |          |     |          | 52  | 114         |     |
| 2,4-Dinitrotoluene          | 1000  | 0                              | 900    | ug/Kg | 90  |          |     |          | 41  | 140         |     |
| Diethylphthalate            | 1000  | 0                              | 810    | ug/Kg | 81  |          |     |          | 51  | 119         |     |
| 4-Chlorophenyl-phenylether  | 1000  | 0                              | 820    | ug/Kg | 82  |          |     |          | 48  | 122         |     |
| Fluorene                    | 1000  | 0                              | 790    | ug/Kg | 79  |          |     |          | 53  | 118         |     |
| 4-Nitroaniline              | 1000  | 0                              | 830    | ug/Kg | 83  |          |     |          | 29  | 140         |     |
| 4,6-Dinitro-2-methylphenol  | 1000  | 0                              | 690    | ug/Kg | 69  |          |     |          | 10  | 160         |     |
| N-Nitrosodiphenylamine      | 1000  | 0                              | 970    | ug/Kg | 97  |          |     |          | 73  | 118         |     |
| 4-Bromophenyl-phenylether   | 1000  | 0                              | 1100   | ug/Kg | 110 |          |     |          | 65  | 121         |     |
| Hexachlorobenzene           | 1000  | 0                              | 1000   | ug/Kg | 100 |          |     |          | 67  | 118         |     |
| Atrazine                    | 1000  | 0                              | 1200   | ug/Kg | 120 |          |     |          | 45  | 175         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2592

**Analytical Method:** SW8270E

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

**DataFile:** BP025191.D

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| Pentachlorophenol          | 2000  | 0             | 2000   | ug/Kg | 100 |          |     |          | 13  | 153         |     |
| Phenanthrene               | 1000  | 0             | 880    | ug/Kg | 88  |          |     |          | 52  | 128         |     |
| Anthracene                 | 1000  | 0             | 920    | ug/Kg | 92  |          |     |          | 62  | 124         |     |
| Carbazole                  | 1000  | 0             | 870    | ug/Kg | 87  |          |     |          | 59  | 119         |     |
| Di-n-butylphthalate        | 1000  | 0             | 920    | ug/Kg | 92  |          |     |          | 55  | 125         |     |
| Fluoranthene               | 1000  | 100           | 910    | ug/Kg | 81  |          |     |          | 44  | 125         |     |
| Pyrene                     | 1000  | 110           | 850    | ug/Kg | 74  |          |     |          | 37  | 122         |     |
| Butylbenzylphthalate       | 1000  | 0             | 930    | ug/Kg | 93  |          |     |          | 44  | 135         |     |
| 3,3-Dichlorobenzidine      | 1000  | 0             | 560    | ug/Kg | 56  |          |     |          | 15  | 112         |     |
| Benzo(a)anthracene         | 1000  | 62.5          | 930    | ug/Kg | 87  |          |     |          | 53  | 119         |     |
| Chrysene                   | 1000  | 92.0          | 930    | ug/Kg | 84  |          |     |          | 57  | 121         |     |
| bis(2-Ethylhexyl)phthalate | 1000  | 120           | 1100   | ug/Kg | 98  |          |     |          | 42  | 169         |     |
| Di-n-octyl phthalate       | 1000  | 0             | 1000   | ug/Kg | 100 |          |     |          | 51  | 156         |     |
| Benzo(b)fluoranthene       | 1000  | 140           | 930    | ug/Kg | 79  |          |     |          | 52  | 117         |     |
| Benzo(k)fluoranthene       | 1000  | 46.9          | 890    | ug/Kg | 84  |          |     |          | 57  | 134         |     |
| Benzo(a)pyrene             | 1000  | 63.6          | 1000   | ug/Kg | 94  |          |     |          | 70  | 142         |     |
| Indeno(1,2,3-cd)pyrene     | 1000  | 62.9          | 1000   | ug/Kg | 94  |          |     |          | 40  | 129         |     |
| Dibenz(a,h)anthracene      | 1000  | 0             | 980    | ug/Kg | 98  |          |     |          | 43  | 123         |     |
| Benzo(g,h,i)perylene       | 1000  | 76.3          | 990    | ug/Kg | 91  |          |     |          | 24  | 125         |     |
| 1,2,4,5-Tetrachlorobenzene | 1000  | 0             | 950    | ug/Kg | 95  |          |     |          | 52  | 134         |     |
| 1,4-Dioxane                | 1000  | 0             | 680    | ug/Kg | 68  |          |     |          | 46  | 112         |     |
| 2,3,4,6-Tetrachlorophenol  | 1000  | 0             | 950    | ug/Kg | 95  |          |     |          | 24  | 146         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2592

**Analytical Method:** SW8270E

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

**DataFile:** BP025192.D

| Parameter                   | Spike              | Sample Result            | Result               | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|----------------------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>Q2597-01MSD</b> | <b>Client Sample ID:</b> | <b>CHRT-26899MSD</b> |       |     |          |     |          |     |             |     |
| Benzaldehyde                | 1000               | 0                        | 870                  | ug/Kg | 87  |          | 1   |          | 10  | 171         | 20  |
| Phenol                      | 1000               | 0                        | 870                  | ug/Kg | 87  |          | 1   |          | 51  | 122         | 20  |
| bis(2-Chloroethyl)ether     | 1000               | 0                        | 840                  | ug/Kg | 84  |          | 0   |          | 54  | 125         | 20  |
| 2-Chlorophenol              | 1000               | 0                        | 930                  | ug/Kg | 93  |          | 2   |          | 51  | 121         | 20  |
| 2-Methylphenol              | 1000               | 0                        | 930                  | ug/Kg | 93  |          | 0   |          | 47  | 125         | 20  |
| 2,2-oxybis(1-Chloropropane) | 1000               | 0                        | 800                  | ug/Kg | 80  |          | 0   |          | 46  | 119         | 20  |
| Acetophenone                | 1000               | 0                        | 800                  | ug/Kg | 80  |          | 0   |          | 55  | 128         | 20  |
| 3+4-Methylphenols           | 1000               | 0                        | 900                  | ug/Kg | 90  |          | 0   |          | 49  | 125         | 20  |
| N-Nitroso-di-n-propylamine  | 1000               | 0                        | 790                  | ug/Kg | 79  |          | 0   |          | 59  | 119         | 20  |
| Hexachloroethane            | 1000               | 0                        | 920                  | ug/Kg | 92  |          | 0   |          | 51  | 116         | 20  |
| Nitrobenzene                | 1000               | 0                        | 860                  | ug/Kg | 86  |          | 2   |          | 47  | 124         | 20  |
| Isophorone                  | 1000               | 0                        | 890                  | ug/Kg | 89  |          | 1   |          | 49  | 127         | 20  |
| 2-Nitrophenol               | 1000               | 0                        | 1000                 | ug/Kg | 100 |          | 0   |          | 43  | 131         | 20  |
| 2,4-Dimethylphenol          | 1000               | 0                        | 1200                 | ug/Kg | 120 |          | 0   |          | 63  | 151         | 20  |
| bis(2-Chloroethoxy)methane  | 1000               | 0                        | 840                  | ug/Kg | 84  |          | 1   |          | 51  | 119         | 20  |
| 2,4-Dichlorophenol          | 1000               | 0                        | 960                  | ug/Kg | 96  |          | 1   |          | 50  | 122         | 20  |
| Naphthalene                 | 1000               | 0                        | 840                  | ug/Kg | 84  |          | 0   |          | 51  | 121         | 20  |
| 4-Chloroaniline             | 1000               | 0                        | 460                  | ug/Kg | 46  |          | 4   |          | 10  | 100         | 20  |
| Hexachlorobutadiene         | 1000               | 0                        | 980                  | ug/Kg | 98  |          | 0   |          | 44  | 126         | 20  |
| Caprolactam                 | 1000               | 0                        | 850                  | ug/Kg | 85  |          | 1   |          | 51  | 134         | 20  |
| 4-Chloro-3-methylphenol     | 1000               | 0                        | 880                  | ug/Kg | 88  |          | 0   |          | 57  | 132         | 20  |
| 2-Methylnaphthalene         | 1000               | 0                        | 760                  | ug/Kg | 76  |          | 1   |          | 59  | 123         | 20  |
| Hexachlorocyclopentadiene   | 2000               | 0                        | 2300                 | ug/Kg | 115 |          | 8   |          | 10  | 175         | 20  |
| 2,4,6-Trichlorophenol       | 1000               | 0                        | 1100                 | ug/Kg | 110 |          | 0   |          | 33  | 141         | 20  |
| 2,4,5-Trichlorophenol       | 1000               | 0                        | 1000                 | ug/Kg | 100 |          | 0   |          | 38  | 135         | 20  |
| 1,1-Biphenyl                | 1000               | 0                        | 860                  | ug/Kg | 86  |          | 2   |          | 55  | 131         | 20  |
| 2-Chloronaphthalene         | 1000               | 0                        | 900                  | ug/Kg | 90  |          | 1   |          | 48  | 124         | 20  |
| 2-Nitroaniline              | 1000               | 0                        | 940                  | ug/Kg | 94  |          | 0   |          | 47  | 134         | 20  |
| Dimethylphthalate           | 1000               | 0                        | 830                  | ug/Kg | 83  |          | 2   |          | 54  | 120         | 20  |
| Acenaphthylene              | 1000               | 0                        | 940                  | ug/Kg | 94  |          | 1   |          | 57  | 125         | 20  |
| 2,6-Dinitrotoluene          | 1000               | 0                        | 1000                 | ug/Kg | 100 |          | 0   |          | 48  | 127         | 20  |
| 3-Nitroaniline              | 1000               | 0                        | 800                  | ug/Kg | 80  |          | 1   |          | 10  | 112         | 20  |
| Acenaphthene                | 1000               | 0                        | 820                  | ug/Kg | 82  |          | 4   |          | 70  | 121         | 20  |
| 2,4-Dinitrophenol           | 2000               | 0                        | 1100                 | ug/Kg | 55  |          | 0   |          | 10  | 155         | 20  |
| 4-Nitrophenol               | 2000               | 0                        | 1800                 | ug/Kg | 90  |          | 0   |          | 10  | 175         | 20  |
| Dibenzofuran                | 1000               | 0                        | 790                  | ug/Kg | 79  |          | 3   |          | 52  | 114         | 20  |
| 2,4-Dinitrotoluene          | 1000               | 0                        | 900                  | ug/Kg | 90  |          | 0   |          | 41  | 140         | 20  |
| Diethylphthalate            | 1000               | 0                        | 800                  | ug/Kg | 80  |          | 1   |          | 51  | 119         | 20  |
| 4-Chlorophenyl-phenylether  | 1000               | 0                        | 810                  | ug/Kg | 81  |          | 1   |          | 48  | 122         | 20  |
| Fluorene                    | 1000               | 0                        | 790                  | ug/Kg | 79  |          | 0   |          | 53  | 118         | 20  |
| 4-Nitroaniline              | 1000               | 0                        | 820                  | ug/Kg | 82  |          | 1   |          | 29  | 140         | 20  |
| 4,6-Dinitro-2-methylphenol  | 1000               | 0                        | 670                  | ug/Kg | 67  |          | 3   |          | 10  | 160         | 20  |
| N-Nitrosodiphenylamine      | 1000               | 0                        | 950                  | ug/Kg | 95  |          | 2   |          | 73  | 118         | 20  |
| 4-Bromophenyl-phenylether   | 1000               | 0                        | 1100                 | ug/Kg | 110 |          | 0   |          | 65  | 121         | 20  |
| Hexachlorobenzene           | 1000               | 0                        | 1000                 | ug/Kg | 100 |          | 0   |          | 67  | 118         | 20  |
| Atrazine                    | 1000               | 0                        | 1200                 | ug/Kg | 120 |          | 0   |          | 45  | 175         | 20  |



**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2592

**Analytical Method:** SW8270E

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

**DataFile:** BP025192.D

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Pentachlorophenol          | 2000  | 0                | 2000   | ug/Kg | 100 |             | 0   |             | 13  | 153            | 20  |
| Phenanthrene               | 1000  | 0                | 850    | ug/Kg | 85  |             | 3   |             | 52  | 128            | 20  |
| Anthracene                 | 1000  | 0                | 910    | ug/Kg | 91  |             | 1   |             | 62  | 124            | 20  |
| Carbazole                  | 1000  | 0                | 860    | ug/Kg | 86  |             | 1   |             | 59  | 119            | 20  |
| Di-n-butylphthalate        | 1000  | 0                | 890    | ug/Kg | 89  |             | 3   |             | 55  | 125            | 20  |
| Fluoranthene               | 1000  | 100              | 890    | ug/Kg | 79  |             | 3   |             | 44  | 125            | 20  |
| Pyrene                     | 1000  | 110              | 860    | ug/Kg | 75  |             | 1   |             | 37  | 122            | 20  |
| Butylbenzylphthalate       | 1000  | 0                | 920    | ug/Kg | 92  |             | 1   |             | 44  | 135            | 20  |
| 3,3-Dichlorobenzidine      | 1000  | 0                | 600    | ug/Kg | 60  |             | 7   |             | 15  | 112            | 20  |
| Benzo(a)anthracene         | 1000  | 62.5             | 930    | ug/Kg | 87  |             | 0   |             | 53  | 119            | 20  |
| Chrysene                   | 1000  | 92.0             | 930    | ug/Kg | 84  |             | 0   |             | 57  | 121            | 20  |
| bis(2-Ethylhexyl)phthalate | 1000  | 120              | 1100   | ug/Kg | 98  |             | 0   |             | 42  | 169            | 20  |
| Di-n-octyl phthalate       | 1000  | 0                | 1000   | ug/Kg | 100 |             | 0   |             | 51  | 156            | 20  |
| Benzo(b)fluoranthene       | 1000  | 140              | 960    | ug/Kg | 82  |             | 4   |             | 52  | 117            | 20  |
| Benzo(k)fluoranthene       | 1000  | 46.9             | 850    | ug/Kg | 80  |             | 5   |             | 57  | 134            | 20  |
| Benzo(a)pyrene             | 1000  | 63.6             | 1000   | ug/Kg | 94  |             | 0   |             | 70  | 142            | 20  |
| Indeno(1,2,3-cd)pyrene     | 1000  | 62.9             | 1000   | ug/Kg | 94  |             | 0   |             | 40  | 129            | 20  |
| Dibenz(a,h)anthracene      | 1000  | 0                | 970    | ug/Kg | 97  |             | 1   |             | 43  | 123            | 20  |
| Benzo(g,h,i)perylene       | 1000  | 76.3             | 980    | ug/Kg | 90  |             | 1   |             | 24  | 125            | 20  |
| 1,2,4,5-Tetrachlorobenzene | 1000  | 0                | 940    | ug/Kg | 94  |             | 1   |             | 52  | 134            | 20  |
| 1,4-Dioxane                | 1000  | 0                | 670    | ug/Kg | 67  |             | 1   |             | 46  | 112            | 20  |
| 2,3,4,6-Tetrachlorophenol  | 1000  | 0                | 940    | ug/Kg | 94  |             | 1   |             | 24  | 146            | 20  |

# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                              |                    |                   |
|----------|----------------------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q2592</u>                                 | Analytical Method: | <u>8270E</u>      |
| Client:  | <u>PARSONS Engineering of New York, Inc.</u> | DataFile:          | <u>BF143119.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB168854BS    | Benzaldehyde                | 1700  | 1200   | ug/Kg | 71  |     |      |      | 10  | 133    |  |     |
|               | Phenol                      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 112    |  |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60  | 101    |  |     |
|               | 2-Chlorophenol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 65  | 112    |  |     |
|               | 2-Methylphenol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 108    |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1400   | ug/Kg | 82  |     |      |      | 51  | 100    |  |     |
|               | Acetophenone                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 66  | 98     |  |     |
|               | 3+4-Methylphenols           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 111    |  |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 95     |  |     |
|               | Hexachloroethane            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 72  | 108    |  |     |
|               | Nitrobenzene                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 57  | 101    |  |     |
|               | Isophorone                  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 99     |  |     |
|               | 2-Nitrophenol               | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 111    |  |     |
|               | 2,4-Dimethylphenol          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 46  | 141    |  |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 97     |  |     |
|               | 2,4-Dichlorophenol          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 107    |  |     |
|               | Naphthalene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62  | 100    |  |     |
|               | 4-Chloroaniline             | 1700  | 620    | ug/Kg | 36  |     |      |      | 16  | 100    |  |     |
|               | Hexachlorobutadiene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53  | 98     |  |     |
|               | Caprolactam                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 67  | 110    |  |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 112    |  |     |
|               | 2-Methylnaphthalene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60  | 104    |  |     |
|               | Hexachlorocyclopentadiene   | 3300  | 3100   | ug/Kg | 94  |     |      |      | 45  | 165    |  |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 102    |  |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 98     |  |     |
|               | 1,1-Biphenyl                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 103    |  |     |
|               | 2-Chloronaphthalene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 58  | 99     |  |     |
|               | 2-Nitroaniline              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 66  | 101    |  |     |
|               | Dimethylphthalate           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 99     |  |     |
|               | Acenaphthylene              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 101    |  |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 104    |  |     |
|               | 3-Nitroaniline              | 1700  | 1100   | ug/Kg | 65  |     |      |      | 28  | 100    |  |     |
|               | Acenaphthene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 104    |  |     |
|               | 2,4-Dinitrophenol           | 3300  | 3200   | ug/Kg | 97  |     |      |      | 37  | 128    |  |     |
|               | 4-Nitrophenol               | 3300  | 3400   | ug/Kg | 103 |     |      |      | 48  | 119    |  |     |
|               | Dibenzofuran                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 99     |  |     |
|               | 2,4-Dinitrotoluene          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60  | 106    |  |     |
|               | Diethylphthalate            | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60  | 101    |  |     |
|               | 4-Chlorophenyl-phenylether  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 98     |  |     |
|               | Fluorene                    | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61  | 101    |  |     |
|               | 4-Nitroaniline              | 1700  | 1800   | ug/Kg | 106 |     | *    |      | 64  | 103    |  |     |
|               | 4,6-Dinitro-2-methylphenol  | 1700  | 1700   | ug/Kg | 100 |     |      |      | 76  | 113    |  |     |
|               | N-Nitrosodiphenylamine      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 71  | 99     |  |     |
|               | 4-Bromophenyl-phenylether   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 102    |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                                                             |                                        |
|-------------------------------------------------------------|----------------------------------------|
| <b>SDG No.:</b> <u>Q2592</u>                                | <b>Analytical Method:</b> <u>8270E</u> |
| <b>Client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>DataFile:</b> <u>BF143119.D</u>     |

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |       |     |     |      | Qual | Low    | High |     |
| PB168854BS    | Hexachlorobenzene          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 64     | 98   |     |
|               | Atrazine                   | 1700  | 1700   | ug/Kg | 100 |     |      |      | 47     | 152  |     |
|               | Pentachlorophenol          | 3300  | 3300   | ug/Kg | 100 |     |      |      | 67     | 105  |     |
|               | Phenanthrene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59     | 103  |     |
|               | Anthracene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 105  |     |
|               | Carbazole                  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 99   |     |
|               | Di-n-butylphthalate        | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58     | 104  |     |
|               | Fluoranthene               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 107  |     |
|               | Pyrene                     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Butylbenzylphthalate       | 1700  | 1700   | ug/Kg | 100 |     |      |      | 55     | 103  |     |
|               | 3,3-Dichlorobenzidine      | 1700  | 780    | ug/Kg | 46  |     |      |      | 42     | 91   |     |
|               | Benzo(a)anthracene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60     | 102  |     |
|               | Chrysene                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 101  |     |
|               | bis(2-Ethylhexyl)phthalate | 1700  | 1600   | ug/Kg | 94  |     |      |      | 54     | 135  |     |
|               | Di-n-octyl phthalate       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 52     | 137  |     |
|               | Benzo(b)fluoranthene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62     | 109  |     |
|               | Benzo(k)fluoranthene       | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63     | 101  |     |
|               | Dibenz(a,h)anthracene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 112  |     |
|               | Benzo(g,h,i)perylene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70     | 108  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1700  | 1400   | ug/Kg | 82  |     |      |      | 53     | 101  |     |
|               | 1,4-Dioxane                | 1700  | 1200   | ug/Kg | 71  |     |      |      | 50     | 96   |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 108  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168854BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: BF143118.D

Lab Sample ID: PB168854BL

Instrument ID: BNA\_F

Date Extracted: 07/15/2025

Matrix: (soil/water) SOIL

Date Analyzed: 07/16/2025

Level: (low/med) LOW

Time Analyzed: 20:09

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB168854BS        | PB168854BS       | BF143119.D     | 07/16/2025       |
| WC-SOIL-20250711  | Q2592-01         | BP025166.D     | 07/16/2025       |
| CHRT-26899MS      | Q2597-01MS       | BP025191.D     | 07/18/2025       |
| CHRT-26899MSD     | Q2597-01MSD      | BP025192.D     | 07/18/2025       |

COMMENTS: \_\_\_\_\_

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143092.D  
Instrument ID: BNA\_F

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/15/2025  
DFTPP Injection Time: 12:35

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 2 ) 1          |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 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            | 6.5                  |
| 365 | Greater than 1% of mass 198        | 4.0                  |
| 441 | Present, but less than mass 443    | 77.7                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.4 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BF143093.D     | 07/15/2025       | 13:04            |
| SSTDICC005        | SSTDICC005       | BF143094.D     | 07/15/2025       | 13:35            |
| SSTDICC010        | SSTDICC010       | BF143095.D     | 07/15/2025       | 14:05            |
| SSTDICC020        | SSTDICC020       | BF143096.D     | 07/15/2025       | 14:36            |
| SSTDICCC040       | SSTDICCC040      | BF143097.D     | 07/15/2025       | 15:05            |
| SSTDICC050        | SSTDICC050       | BF143098.D     | 07/15/2025       | 15:35            |
| SSTDICC060        | SSTDICC060       | BF143099.D     | 07/15/2025       | 16:05            |
| SSTDICC080        | SSTDICC080       | BF143100.D     | 07/15/2025       | 16:35            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143116.D  
Instrument ID: BNA\_F

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/16/2025  
DFTPP Injection Time: 19:09

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.7                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 79.1                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.1 ( 19.1 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF143117.D     | 07/16/2025       | 19:39            |
| PB168854BL        | PB168854BL       | BF143118.D     | 07/16/2025       | 20:09            |
| PB168854BS        | PB168854BS       | BF143119.D     | 07/16/2025       | 20:39            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025070.D  
Instrument ID: BNA\_P

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/03/2025  
DFTPP Injection Time: 08:58

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 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            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 3.7                  |
| 441 | Present, but less than mass 443    | 79.7                 |
| 442 | Greater than 50% of mass 198       | 100.0                |
| 443 | 15.0 - 24.0% of mass 442           | 18 ( 19.4 ) 2        |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BP025071.D     | 07/03/2025       | 09:39            |
| SSTDICC005        | SSTDICC005       | BP025072.D     | 07/03/2025       | 10:21            |
| SSTDICC010        | SSTDICC010       | BP025073.D     | 07/03/2025       | 11:02            |
| SSTDICC020        | SSTDICC020       | BP025074.D     | 07/03/2025       | 11:44            |
| SSTDICCC040       | SSTDICCC040      | BP025075.D     | 07/03/2025       | 12:25            |
| SSTDICC050        | SSTDICC050       | BP025076.D     | 07/03/2025       | 13:07            |
| SSTDICC060        | SSTDICC060       | BP025077.D     | 07/03/2025       | 13:49            |
| SSTDICC080        | SSTDICC080       | BP025078.D     | 07/03/2025       | 14:31            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025154.D  
Instrument ID: BNA\_P

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/16/2025  
DFTPP Injection Time: 11:19

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 78.5                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 18.5 (19.8) 2        |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BP025155.D     | 07/16/2025       | 12:42            |
| WC-SOIL-20250711  | Q2592-01         | BP025166.D     | 07/16/2025       | 20:22            |



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025186.D  
Instrument ID: BNA\_P

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/18/2025  
DFTPP Injection Time: 09:41

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 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            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 4.2                  |
| 441 | Present, but less than mass 443    | 80.7                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.2 ( 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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BP025187.D     | 07/18/2025       | 11:04            |
| CHRT-26899MS      | Q2597-01MS       | BP025191.D     | 07/18/2025       | 13:52            |
| CHRT-26899MSD     | Q2597-01MSD      | BP025192.D     | 07/18/2025       | 14:33            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID : SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BF143117.D

Time Analyzed: 19:39

Instrument ID: BNA\_F

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD    | 135149              | 6.969 | 510164              | 8.25  | 254065              | 10.00  |
| UPPER LIMIT    | 270298              | 7.469 | 1020330             | 8.751 | 508130              | 10.504 |
| LOWER LIMIT    | 67574.5             | 6.469 | 255082              | 7.751 | 127033              | 9.504  |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 PB168854BS  | 139596              | 6.97  | 538805              | 8.25  | 272708              | 10.00  |
| 02 PB168854BL  | 138731              | 6.96  | 528830              | 8.25  | 273109              | 10.00  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID: SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BF143117.D

Time Analyzed: 19:39

Instrument ID: BNA\_F

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 397173              | 11.492 | 210714              | 14.127 | 255524              | 15.633 |
| UPPER LIMIT    | 794346              | 11.992 | 421428              | 14.627 | 511048              | 16.133 |
| LOWER LIMIT    | 198587              | 10.992 | 105357              | 13.627 | 127762              | 15.133 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 PB168854BS  | 455589              | 11.49  | 240950              | 14.13  | 262866              | 15.63  |
| 02 PB168854BL  | 466923              | 11.49  | 262735              | 14.13  | 225267              | 15.63  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID : SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BP025155.D

Time Analyzed: 12:42

Instrument ID: BNA\_P

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

|                     | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|---------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD         | 564997              | 7.443 | 2237580             | 10.20  | 1465070             | 14.10  |
| UPPER LIMIT         | 1129990             | 7.943 | 4475160             | 10.696 | 2930140             | 14.595 |
| LOWER LIMIT         | 282499              | 6.943 | 1118790             | 9.696  | 732535              | 13.595 |
| EPA SAMPLE NO.      |                     |       |                     |        |                     |        |
| 01 WC-SOIL-20250711 | 569178              | 7.44  | 2223520             | 10.19  | 1404760             | 14.10  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID: SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BP025155.D

Time Analyzed: 12:42

Instrument ID: BNA\_P

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

|                     | IS4 (PHN)<br>AREA # | RT #  | IS5 (CRY)<br>AREA # | RT #  | IS6 (PRY)<br>AREA # | RT #   |
|---------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD         | 2922940             | 16.93 | 2997870             | 21.36 | 3472370             | 24.501 |
| UPPER LIMIT         | 5845880             | 17.43 | 5995740             | 21.86 | 6944740             | 25.001 |
| LOWER LIMIT         | 1461470             | 16.43 | 1498940             | 20.86 | 1736190             | 24.001 |
| EPA SAMPLE NO.      |                     |       |                     |       |                     |        |
| 01 WC-SOIL-20250711 | 2849470             | 16.92 | 3032750             | 21.35 | 3540160             | 24.50  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID : SSTDCCC040

Date Analyzed: 07/18/2025

Lab File ID: BP025187.D

Time Analyzed: 11:04

Instrument ID: BNA\_P

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

|                  | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD      | 531610              | 7.437 | 2146080             | 10.19 | 1427550             | 14.10  |
| UPPER LIMIT      | 1063220             | 7.937 | 4292160             | 10.69 | 2855100             | 14.601 |
| LOWER LIMIT      | 265805              | 6.937 | 1073040             | 9.69  | 713775              | 13.601 |
| EPA SAMPLE NO.   |                     |       |                     |       |                     |        |
| 01 CHRT-26899MS  | 725237              | 7.44  | 2872260             | 10.18 | 1756650             | 14.10  |
| 02 CHRT-26899MSD | 718069              | 7.44  | 2875360             | 10.19 | 1762350             | 14.10  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID: SSTDCCC040

Date Analyzed: 07/18/2025

Lab File ID: BP025187.D

Time Analyzed: 11:04

Instrument ID: BNA\_P

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

|                  | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD      | 2869300             | 16.925 | 3091730             | 21.348 | 3620680             | 24.495 |
| UPPER LIMIT      | 5738600             | 17.425 | 6183460             | 21.848 | 7241360             | 24.995 |
| LOWER LIMIT      | 1434650             | 16.425 | 1545870             | 20.848 | 1810340             | 23.995 |
| EPA SAMPLE NO.   |                     |        |                     |        |                     |        |
| 01 CHRT-26899MS  | 3030590             | 16.92  | 3384850             | 21.36  | 4114550             | 24.51  |
| 02 CHRT-26899MSD | 3047800             | 16.92  | 3398850             | 21.36  | 4139650             | 24.52  |

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



## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        | Date Received:  |               |
| Client Sample ID:  | PB168854BL                            | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BL                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.03 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143118.D        | 1         | 07/15/25 09:05 | 07/16/25 20:09 | PB168854      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 330   | U         | 160  | 330        | ug/Kg             |
| 108-95-2       | Phenol                      | 170   | U         | 22.1 | 170        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 170   | U         | 24.3 | 170        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 170   | U         | 24.4 | 170        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 170   | U         | 29.9 | 170        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 170   | U         | 37.5 | 170        | ug/Kg             |
| 98-86-2        | Acetophenone                | 170   | U         | 29.5 | 170        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 330   | U         | 41.1 | 330        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 79.9  | U         | 47.4 | 79.9       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 170   | U         | 17.6 | 170        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 170   | U         | 18.3 | 170        | ug/Kg             |
| 78-59-1        | Isophorone                  | 170   | U         | 32.8 | 170        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 170   | U         | 58.1 | 170        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 170   | U         | 64.7 | 170        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 170   | U         | 30.8 | 170        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 170   | U         | 28.3 | 170        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 170   | U         | 22.7 | 170        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 170   | U         | 35.4 | 170        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 170   | U         | 25.3 | 170        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 330   | U         | 52.0 | 330        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 170   | U         | 28.7 | 170        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 170   | U         | 25.6 | 170        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 330   | U         | 120  | 330        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 170   | U         | 19.8 | 170        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 170   | U         | 29.1 | 170        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 170   | U         | 21.8 | 170        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 170   | U         | 22.5 | 170        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 170   | U         | 48.1 | 170        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 170   | U         | 27.1 | 170        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        | Date Received:  |               |
| Client Sample ID:  | PB168854BL                            | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BL                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.03 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143118.D        | 1         | 07/15/25 09:05 | 07/16/25 20:09 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 170   | U         | 28.9 | 170        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 170   | U         | 33.6 | 170        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 170   | U         | 46.0 | 170        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 170   | U         | 21.3 | 170        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 330   | U         | 230  | 330        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 330   | U         | 110  | 330        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 170   | U         | 22.7 | 170        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 170   | U         | 50.0 | 170        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 170   | U         | 28.3 | 170        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 170   | U         | 26.7 | 170        | ug/Kg             |
| 86-73-7    | Fluorene                   | 170   | U         | 25.3 | 170        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 170   | U         | 64.1 | 170        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 330   | U         | 100  | 330        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 170   | U         | 32.9 | 170        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 170   | U         | 27.8 | 170        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 170   | U         | 25.3 | 170        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 170   | U         | 34.0 | 170        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 330   | U         | 51.2 | 330        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 170   | U         | 20.9 | 170        | ug/Kg             |
| 120-12-7   | Anthracene                 | 170   | U         | 33.3 | 170        | ug/Kg             |
| 86-74-8    | Carbazole                  | 170   | U         | 31.2 | 170        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 170   | U         | 47.9 | 170        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 170   | U         | 30.0 | 170        | ug/Kg             |
| 129-00-0   | Pyrene                     | 170   | U         | 36.0 | 170        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 170   | U         | 71.3 | 170        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 330   | U         | 36.7 | 330        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 170   | U         | 23.0 | 170        | ug/Kg             |
| 218-01-9   | Chrysene                   | 170   | U         | 19.9 | 170        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 170   | U         | 59.1 | 170        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 330   | U         | 86.7 | 330        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 170   | U         | 19.0 | 170        | ug/Kg             |

## Report of Analysis

|                    |                                       |                  |                 |               |
|--------------------|---------------------------------------|------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |               |
| Client Sample ID:  | PB168854BL                            |                  | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BL                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.03                                 | Units: g         | 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 :      | SW3541                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143118.D        | 1         | 07/15/25 09:05 | 07/16/25 20:09 | PB168854      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------------------|----------------------------------|--------|-----------|----------|------------|-------------------|
| 207-08-9                              | Benzo(k)fluoranthene             | 170    | U         | 22.4     | 170        | ug/Kg             |
| 50-32-8                               | Benzo(a)pyrene                   | 170    | U         | 29.5     | 170        | ug/Kg             |
| 193-39-5                              | Indeno(1,2,3-cd)pyrene           | 170    | U         | 29.1     | 170        | ug/Kg             |
| 53-70-3                               | Dibenzo(a,h)anthracene           | 170    | U         | 27.4     | 170        | ug/Kg             |
| 191-24-2                              | Benzo(g,h,i)perylene             | 170    | U         | 25.7     | 170        | ug/Kg             |
| 95-94-3                               | 1,2,4,5-Tetrachlorobenzene       | 170    | U         | 25.6     | 170        | ug/Kg             |
| 123-91-1                              | 1,4-Dioxane                      | 170    | U         | 45.2     | 170        | ug/Kg             |
| 58-90-2                               | 2,3,4,6-Tetrachlorophenol        | 170    | U         | 27.4     | 170        | ug/Kg             |
| <b>SURROGATES</b>                     |                                  |        |           |          |            |                   |
| 367-12-4                              | 2-Fluorophenol                   | 110    |           | 18 - 112 | 73%        | SPK: 150          |
| 13127-88-3                            | Phenol-d6                        | 110    |           | 15 - 107 | 73%        | SPK: 150          |
| 4165-60-0                             | Nitrobenzene-d5                  | 82.0   |           | 18 - 107 | 82%        | SPK: 100          |
| 321-60-8                              | 2-Fluorobiphenyl                 | 70.8   |           | 20 - 109 | 71%        | SPK: 100          |
| 118-79-6                              | 2,4,6-Tribromophenol             | 131    |           | 10 - 116 | 87%        | SPK: 150          |
| 1718-51-0                             | Terphenyl-d14                    | 77.2   |           | 10 - 105 | 77%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b>             |                                  |        |           |          |            |                   |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 139000 |           | 6.963    |            |                   |
| 1146-65-2                             | Naphthalene-d8                   | 529000 |           | 8.245    |            |                   |
| 15067-26-2                            | Acenaphthene-d10                 | 273000 |           | 9.998    |            |                   |
| 1517-22-2                             | Phenanthrene-d10                 | 467000 |           | 11.486   |            |                   |
| 1719-03-5                             | Chrysene-d12                     | 263000 |           | 14.127   |            |                   |
| 1520-96-3                             | Perylene-d12                     | 225000 |           | 15.633   |            |                   |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |          |            |                   |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 290    | A         |          | 5.22       | ug/Kg             |
| 006311-48-4                           | (1,1-Biphenyl)-4,4-diamine, N,N  | 180    | J         |          | 17.5       | ug/Kg             |

## Report of Analysis

|                    |                                       |                  |                 |               |
|--------------------|---------------------------------------|------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |               |
| Client Sample ID:  | PB168854BL                            |                  | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BL                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.03                                 | Units: g         | 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 :      | SW3541                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143118.D        | 1         | 07/15/25 09:05 | 07/16/25 20:09 | PB168854      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

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

## Report of Analysis

|                    |                                       |                  |                 |               |
|--------------------|---------------------------------------|------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |               |
| Client Sample ID:  | PB168854BS                            |                  | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BS                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.01                                 | Units: g         | 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 :      | SW3541                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143119.D        | 1         | 07/15/25 09:05 | 07/16/25 20:39 | PB168854      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 1200  |           | 160  | 330        | ug/Kg             |
| 108-95-2       | Phenol                      | 1500  |           | 22.1 | 170        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1400  |           | 24.3 | 170        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 1500  |           | 24.4 | 170        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 1500  |           | 29.9 | 170        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1400  |           | 37.5 | 170        | ug/Kg             |
| 98-86-2        | Acetophenone                | 1400  |           | 29.5 | 170        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 1500  |           | 41.1 | 330        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1500  |           | 47.4 | 80.0       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 1500  |           | 17.6 | 170        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 1600  |           | 18.3 | 170        | ug/Kg             |
| 78-59-1        | Isophorone                  | 1500  |           | 32.8 | 170        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 1600  |           | 58.2 | 170        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 1500  |           | 64.8 | 170        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1500  |           | 30.8 | 170        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 1500  |           | 28.3 | 170        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 1400  |           | 22.7 | 170        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 620   |           | 35.4 | 170        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 25.3 | 170        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 1700  |           | 52.1 | 330        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1500  |           | 28.7 | 170        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 1500  |           | 25.6 | 170        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 3100  | E         | 120  | 330        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1600  |           | 19.8 | 170        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1600  |           | 29.1 | 170        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 1400  |           | 21.8 | 170        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 1400  |           | 22.5 | 170        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 1600  |           | 48.1 | 170        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 1500  |           | 27.1 | 170        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        | Date Received:  |               |
| Client Sample ID:  | PB168854BS                            | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BS                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.01 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143119.D        | 1         | 07/15/25 09:05 | 07/16/25 20:39 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 1500  |           | 28.9 | 170        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 1600  |           | 33.6 | 170        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 1100  |           | 46.0 | 170        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 1500  |           | 21.3 | 170        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 3200  | E         | 230  | 330        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 3400  | E         | 110  | 330        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 1500  |           | 22.7 | 170        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 1700  |           | 50.1 | 170        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 1600  |           | 28.3 | 170        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1500  |           | 26.7 | 170        | ug/Kg             |
| 86-73-7    | Fluorene                   | 1400  |           | 25.3 | 170        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 1800  |           | 64.2 | 170        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1700  |           | 100  | 330        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 1500  |           | 32.9 | 170        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1500  |           | 27.8 | 170        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 1500  |           | 25.3 | 170        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 1700  |           | 34.0 | 170        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 3300  | E         | 51.3 | 330        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 1400  |           | 20.9 | 170        | ug/Kg             |
| 120-12-7   | Anthracene                 | 1500  |           | 33.3 | 170        | ug/Kg             |
| 86-74-8    | Carbazole                  | 1500  |           | 31.2 | 170        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 1700  |           | 47.9 | 170        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 1500  |           | 30.0 | 170        | ug/Kg             |
| 129-00-0   | Pyrene                     | 1500  |           | 36.0 | 170        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 1700  |           | 71.4 | 170        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 780   |           | 36.7 | 330        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 1600  |           | 23.0 | 170        | ug/Kg             |
| 218-01-9   | Chrysene                   | 1500  |           | 19.9 | 170        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1600  |           | 59.2 | 170        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 1500  |           | 86.8 | 330        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 1500  |           | 19.0 | 170        | ug/Kg             |

## Report of Analysis

|                    |                                       |                  |                 |               |
|--------------------|---------------------------------------|------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |               |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |               |
| Client Sample ID:  | PB168854BS                            |                  | SDG No.:        | Q2592         |
| Lab Sample ID:     | PB168854BS                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.01                                 | Units: g         | 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 :      | SW3541                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143119.D        | 1         | 07/15/25 09:05 | 07/16/25 20:39 | PB168854      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|----------------------------|--------|-----------|----------|------------|-------------------|
| 207-08-9                  | Benzo(k)fluoranthene       | 1700   |           | 22.4     | 170        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene             | 1600   |           | 29.5     | 170        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 1500   |           | 29.1     | 170        | ug/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 1500   |           | 27.4     | 170        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene       | 1500   |           | 25.7     | 170        | ug/Kg             |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 1400   |           | 25.6     | 170        | ug/Kg             |
| 123-91-1                  | 1,4-Dioxane                | 1200   |           | 45.2     | 170        | ug/Kg             |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 1700   |           | 27.4     | 170        | ug/Kg             |
| <b>SURROGATES</b>         |                            |        |           |          |            |                   |
| 367-12-4                  | 2-Fluorophenol             | 112    |           | 18 - 112 | 75%        | SPK: 150          |
| 13127-88-3                | Phenol-d6                  | 114    |           | 15 - 107 | 76%        | SPK: 150          |
| 4165-60-0                 | Nitrobenzene-d5            | 86.0   |           | 18 - 107 | 86%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl           | 72.4   |           | 20 - 109 | 72%        | SPK: 100          |
| 118-79-6                  | 2,4,6-Tribromophenol       | 140    |           | 10 - 116 | 94%        | SPK: 150          |
| 1718-51-0                 | Terphenyl-d14              | 79.7   |           | 10 - 105 | 80%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                            |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 140000 | 6.969     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8             | 539000 | 8.251     |          |            |                   |
| 15067-26-2                | Acenaphthene-d10           | 273000 | 10.004    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10           | 456000 | 11.492    |          |            |                   |
| 1719-03-5                 | Chrysene-d12               | 241000 | 14.127    |          |            |                   |
| 1520-96-3                 | Perylene-d12               | 263000 | 15.633    |          |            |                   |

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

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MS                          | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MS                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.06 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025191.D        | 1         | 07/15/25 09:05 | 07/18/25 13:52 | PB168854      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 880   |           | 94.8 | 200        | ug/Kg             |
| 108-95-2       | Phenol                      | 860   |           | 13.4 | 100        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 840   |           | 14.8 | 100        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 910   |           | 14.8 | 100        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 930   |           | 18.2 | 100        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 800   |           | 22.8 | 100        | ug/Kg             |
| 98-86-2        | Acetophenone                | 800   |           | 17.9 | 100        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 900   |           | 25.0 | 200        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 790   |           | 28.8 | 48.6       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 920   |           | 10.7 | 100        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 880   |           | 11.1 | 100        | ug/Kg             |
| 78-59-1        | Isophorone                  | 900   |           | 19.9 | 100        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 1000  |           | 35.4 | 100        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 1200  |           | 39.4 | 100        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 850   |           | 18.7 | 100        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 950   |           | 17.2 | 100        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 840   |           | 13.8 | 100        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 440   |           | 21.5 | 100        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 980   |           | 15.4 | 100        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 860   |           | 31.7 | 200        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 880   |           | 17.4 | 100        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 770   |           | 15.6 | 100        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 2500  | E         | 70.5 | 200        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 12.0 | 100        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 17.7 | 100        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 880   |           | 13.2 | 100        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 910   |           | 13.7 | 100        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 940   |           | 29.2 | 100        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 850   |           | 16.5 | 100        | ug/Kg             |



## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MS                          | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MS                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.06 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025191.D        | 1         | 07/15/25 09:05 | 07/18/25 13:52 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 950   |           | 17.6 | 100        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 1000  |           | 20.4 | 100        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 810   |           | 28.0 | 100        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 850   |           | 12.9 | 100        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 140  | 200        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 1800  | E         | 65.0 | 200        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 810   |           | 13.8 | 100        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 900   |           | 30.5 | 100        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 810   |           | 17.2 | 100        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 820   |           | 16.2 | 100        | ug/Kg             |
| 86-73-7    | Fluorene                   | 790   |           | 15.4 | 100        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 830   |           | 39.0 | 100        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 690   |           | 62.6 | 200        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 970   |           | 20.0 | 100        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  |           | 16.9 | 100        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 1000  |           | 15.4 | 100        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 1200  |           | 20.7 | 100        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 2000  | E         | 31.2 | 200        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 880   |           | 12.7 | 100        | ug/Kg             |
| 120-12-7   | Anthracene                 | 920   |           | 20.2 | 100        | ug/Kg             |
| 86-74-8    | Carbazole                  | 870   |           | 19.0 | 100        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 920   |           | 29.1 | 100        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 910   |           | 18.2 | 100        | ug/Kg             |
| 129-00-0   | Pyrene                     | 850   |           | 21.9 | 100        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 930   |           | 43.4 | 100        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 560   |           | 22.3 | 200        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 930   |           | 14.0 | 100        | ug/Kg             |
| 218-01-9   | Chrysene                   | 930   |           | 12.1 | 100        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1100  |           | 36.0 | 100        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 1000  |           | 52.8 | 200        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 930   |           | 11.5 | 100        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MS                          | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MS                            | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.06 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025191.D        | 1         | 07/15/25 09:05 | 07/18/25 13:52 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 890   |           | 13.6 | 100        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 1000  |           | 17.9 | 100        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1000  |           | 17.7 | 100        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 980   |           | 16.7 | 100        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 990   |           | 15.6 | 100        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 950   |           | 15.6 | 100        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 680   |           | 27.5 | 100        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 950   |           | 16.7 | 100        | ug/Kg             |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 81.7 |  | 18 - 112 | 54% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 79.9 |  | 15 - 107 | 53% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 60.7 |  | 18 - 107 | 61% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 62.3 |  | 20 - 109 | 62% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 106  |  | 10 - 116 | 71% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 63.9 |  | 10 - 105 | 64% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 725000  | 7.437  |
| 1146-65-2  | Naphthalene-d8         | 2870000 | 10.184 |
| 15067-26-2 | Acenaphthene-d10       | 1760000 | 14.101 |
| 1517-22-2  | Phenanthrene-d10       | 3030000 | 16.919 |
| 1719-03-5  | Chrysene-d12           | 3380000 | 21.36  |
| 1520-96-3  | Perylene-d12           | 4110000 | 24.512 |

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

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MSD                         | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MSD                           | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.08      Units:    g                | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025192.D        | 1         | 07/15/25 09:05 | 07/18/25 14:33 | PB168854      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 870   |           | 94.8 | 200        | ug/Kg             |
| 108-95-2       | Phenol                      | 870   |           | 13.4 | 100        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 840   |           | 14.8 | 100        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 930   |           | 14.8 | 100        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 930   |           | 18.2 | 100        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 800   |           | 22.8 | 100        | ug/Kg             |
| 98-86-2        | Acetophenone                | 800   |           | 17.9 | 100        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 900   |           | 25.0 | 200        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 790   |           | 28.8 | 48.6       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 920   |           | 10.7 | 100        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 860   |           | 11.1 | 100        | ug/Kg             |
| 78-59-1        | Isophorone                  | 890   |           | 19.9 | 100        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 1000  |           | 35.4 | 100        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 1200  |           | 39.4 | 100        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 840   |           | 18.7 | 100        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 960   |           | 17.2 | 100        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 840   |           | 13.8 | 100        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 460   |           | 21.5 | 100        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 980   |           | 15.4 | 100        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 850   |           | 31.7 | 200        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 880   |           | 17.4 | 100        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 760   |           | 15.6 | 100        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 2300  | E         | 70.5 | 200        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 12.0 | 100        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 17.7 | 100        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 860   |           | 13.2 | 100        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 900   |           | 13.7 | 100        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 940   |           | 29.2 | 100        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 830   |           | 16.5 | 100        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MSD                         | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MSD                           | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.08 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025192.D        | 1         | 07/15/25 09:05 | 07/18/25 14:33 | PB168854      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 940   |           | 17.6 | 100        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 1000  |           | 20.4 | 100        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 800   |           | 27.9 | 100        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 820   |           | 12.9 | 100        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 140  | 200        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 1800  | E         | 65.0 | 200        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 790   |           | 13.8 | 100        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 900   |           | 30.4 | 100        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 800   |           | 17.2 | 100        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 810   |           | 16.2 | 100        | ug/Kg             |
| 86-73-7    | Fluorene                   | 790   |           | 15.4 | 100        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 820   |           | 39.0 | 100        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 670   |           | 62.6 | 200        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 950   |           | 20.0 | 100        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  |           | 16.9 | 100        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 1000  |           | 15.4 | 100        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 1200  |           | 20.7 | 100        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 2000  | E         | 31.2 | 200        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 850   |           | 12.7 | 100        | ug/Kg             |
| 120-12-7   | Anthracene                 | 910   |           | 20.2 | 100        | ug/Kg             |
| 86-74-8    | Carbazole                  | 860   |           | 19.0 | 100        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 890   |           | 29.1 | 100        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 890   |           | 18.2 | 100        | ug/Kg             |
| 129-00-0   | Pyrene                     | 860   |           | 21.9 | 100        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 920   |           | 43.4 | 100        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 600   |           | 22.3 | 200        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 930   |           | 14.0 | 100        | ug/Kg             |
| 218-01-9   | Chrysene                   | 930   |           | 12.1 | 100        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1100  |           | 36.0 | 100        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 1000  |           | 52.7 | 200        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 960   |           | 11.5 | 100        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/14/25      |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/14/25      |
| Client Sample ID:  | CHRT-26899MSD                         | SDG No.:        | Q2592         |
| Lab Sample ID:     | Q2597-01MSD                           | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                 | % Solid:        | 98.6          |
| Sample Wt/Vol:     | 50.08 Units: g                        | 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 :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025192.D        | 1         | 07/15/25 09:05 | 07/18/25 14:33 | PB168854      |

| CAS Number                | Parameter                  | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|----------------------------|---------|-----------|----------|------------|-------------------|
| 207-08-9                  | Benzo(k)fluoranthene       | 850     |           | 13.6     | 100        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene             | 1000    |           | 17.9     | 100        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 1000    |           | 17.7     | 100        | ug/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 970     |           | 16.6     | 100        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene       | 980     |           | 15.6     | 100        | ug/Kg             |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 940     |           | 15.6     | 100        | ug/Kg             |
| 123-91-1                  | 1,4-Dioxane                | 670     |           | 27.5     | 100        | ug/Kg             |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 940     |           | 16.6     | 100        | ug/Kg             |
| <b>SURROGATES</b>         |                            |         |           |          |            |                   |
| 367-12-4                  | 2-Fluorophenol             | 82.8    |           | 18 - 112 | 55%        | SPK: 150          |
| 13127-88-3                | Phenol-d6                  | 80.9    |           | 15 - 107 | 54%        | SPK: 150          |
| 4165-60-0                 | Nitrobenzene-d5            | 59.8    |           | 18 - 107 | 60%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl           | 60.6    |           | 20 - 109 | 61%        | SPK: 100          |
| 118-79-6                  | 2,4,6-Tribromophenol       | 105     |           | 10 - 116 | 70%        | SPK: 150          |
| 1718-51-0                 | Terphenyl-d14              | 62.7    |           | 10 - 105 | 63%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                            |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 718000  | 7.443     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8             | 2880000 | 10.19     |          |            |                   |
| 15067-26-2                | Acenaphthene-d10           | 1760000 | 14.095    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10           | 3050000 | 16.919    |          |            |                   |
| 1719-03-5                 | Chrysene-d12               | 3400000 | 21.36     |          |            |                   |
| 1520-96-3                 | Perylene-d12               | 4140000 | 24.524    |          |            |                   |

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

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF071525.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Tue Jul 15 17:53:25 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BF143093.D 5 =BF143094.D 10 =BF143095.D 20 =BF143096.D 40 =BF143097.D 50 =BF143098.D 60 =BF143099.D 80 =BF143100.D

| Compound                   | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|----------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                      |                |       |       |       |       |       |       |       |       |       |
| 1) I 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2) 1,4-Dioxane             |                | 0.637 | 0.635 | 0.640 | 0.627 | 0.661 | 0.626 | 0.586 | 0.630 | 3.58  |
| 3) Pyridine                |                | 1.606 | 1.541 | 1.616 | 1.594 | 1.681 | 1.612 | 1.519 | 1.596 | 3.33  |
| 4) n-Nitrosodimet...       |                |       | 0.788 | 0.825 | 0.816 | 0.879 | 0.840 | 0.812 | 0.827 | 3.70  |
| 5) S 2-Fluorophenol        |                | 1.334 | 1.272 | 1.315 | 1.255 | 1.305 | 1.232 | 1.148 | 1.266 | 4.98  |
| 6) Aniline                 |                | 2.330 | 2.254 | 2.280 | 2.205 | 2.351 | 2.196 | 2.069 | 2.241 | 4.26  |
| 7) S Phenol-d6             |                | 1.685 | 1.616 | 1.640 | 1.565 | 1.643 | 1.547 | 1.441 | 1.591 | 5.11  |
| 8) 2-Chlorophenol          |                | 1.239 | 1.208 | 1.321 | 1.273 | 1.363 | 1.286 | 1.212 | 1.272 | 4.51  |
| 9) Benzaldehyde            |                |       | 1.196 | 1.149 | 1.451 | 1.452 | 1.163 | 0.864 | 1.212 | 18.15 |
| 10) C Phenol               |                | 1.766 | 1.742 | 1.782 | 1.709 | 1.780 | 1.694 | 1.584 | 1.723 | 4.07  |
| 11) bis(2-Chloroet...      |                | 1.425 | 1.363 | 1.366 | 1.309 | 1.371 | 1.291 | 1.209 | 1.334 | 5.26  |
| 12) 1,3-Dichlorobe...      |                | 1.547 | 1.482 | 1.470 | 1.414 | 1.471 | 1.388 | 1.286 | 1.437 | 5.83  |
| 13) C 1,4-Dichlorobe...    |                | 1.570 | 1.473 | 1.504 | 1.412 | 1.482 | 1.386 | 1.292 | 1.446 | 6.27  |
| 14) 1,2-Dichlorobe...      |                | 1.468 | 1.409 | 1.430 | 1.364 | 1.417 | 1.321 | 1.241 | 1.379 | 5.57  |
| 15) Benzyl Alcohol         |                |       | 1.126 | 1.204 | 1.167 | 1.255 | 1.189 | 1.132 | 1.179 | 4.09  |
| 16) 2,2'-oxybis(1-...      |                | 2.713 | 2.532 | 2.528 | 2.405 | 2.517 | 2.342 | 2.171 | 2.458 | 6.99  |
| 17) 2-Methylphenol         |                | 1.132 | 1.081 | 1.124 | 1.083 | 1.150 | 1.077 | 1.035 | 1.098 | 3.63  |
| 18) Hexachloroethane       |                | 0.465 | 0.440 | 0.486 | 0.472 | 0.500 | 0.476 | 0.455 | 0.471 | 4.22  |
| 19) P n-Nitroso-di-n...    | 0.956          | 1.029 | 0.988 | 1.002 | 0.964 | 1.017 | 0.945 | 0.897 | 0.975 | 4.44  |
| 20) 3+4-Methylphenols      |                |       | 1.399 | 1.419 | 1.356 | 1.421 | 1.293 | 1.189 | 1.346 | 6.74  |
|                            |                |       |       |       |       |       |       |       |       |       |
| 21) I Naphthalene-d8       | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22) Acetophenone           |                | 0.538 | 0.516 | 0.500 | 0.469 | 0.482 | 0.451 | 0.419 | 0.482 | 8.33  |
| 23) S Nitrobenzene-d5      |                | 0.283 | 0.319 | 0.363 | 0.372 | 0.399 | 0.390 | 0.370 | 0.357 | 11.59 |
| 24) Nitrobenzene           |                | 0.282 | 0.317 | 0.357 | 0.356 | 0.385 | 0.366 | 0.347 | 0.344 | 9.94  |
| 25) Isophorone             |                | 0.705 | 0.688 | 0.697 | 0.678 | 0.718 | 0.687 | 0.651 | 0.689 | 3.11  |
| 26) C 2-Nitrophenol        |                | 0.063 | 0.075 | 0.106 | 0.120 | 0.141 | 0.146 | 0.147 | 0.114 | 29.95 |
| 27) 2,4-Dimethylph...      |                | 0.325 | 0.322 | 0.326 | 0.320 | 0.332 | 0.315 | 0.299 | 0.320 | 3.38  |
| 28) bis(2-Chloroet...      |                | 0.444 | 0.434 | 0.435 | 0.409 | 0.424 | 0.404 | 0.375 | 0.418 | 5.63  |
| 29) C 2,4-Dichloroph...    |                | 0.237 | 0.254 | 0.267 | 0.267 | 0.280 | 0.271 | 0.254 | 0.262 | 5.43  |
| 30) 1,2,4-Trichlor...      |                | 0.316 | 0.305 | 0.307 | 0.295 | 0.303 | 0.287 | 0.267 | 0.297 | 5.40  |
| 31) Naphthalene            |                | 1.099 | 1.048 | 1.037 | 0.966 | 0.987 | 0.937 | 0.878 | 0.993 | 7.52  |
| 32) Benzoic acid           |                |       | 0.080 | 0.111 | 0.144 | 0.159 | 0.171 | 0.172 | 0.139 | 26.27 |
| 33) 4-Chloroaniline        |                | 0.420 | 0.420 | 0.414 | 0.398 | 0.409 | 0.381 | 0.353 | 0.399 | 6.12  |
| 34) C Hexachlorobuta...    |                | 0.185 | 0.176 | 0.183 | 0.177 | 0.182 | 0.176 | 0.163 | 0.178 | 4.10  |
| 35) Caprolactam            |                |       | 0.073 | 0.078 | 0.083 | 0.087 | 0.086 | 0.083 | 0.082 | 6.36  |
| 36) C 4-Chloro-3-met...    |                | 0.285 | 0.290 | 0.296 | 0.293 | 0.307 | 0.293 | 0.277 | 0.291 | 3.26  |
| 37) 2-Methylnaphth...      |                | 0.644 | 0.626 | 0.615 | 0.580 | 0.597 | 0.562 | 0.524 | 0.592 | 6.91  |
| 38) 1-Methylnaphth...      |                | 0.678 | 0.660 | 0.631 | 0.603 | 0.615 | 0.578 | 0.537 | 0.615 | 7.81  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF071525.M

|       |                    |                |       |       |       |       |       |       |       |       |  |
|-------|--------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac...  | 0.616          | 0.600 | 0.602 | 0.578 | 0.601 | 0.561 | 0.522 | 0.583 | 5.56  |  |
| 41) P | Hexachlorocycl...  | 0.254          | 0.306 | 0.323 | 0.356 | 0.356 | 0.344 | 0.323 | 12.16 |       |  |
| 42) S | 2,4,6-Tribromo...  | 0.136          | 0.157 | 0.181 | 0.188 | 0.204 | 0.194 | 0.188 | 0.178 | 13.23 |  |
| 43) C | 2,4,6-Trichlor...  | 0.300          | 0.312 | 0.377 | 0.376 | 0.400 | 0.393 | 0.377 | 0.362 | 10.94 |  |
| 44)   | 2,4,5-Trichlor...  | 0.336          | 0.367 | 0.390 | 0.393 | 0.418 | 0.377 | 0.378 | 0.380 | 6.62  |  |
| 45) S | 2-Fluorobiphenyl   | 1.777          | 1.645 | 1.602 | 1.456 | 1.460 | 1.355 | 1.238 | 1.505 | 12.18 |  |
| 46)   | 1,1'-Biphenyl      | 1.750          | 1.687 | 1.671 | 1.567 | 1.610 | 1.496 | 1.384 | 1.595 | 7.84  |  |
| 47)   | 2-Chloronaphth...  | 1.271          | 1.203 | 1.206 | 1.159 | 1.195 | 1.120 | 1.048 | 1.172 | 6.10  |  |
| 48)   | 2-Nitroaniline     | 0.180          | 0.224 | 0.296 | 0.328 | 0.372 | 0.363 | 0.355 | 0.303 | 24.51 |  |
| 49)   | Acenaphthylene     | 2.060          | 2.011 | 2.034 | 1.959 | 1.989 | 1.867 | 1.746 | 1.952 | 5.65  |  |
| 50)   | Dimethylphthalate  | 1.310          | 1.259 | 1.292 | 1.257 | 1.302 | 1.219 | 1.169 | 1.258 | 4.01  |  |
| 51)   | 2,6-Dinitrotol...  | 0.133          | 0.176 | 0.222 | 0.234 | 0.262 | 0.262 | 0.247 | 0.219 | 22.07 |  |
| 52) C | Acenaphthene       | 1.273          | 1.204 | 1.173 | 1.127 | 1.168 | 1.088 | 1.032 | 1.152 | 6.85  |  |
| 53)   | 3-Nitroaniline     | 0.180          | 0.227 | 0.283 | 0.288 | 0.318 | 0.313 | 0.295 | 0.272 | 18.56 |  |
| 54) P | 2,4-Dinitrophenol  | 0.038          | 0.056 | 0.069 | 0.086 | 0.090 | 0.097 | 0.073 | 31.18 |       |  |
| 55)   | Dibenzofuran       | 1.895          | 1.795 | 1.785 | 1.697 | 1.729 | 1.604 | 1.516 | 1.717 | 7.37  |  |
| 56) P | 4-Nitrophenol      | 0.164          | 0.201 | 0.224 | 0.239 | 0.237 | 0.232 | 0.216 | 13.37 |       |  |
| 57)   | 2,4-Dinitrotol...  | 0.147          | 0.197 | 0.253 | 0.295 | 0.326 | 0.319 | 0.320 | 0.265 | 26.25 |  |
| 58)   | Fluorene           | 1.478          | 1.387 | 1.328 | 1.246 | 1.284 | 1.186 | 1.105 | 1.288 | 9.67  |  |
| 59)   | 2,3,4,6-Tetrac...  | 0.253          | 0.274 | 0.302 | 0.312 | 0.339 | 0.323 | 0.309 | 0.302 | 9.71  |  |
| 60)   | Diethylphthalate   | 1.221          | 1.217 | 1.257 | 1.225 | 1.260 | 1.187 | 1.130 | 1.214 | 3.68  |  |
| 61)   | 4-Chlorophenyl...  | 0.666          | 0.642 | 0.631 | 0.614 | 0.625 | 0.586 | 0.555 | 0.617 | 5.92  |  |
| 62)   | 4-Nitroaniline     | 0.169          | 0.208 | 0.237 | 0.249 | 0.270 | 0.263 | 0.259 | 0.236 | 15.25 |  |
| 63)   | Azobenzene         | 1.425          | 1.399 | 1.375 | 1.328 | 1.381 | 1.282 | 1.208 | 1.343 | 5.65  |  |
| 64) I | Phenanthrene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-...  | 0.035          | 0.053 | 0.064 | 0.079 | 0.084 | 0.086 | 0.067 | 30.46 |       |  |
| 66) c | n-Nitrosodiphe...  | 0.735          | 0.709 | 0.736 | 0.682 | 0.717 | 0.685 | 0.654 | 0.703 | 4.30  |  |
| 67)   | 4-Bromophenyl-...  | 0.231          | 0.219 | 0.234 | 0.222 | 0.239 | 0.228 | 0.219 | 0.227 | 3.38  |  |
| 68)   | Hexachlorobenzene  | 0.249          | 0.237 | 0.247 | 0.235 | 0.250 | 0.239 | 0.231 | 0.241 | 3.12  |  |
| 69)   | Atrazine           | 0.158          | 0.171 | 0.184 | 0.181 | 0.195 | 0.185 | 0.184 | 0.180 | 6.72  |  |
| 70) C | Pentachlorophenol  | 0.098          | 0.125 | 0.132 | 0.149 | 0.145 | 0.145 | 0.132 | 14.47 |       |  |
| 71)   | Phenanthrene       | 1.190          | 1.136 | 1.111 | 1.042 | 1.089 | 1.021 | 0.968 | 1.079 | 6.95  |  |
| 72)   | Anthracene         | 1.158          | 1.126 | 1.126 | 1.057 | 1.106 | 1.042 | 0.983 | 1.085 | 5.62  |  |
| 73)   | Carbazole          | 1.038          | 1.026 | 1.008 | 0.938 | 0.998 | 0.927 | 0.873 | 0.972 | 6.27  |  |
| 74)   | Di-n-butylphth...  | 0.746          | 0.846 | 0.913 | 0.921 | 0.983 | 0.942 | 0.897 | 0.893 | 8.62  |  |
| 75) C | Fluoranthene       | 1.044          | 1.053 | 1.009 | 0.960 | 0.998 | 0.938 | 0.869 | 0.981 | 6.59  |  |
| 76) I | Chrysene-d12       | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine          | 0.664          | 0.786 | 0.834 | 0.674 | 0.616 | 0.514 | 0.681 | 17.02 |       |  |
| 78)   | Pyrene             | 2.018          | 1.956 | 1.955 | 1.842 | 1.918 | 1.716 | 1.585 | 1.856 | 8.33  |  |
| 79) S | Terphenyl-d14      | 1.563          | 1.471 | 1.437 | 1.343 | 1.385 | 1.246 | 1.133 | 1.368 | 10.53 |  |
| 80)   | Butylbenzylphth... | 0.179          | 0.233 | 0.310 | 0.343 | 0.385 | 0.395 | 0.384 | 0.318 | 26.22 |  |
| 81)   | Benzo(a)anthra...  | 1.296          | 1.304 | 1.406 | 1.347 | 1.403 | 1.326 | 1.247 | 1.333 | 4.34  |  |
| 82)   | 3,3'-Dichlorob...  | 0.314          | 0.406 | 0.385 | 0.428 | 0.411 | 0.377 | 0.387 | 10.35 |       |  |
| 83)   | Chrysene           | 1.286          | 1.234 | 1.211 | 1.201 | 1.270 | 1.228 | 1.162 | 1.227 | 3.41  |  |
| 84)   | Bis(2-ethylhex...  | 0.273          | 0.343 | 0.479 | 0.515 | 0.578 | 0.591 | 0.583 | 0.480 | 26.25 |  |
| 85) c | Di-n-octyl pht...  | 0.474          | 0.811 | 0.922 | 1.073 | 1.115 | 1.167 | 0.927 | 27.83 |       |  |



Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF071525.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.345          | 1.411 | 1.526 | 1.521 | 1.620 | 1.519 | 1.470 | 1.488 | 5.98 |
| 88)   | Benzo(b)fluora... | 1.063          | 1.191 | 1.171 | 1.082 | 1.297 | 1.185 | 1.087 | 1.154 | 7.17 |
| 89)   | Benzo(k)fluora... | 1.175          | 1.066 | 1.111 | 1.148 | 1.088 | 1.060 | 1.056 | 1.101 | 4.23 |
| 90) C | Benzo(a)pyrene    | 0.989          | 1.019 | 1.108 | 1.124 | 1.196 | 1.124 | 1.078 | 1.091 | 6.41 |
| 91)   | Dibenzo(a,h)an... | 1.114          | 1.162 | 1.266 | 1.240 | 1.330 | 1.222 | 1.178 | 1.216 | 5.90 |
| 92)   | Benzo(g,h,i)pe... | 1.148          | 1.187 | 1.263 | 1.258 | 1.349 | 1.260 | 1.214 | 1.240 | 5.20 |

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP070325.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Jul 03 16:05:44 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP025078.D

| Compound                   | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|----------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| -----                      |                |       |       |       |       |       |       |       |       |      |
| 1) I 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2) 1,4-Dioxane             | 0.470          | 0.452 | 0.457 | 0.435 | 0.420 | 0.428 | 0.409 | 0.439 | 4.99  |      |
| 3) Pyridine                | 1.176          | 1.153 | 1.243 | 1.228 | 1.171 | 1.239 | 1.203 | 1.202 | 3.00  |      |
| 4) n-Nitrosodimet...       |                | 0.500 | 0.531 | 0.506 | 0.493 | 0.522 | 0.500 | 0.509 | 2.85  |      |
| 5) S 2-Fluorophenol        | 1.070          | 1.098 | 1.179 | 1.134 | 1.127 | 1.168 | 1.127 | 1.129 | 3.33  |      |
| 6) Aniline                 | 1.334          | 1.324 | 1.430 | 1.388 | 1.371 | 1.428 | 1.359 | 1.376 | 3.05  |      |
| 7) S Phenol-d6             | 1.428          | 1.407 | 1.520 | 1.458 | 1.472 | 1.543 | 1.482 | 1.473 | 3.26  |      |
| 8) 2-Chlorophenol          | 1.254          | 1.207 | 1.320 | 1.256 | 1.250 | 1.294 | 1.259 | 1.263 | 2.83  |      |
| 9) Benzaldehyde            |                | 0.903 | 0.894 | 0.724 | 0.684 | 0.641 |       | 0.769 | 15.84 |      |
| 10) C Phenol               | 1.473          | 1.461 | 1.551 | 1.472 | 1.485 | 1.540 | 1.493 | 1.497 | 2.36  |      |
| 11) bis(2-Chloroet...      | 1.187          | 1.139 | 1.200 | 1.122 | 1.129 | 1.172 | 1.115 | 1.152 | 2.95  |      |
| 12) 1,3-Dichlorobe...      | 1.461          | 1.434 | 1.485 | 1.379 | 1.366 | 1.413 | 1.356 | 1.413 | 3.48  |      |
| 13) C 1,4-Dichlorobe...    | 1.500          | 1.432 | 1.505 | 1.399 | 1.384 | 1.424 | 1.374 | 1.431 | 3.70  |      |
| 14) 1,2-Dichlorobe...      | 1.454          | 1.388 | 1.445 | 1.349 | 1.329 | 1.368 | 1.303 | 1.377 | 4.12  |      |
| 15) Benzyl Alcohol         |                | 0.887 | 0.991 | 0.957 | 0.990 | 1.058 | 1.015 | 0.983 | 5.86  |      |
| 16) 2,2'-oxybis(1-...      | 1.587          | 1.520 | 1.570 | 1.433 | 1.462 | 1.497 | 1.415 | 1.498 | 4.40  |      |
| 17) 2-Methylphenol         | 0.887          | 0.908 | 1.007 | 0.969 | 0.974 | 1.021 | 0.983 | 0.964 | 5.11  |      |
| 18) Hexachloroethane       | 0.476          | 0.441 | 0.480 | 0.460 | 0.463 | 0.481 | 0.462 | 0.466 | 3.04  |      |
| 19) P n-Nitroso-di-n...    | 0.815          | 0.862 | 0.854 | 0.938 | 0.865 | 0.871 | 0.912 | 0.872 | 0.874 | 4.26 |
| 20) 3+4-Methylphenols      |                | 1.246 | 1.383 | 1.334 | 1.341 | 1.428 | 1.370 | 1.350 | 4.55  |      |
| -----                      |                |       |       |       |       |       |       |       |       |      |
| 21) I Naphthalene-d8       | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22) Acetophenone           | 0.480          | 0.481 | 0.502 | 0.465 | 0.456 | 0.480 | 0.447 | 0.473 | 3.88  |      |
| 23) S Nitrobenzene-d5      | 0.267          | 0.277 | 0.314 | 0.307 | 0.308 | 0.323 | 0.308 | 0.301 | 6.84  |      |
| 24) Nitrobenzene           | 0.280          | 0.293 | 0.319 | 0.310 | 0.307 | 0.327 | 0.308 | 0.306 | 5.13  |      |
| 25) Isophorone             | 0.525          | 0.534 | 0.587 | 0.558 | 0.571 | 0.597 | 0.561 | 0.562 | 4.67  |      |
| 26) C 2-Nitrophenol        | 0.086          | 0.093 | 0.117 | 0.133 | 0.146 | 0.160 | 0.159 | 0.128 | 23.51 |      |
| 27) 2,4-Dimethylph...      | 0.199          | 0.195 | 0.218 | 0.208 | 0.213 | 0.224 | 0.210 | 0.210 | 4.79  |      |
| 28) bis(2-Chloroet...      | 0.378          | 0.371 | 0.401 | 0.374 | 0.379 | 0.397 | 0.371 | 0.382 | 3.25  |      |
| 29) C 2,4-Dichloroph...    | 0.242          | 0.263 | 0.298 | 0.299 | 0.304 | 0.321 | 0.306 | 0.291 | 9.48  |      |
| 30) 1,2,4-Trichlor...      | 0.319          | 0.319 | 0.331 | 0.319 | 0.316 | 0.335 | 0.314 | 0.322 | 2.53  |      |
| 31) Naphthalene            | 1.057          | 1.030 | 1.081 | 1.011 | 1.005 | 1.049 | 0.975 | 1.030 | 3.47  |      |
| 32) Benzoic acid           |                | 0.115 | 0.152 | 0.186 | 0.199 | 0.225 | 0.231 | 0.185 | 24.07 |      |
| 33) 4-Chloroaniline        | 0.358          | 0.370 | 0.399 | 0.390 | 0.381 | 0.411 | 0.381 | 0.384 | 4.58  |      |
| 34) C Hexachlorobuta...    | 0.187          | 0.180 | 0.188 | 0.182 | 0.184 | 0.191 | 0.180 | 0.185 | 2.31  |      |
| 35) Caprolactam            |                | 0.087 | 0.101 | 0.101 | 0.098 | 0.108 | 0.102 | 0.099 | 7.23  |      |
| 36) C 4-Chloro-3-met...    | 0.259          | 0.279 | 0.321 | 0.309 | 0.309 | 0.332 | 0.316 | 0.304 | 8.35  |      |
| 37) 2-Methylnaphth...      | 0.724          | 0.711 | 0.766 | 0.718 | 0.715 | 0.747 | 0.706 | 0.727 | 2.99  |      |
| 38) 1-Methylnaphth...      | 0.707          | 0.704 | 0.753 | 0.692 | 0.691 | 0.736 | 0.678 | 0.709 | 3.74  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP070325.M

|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.554          | 0.549 | 0.584 | 0.580 | 0.578 | 0.610 | 0.568 | 0.575 | 3.56  |  |
| 41) P | Hexachlorocycl... | 0.120          | 0.135 | 0.149 | 0.162 | 0.171 | 0.164 | 0.150 |       | 13.13 |  |
| 42) S | 2,4,6-Tribromo... | 0.194          | 0.214 | 0.240 | 0.246 | 0.244 | 0.266 | 0.249 | 0.236 | 10.22 |  |
| 43) C | 2,4,6-Trichlor... | 0.271          | 0.295 | 0.355 | 0.370 | 0.368 | 0.399 | 0.379 | 0.348 | 13.51 |  |
| 44)   | 2,4,5-Trichlor... | 0.326          | 0.349 | 0.406 | 0.411 | 0.412 | 0.441 | 0.416 | 0.394 | 10.41 |  |
| 45) S | 2-Fluorobiphenyl  | 1.338          | 1.310 | 1.361 | 1.279 | 1.260 | 1.311 | 1.177 | 1.291 | 4.70  |  |
| 46)   | 1,1'-Biphenyl     | 1.482          | 1.436 | 1.510 | 1.454 | 1.435 | 1.490 | 1.380 | 1.455 | 2.99  |  |
| 47)   | 2-Chloronaphth... | 1.097          | 1.089 | 1.141 | 1.091 | 1.069 | 1.121 | 1.048 | 1.094 | 2.83  |  |
| 48)   | 2-Nitroaniline    | 0.157          | 0.185 | 0.235 | 0.259 | 0.259 | 0.289 | 0.273 | 0.237 | 20.49 |  |
| 49)   | Acenaphthylene    | 1.582          | 1.622 | 1.771 | 1.701 | 1.660 | 1.761 | 1.620 | 1.674 | 4.36  |  |
| 50)   | Dimethylphthalate | 1.364          | 1.376 | 1.469 | 1.408 | 1.365 | 1.482 | 1.337 | 1.400 | 3.99  |  |
| 51)   | 2,6-Dinitrotol... | 0.199          | 0.238 | 0.281 | 0.295 | 0.291 | 0.313 | 0.294 | 0.273 | 14.58 |  |
| 52) C | Acenaphthene      | 1.085          | 1.074 | 1.142 | 1.066 | 1.047 | 1.111 | 1.027 | 1.079 | 3.59  |  |
| 53)   | 3-Nitroaniline    | 0.204          | 0.248 | 0.297 | 0.321 | 0.310 | 0.345 | 0.323 | 0.293 | 16.81 |  |
| 54) P | 2,4-Dinitrophenol | 0.077          | 0.098 | 0.117 | 0.120 | 0.137 | 0.137 | 0.114 |       | 20.49 |  |
| 55)   | Dibenzofuran      | 1.829          | 1.814 | 1.866 | 1.768 | 1.720 | 1.813 | 1.655 | 1.781 | 4.07  |  |
| 56) P | 4-Nitrophenol     | 0.212          | 0.260 | 0.285 | 0.274 | 0.301 | 0.289 | 0.270 |       | 11.73 |  |
| 57)   | 2,4-Dinitrotol... | 0.231          | 0.285 | 0.364 | 0.392 | 0.387 | 0.430 | 0.406 | 0.356 | 20.13 |  |
| 58)   | Fluorene          | 1.382          | 1.384 | 1.467 | 1.393 | 1.335 | 1.403 | 1.278 | 1.377 | 4.27  |  |
| 59)   | 2,3,4,6-Tetrac... | 0.305          | 0.318 | 0.370 | 0.370 | 0.363 | 0.397 | 0.377 | 0.357 | 9.32  |  |
| 60)   | Diethylphthalate  | 1.368          | 1.376 | 1.468 | 1.429 | 1.366 | 1.477 | 1.358 | 1.406 | 3.64  |  |
| 61)   | 4-Chlorophenyl... | 0.711          | 0.687 | 0.710 | 0.679 | 0.659 | 0.700 | 0.626 | 0.682 | 4.47  |  |
| 62)   | 4-Nitroaniline    | 0.221          | 0.267 | 0.321 | 0.342 | 0.319 | 0.354 | 0.324 | 0.307 | 15.26 |  |
| 63)   | Azobenzene        | 1.251          | 1.275 | 1.328 | 1.265 | 1.211 | 1.265 | 1.171 | 1.252 | 3.98  |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... | 0.054          | 0.069 | 0.081 | 0.089 | 0.097 | 0.098 | 0.082 |       | 21.25 |  |
| 66) c | n-Nitrosodiphe... | 0.557          | 0.548 | 0.597 | 0.573 | 0.574 | 0.592 | 0.565 | 0.572 | 3.11  |  |
| 67)   | 4-Bromophenyl-... | 0.191          | 0.190 | 0.213 | 0.205 | 0.208 | 0.214 | 0.213 | 0.205 | 5.14  |  |
| 68)   | Hexachlorobenzene | 0.255          | 0.240 | 0.255 | 0.247 | 0.248 | 0.257 | 0.249 | 0.250 | 2.28  |  |
| 69)   | Atrazine          | 0.155          | 0.167 | 0.183 | 0.172 | 0.171 | 0.172 | 0.154 | 0.168 | 6.10  |  |
| 70) C | Pentachlorophenol | 0.131          | 0.163 | 0.172 | 0.178 | 0.186 | 0.184 | 0.169 |       | 12.03 |  |
| 71)   | Phenanthrene      | 1.102          | 1.084 | 1.104 | 1.068 | 1.030 | 1.082 | 1.011 | 1.069 | 3.34  |  |
| 72)   | Anthracene        | 0.998          | 0.996 | 1.092 | 1.036 | 1.021 | 1.062 | 0.971 | 1.025 | 4.10  |  |
| 73)   | Carbazole         | 0.954          | 0.994 | 1.057 | 1.029 | 0.990 | 1.017 | 0.976 | 1.002 | 3.45  |  |
| 74)   | Di-n-butylphth... | 0.929          | 0.994 | 1.147 | 1.187 | 1.177 | 1.228 | 1.152 | 1.116 | 9.89  |  |
| 75) C | Fluoranthene      | 1.170          | 1.222 | 1.330 | 1.290 | 1.249 | 1.268 | 1.215 | 1.249 | 4.22  |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.177          | 0.354 | 0.571 | 0.420 | 0.288 | 0.310 | 0.353 |       | 37.82 |  |
| 78)   | Pyrene            | 1.177          | 1.184 | 1.288 | 1.231 | 1.251 | 1.302 | 1.238 | 1.239 | 3.81  |  |
| 79) S | Terphenyl-d14     | 0.943          | 0.919 | 0.978 | 0.914 | 0.915 | 0.936 | 0.764 | 0.910 | 7.50  |  |
| 80)   | Butylbenzylpht... | 0.228          | 0.276 | 0.377 | 0.440 | 0.471 | 0.519 | 0.499 | 0.402 | 28.01 |  |
| 81)   | Benzo(a)anthra... | 1.146          | 1.175 | 1.293 | 1.217 | 1.207 | 1.258 | 1.189 | 1.212 | 4.11  |  |
| 82)   | 3,3'-Dichlorob... | 0.249          | 0.340 | 0.390 | 0.399 | 0.414 | 0.397 | 0.365 |       | 16.97 |  |
| 83)   | Chrysene          | 1.169          | 1.147 | 1.223 | 1.159 | 1.157 | 1.191 | 1.118 | 1.166 | 2.88  |  |
| 84)   | Bis(2-ethylhex... | 0.460          | 0.520 | 0.646 | 0.703 | 0.737 | 0.764 | 0.720 | 0.650 | 17.89 |  |
| 85) c | Di-n-octyl pht... | 0.609          | 0.876 | 1.094 | 1.206 | 1.292 | 1.248 | 1.054 |       | 25.04 |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
Method File : 8270E-BP070325.M

|       |                   |                |       |       |       |       |       |       |       |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 87)   | Indeno(1,2,3-c... | 1.003          | 1.101 | 1.318 | 1.331 | 1.366 | 1.433 | 1.366 | 1.274 | 12.44 |
| 88)   | Benzo(b)fluora... | 1.029          | 1.063 | 1.215 | 1.201 | 1.188 | 1.266 | 1.187 | 1.164 | 7.36  |
| 89)   | Benzo(k)fluora... | 1.070          | 1.129 | 1.249 | 1.153 | 1.157 | 1.218 | 1.133 | 1.158 | 5.11  |
| 90) C | Benzo(a)pyrene    | 0.817          | 0.868 | 1.035 | 1.033 | 1.035 | 1.108 | 1.040 | 0.991 | 10.70 |
| 91)   | Dibenzo(a,h)an... | 0.840          | 0.921 | 1.098 | 1.097 | 1.126 | 1.172 | 1.118 | 1.053 | 11.66 |
| 92)   | Benzo(g,h,i)pe... | 0.915          | 0.967 | 1.126 | 1.127 | 1.142 | 1.197 | 1.142 | 1.088 | 9.58  |

(#) = Out of Range

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>07/16/2025 19:39</u>      |
| Lab File ID:    | <u>BF143117.D</u> | Init. Calib. Date(s):  | <u>07/15/2025 07/15/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>13:04 16:35</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol              | 1.266 | 1.249  |            | -1.3 |       |
| Benzaldehyde                | 1.212 | 1.240  |            | 2.3  |       |
| Phenol-d6                   | 1.591 | 1.563  |            | -1.8 |       |
| Phenol                      | 1.723 | 1.816  |            | 5.4  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.334 | 1.298  |            | -2.7 |       |
| 2-Chlorophenol              | 1.272 | 1.316  |            | 3.5  |       |
| 2-Methylphenol              | 1.098 | 1.094  |            | -0.4 |       |
| 2,2-oxybis(1-Chloropropane) | 2.458 | 2.389  |            | -2.8 |       |
| Acetophenone                | 0.482 | 0.467  |            | -3.1 |       |
| 3+4-Methylphenols           | 1.346 | 1.368  |            | 1.6  |       |
| n-Nitroso-di-n-propylamine  | 0.975 | 0.965  | 0.050      | -1.0 |       |
| Nitrobenzene-d5             | 0.357 | 0.402  |            | 12.6 |       |
| Hexachloroethane            | 0.471 | 0.486  |            | 3.2  |       |
| Nitrobenzene                | 0.344 | 0.369  |            | 7.3  |       |
| Isophorone                  | 0.689 | 0.675  |            | -2.0 |       |
| 2-Nitrophenol               | 0.114 | 0.145  |            | 27.2 | 20.0  |
| 2,4-Dimethylphenol          | 0.320 | 0.320  |            | 0.0  |       |
| bis(2-Chloroethoxy)methane  | 0.418 | 0.412  |            | -1.4 |       |
| 2,4-Dichlorophenol          | 0.262 | 0.269  |            | 2.7  | 20.0  |
| Naphthalene                 | 0.993 | 0.972  |            | -2.1 |       |
| 4-Chloroaniline             | 0.399 | 0.393  |            | -1.5 |       |
| Hexachlorobutadiene         | 0.178 | 0.178  |            | 0.0  | 20.0  |
| Caprolactam                 | 0.082 | 0.084  |            | 2.4  |       |
| 4-Chloro-3-methylphenol     | 0.291 | 0.293  |            | 0.7  | 20.0  |
| 2-Methylnaphthalene         | 0.592 | 0.578  |            | -2.4 |       |
| Hexachlorocyclopentadiene   | 0.323 | 0.341  | 0.050      | 5.6  |       |
| 2,4,6-Trichlorophenol       | 0.362 | 0.386  |            | 6.6  | 20.0  |
| 2-Fluorobiphenyl            | 1.505 | 1.421  |            | -5.6 |       |
| 2,4,5-Trichlorophenol       | 0.380 | 0.387  |            | 1.8  |       |
| 1,1-Biphenyl                | 1.595 | 1.534  |            | -3.8 |       |
| 2-Chloronaphthalene         | 1.172 | 1.129  |            | -3.7 |       |
| 2-Nitroaniline              | 0.303 | 0.352  |            | 16.2 |       |
| Dimethylphthalate           | 1.258 | 1.236  |            | -1.7 |       |
| Acenaphthylene              | 1.952 | 1.912  |            | -2.0 |       |
| 2,6-Dinitrotoluene          | 0.219 | 0.258  |            | 17.8 |       |
| 3-Nitroaniline              | 0.272 | 0.299  |            | 9.9  |       |
| Acenaphthene                | 1.152 | 1.115  |            | -3.2 | 20.0  |
| 2,4-Dinitrophenol           | 0.073 | 0.082  | 0.050      | 12.3 |       |
| 4-Nitrophenol               | 0.216 | 0.230  | 0.050      | 6.5  |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>07/16/2025 19:39</u>      |
| Lab File ID:    | <u>BF143117.D</u> | Init. Calib. Date(s):  | <u>07/15/2025 07/15/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>13:04 16:35</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|----------------------------|-------|--------|------------|------|-------|
| Dibenzofuran               | 1.717 | 1.649  |            | -4.0 |       |
| 2,4-Dinitrotoluene         | 0.265 | 0.307  |            | 15.8 |       |
| Diethylphthalate           | 1.214 | 1.211  |            | -0.2 |       |
| 4-Chlorophenyl-phenylether | 0.617 | 0.603  |            | -2.3 |       |
| Fluorene                   | 1.288 | 1.219  |            | -5.4 |       |
| 4-Nitroaniline             | 0.236 | 0.255  |            | 8.1  |       |
| 4,6-Dinitro-2-methylphenol | 0.067 | 0.078  |            | 16.4 |       |
| n-Nitrosodiphenylamine     | 0.703 | 0.687  |            | -2.3 | 20.0  |
| 2,4,6-Tribromophenol       | 0.178 | 0.191  |            | 7.3  |       |
| 4-Bromophenyl-phenylether  | 0.227 | 0.227  |            | 0.0  |       |
| Hexachlorobenzene          | 0.241 | 0.241  |            | 0.0  |       |
| Atrazine                   | 0.180 | 0.183  |            | 1.7  |       |
| Pentachlorophenol          | 0.132 | 0.144  |            | 9.1  | 20.0  |
| Phenanthrene               | 1.079 | 1.046  |            | -3.1 |       |
| Anthracene                 | 1.085 | 1.063  |            | -2.0 |       |
| Carbazole                  | 0.972 | 0.934  |            | -3.9 |       |
| Di-n-butylphthalate        | 0.893 | 0.937  |            | 4.9  |       |
| Fluoranthene               | 0.981 | 0.947  |            | -3.5 | 20.0  |
| Pyrene                     | 1.856 | 1.773  |            | -4.5 |       |
| Terphenyl-d14              | 1.368 | 1.302  |            | -4.8 |       |
| Butylbenzylphthalate       | 0.318 | 0.365  |            | 14.8 |       |
| 3,3-Dichlorobenzidine      | 0.387 | 0.391  |            | 1.0  |       |
| Benzo (a) anthracene       | 1.333 | 1.354  |            | 1.6  |       |
| Chrysene                   | 1.227 | 1.156  |            | -5.8 |       |
| Bis(2-ethylhexyl)phthalate | 0.480 | 0.572  |            | 19.2 |       |
| Di-n-octyl phthalate       | 0.927 | 1.043  |            | 12.5 | 20.0  |
| Benzo (b) fluoranthene     | 1.154 | 1.136  |            | -1.6 |       |
| Benzo (k) fluoranthene     | 1.101 | 1.092  |            | -0.8 |       |
| Benzo (a) pyrene           | 1.091 | 1.116  |            | 2.3  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.488 | 1.529  |            | 2.8  |       |
| Dibenzo (a,h) anthracene   | 1.216 | 1.243  |            | 2.2  |       |
| Benzo (g,h,i) perylene     | 1.240 | 1.256  |            | 1.3  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.583 | 0.567  |            | -2.7 |       |
| 1,4-Dioxane                | 0.630 | 0.628  |            | -0.3 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.324  |            | 7.3  |       |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_P</u>      | Calibration Date/Time: | <u>07/16/2025 12:42</u>      |
| Lab File ID:    | <u>BP025155.D</u> | Init. Calib. Date(s):  | <u>07/03/2025 07/03/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:39 14:31</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D    | MAX%D |
|-----------------------------|-------|--------|---------|-------|-------|
| 2-Fluorophenol              | 1.129 | 1.127  |         | -0.2  |       |
| Benzaldehyde                | 0.769 | 0.625  |         | -18.7 |       |
| Phenol-d6                   | 1.473 | 1.456  |         | -1.2  |       |
| Phenol                      | 1.497 | 1.451  |         | -3.1  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.152 | 1.106  |         | -4.0  |       |
| 2-Chlorophenol              | 1.263 | 1.281  |         | 1.4   |       |
| 2-Methylphenol              | 0.964 | 0.980  |         | 1.7   |       |
| 2,2-oxybis(1-Chloropropane) | 1.498 | 1.353  |         | -9.7  |       |
| Acetophenone                | 0.473 | 0.462  |         | -2.3  |       |
| 3+4-Methylphenols           | 1.350 | 1.353  |         | 0.2   |       |
| n-Nitroso-di-n-propylamine  | 0.874 | 0.858  | 0.050   | -1.8  |       |
| Nitrobenzene-d5             | 0.301 | 0.315  |         | 4.7   |       |
| Hexachloroethane            | 0.466 | 0.474  |         | 1.7   |       |
| Nitrobenzene                | 0.306 | 0.312  |         | 2.0   |       |
| Isophorone                  | 0.562 | 0.566  |         | 0.7   |       |
| 2-Nitrophenol               | 0.128 | 0.181  |         | 41.4  | 20.0  |
| 2,4-Dimethylphenol          | 0.210 | 0.215  |         | 2.4   |       |
| bis(2-Chloroethoxy)methane  | 0.382 | 0.379  |         | -0.8  |       |
| 2,4-Dichlorophenol          | 0.291 | 0.318  |         | 9.3   | 20.0  |
| Naphthalene                 | 1.030 | 1.012  |         | -1.7  |       |
| 4-Chloroaniline             | 0.384 | 0.391  |         | 1.8   |       |
| Hexachlorobutadiene         | 0.185 | 0.194  |         | 4.9   | 20.0  |
| Caprolactam                 | 0.099 | 0.105  |         | 6.1   |       |
| 4-Chloro-3-methylphenol     | 0.304 | 0.323  |         | 6.3   | 20.0  |
| 2-Methylnaphthalene         | 0.727 | 0.726  |         | -0.1  |       |
| Hexachlorocyclopentadiene   | 0.150 | 0.183  | 0.050   | 22.0  |       |
| 2,4,6-Trichlorophenol       | 0.348 | 0.402  |         | 15.5  | 20.0  |
| 2-Fluorobiphenyl            | 1.291 | 1.243  |         | -3.7  |       |
| 2,4,5-Trichlorophenol       | 0.394 | 0.436  |         | 10.7  |       |
| 1,1-Biphenyl                | 1.455 | 1.427  |         | -1.9  |       |
| 2-Chloronaphthalene         | 1.094 | 1.096  |         | 0.2   |       |
| 2-Nitroaniline              | 0.237 | 0.281  |         | 18.6  |       |
| Dimethylphthalate           | 1.400 | 1.424  |         | 1.7   |       |
| Acenaphthylene              | 1.674 | 1.681  |         | 0.4   |       |
| 2,6-Dinitrotoluene          | 0.273 | 0.307  |         | 12.5  |       |
| 3-Nitroaniline              | 0.293 | 0.331  |         | 13.0  |       |
| Acenaphthene                | 1.079 | 1.056  |         | -2.1  | 20.0  |
| 2,4-Dinitrophenol           | 0.114 | 0.172  | 0.050   | 50.9  |       |
| 4-Nitrophenol               | 0.270 | 0.298  | 0.050   | 10.4  |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_P</u>      | Calibration Date/Time: | <u>07/16/2025 12:42</u>      |
| Lab File ID:    | <u>BP025155.D</u> | Init. Calib. Date(s):  | <u>07/03/2025 07/03/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:39 14:31</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|----------------------------|-------|--------|------------|------|-------|
| Dibenzofuran               | 1.781 | 1.741  |            | -2.2 |       |
| 2,4-Dinitrotoluene         | 0.356 | 0.420  |            | 18.0 |       |
| Diethylphthalate           | 1.406 | 1.422  |            | 1.1  |       |
| 4-Chlorophenyl-phenylether | 0.682 | 0.683  |            | 0.1  |       |
| Fluorene                   | 1.377 | 1.344  |            | -2.4 |       |
| 4-Nitroaniline             | 0.307 | 0.349  |            | 13.7 |       |
| 4,6-Dinitro-2-methylphenol | 0.082 | 0.120  |            | 46.3 |       |
| n-Nitrosodiphenylamine     | 0.572 | 0.589  |            | 3.0  | 20.0  |
| 2,4,6-Tribromophenol       | 0.236 | 0.289  |            | 22.5 |       |
| 4-Bromophenyl-phenylether  | 0.205 | 0.226  |            | 10.2 |       |
| Hexachlorobenzene          | 0.250 | 0.266  |            | 6.4  |       |
| Atrazine                   | 0.168 | 0.189  |            | 12.5 |       |
| Pentachlorophenol          | 0.169 | 0.198  |            | 17.2 | 20.0  |
| Phenanthrene               | 1.069 | 1.030  |            | -3.6 |       |
| Anthracene                 | 1.025 | 1.026  |            | 0.1  |       |
| Carbazole                  | 1.002 | 0.998  |            | -0.4 |       |
| Di-n-butylphthalate        | 1.116 | 1.239  |            | 11.0 |       |
| Fluoranthene               | 1.249 | 1.254  |            | 0.4  | 20.0  |
| Pyrene                     | 1.239 | 1.265  |            | 2.1  |       |
| Terphenyl-d14              | 0.910 | 0.912  |            | 0.2  |       |
| Butylbenzylphthalate       | 0.402 | 0.541  |            | 34.6 |       |
| 3,3-Dichlorobenzidine      | 0.365 | 0.456  |            | 24.9 |       |
| Benzo (a) anthracene       | 1.212 | 1.209  |            | -0.2 |       |
| Chrysene                   | 1.166 | 1.138  |            | -2.4 |       |
| Bis(2-ethylhexyl)phthalate | 0.650 | 0.792  |            | 21.8 |       |
| Di-n-octyl phthalate       | 1.054 | 1.357  |            | 28.7 | 20.0  |
| Benzo (b) fluoranthene     | 1.164 | 1.147  |            | -1.5 |       |
| Benzo (k) fluoranthene     | 1.158 | 1.093  |            | -5.6 |       |
| Benzo (a) pyrene           | 0.991 | 1.020  |            | 2.9  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.274 | 1.358  |            | 6.6  |       |
| Dibenzo (a,h) anthracene   | 1.053 | 1.127  |            | 7.0  |       |
| Benzo (g,h,i) perylene     | 1.088 | 1.140  |            | 4.8  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.575 | 0.598  |            | 4.0  |       |
| 1,4-Dioxane                | 0.439 | 0.407  |            | -7.3 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.357 | 0.403  |            | 12.9 |       |

All other compounds must meet a minimum RRF of 0.010.



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_P</u>      | Calibration Date/Time: | <u>07/18/2025 11:04</u>      |
| Lab File ID:    | <u>BP025187.D</u> | Init. Calib. Date(s):  | <u>07/03/2025 07/03/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:39 14:31</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D    | MAX%D |
|-----------------------------|-------|--------|---------|-------|-------|
| 2-Fluorophenol              | 1.129 | 1.060  |         | -6.1  |       |
| Benzaldehyde                | 0.769 | 0.712  |         | -7.4  |       |
| Phenol-d6                   | 1.473 | 1.366  |         | -7.3  |       |
| Phenol                      | 1.497 | 1.351  |         | -9.8  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.152 | 1.027  |         | -10.9 |       |
| 2-Chlorophenol              | 1.263 | 1.211  |         | -4.1  |       |
| 2-Methylphenol              | 0.964 | 0.922  |         | -4.4  |       |
| 2,2-oxybis(1-Chloropropane) | 1.498 | 1.251  |         | -16.5 |       |
| Acetophenone                | 0.473 | 0.425  |         | -10.1 |       |
| 3+4-Methylphenols           | 1.350 | 1.285  |         | -4.8  |       |
| n-Nitroso-di-n-propylamine  | 0.874 | 0.816  | 0.050   | -6.6  |       |
| Nitrobenzene-d5             | 0.301 | 0.288  |         | -4.3  |       |
| Hexachloroethane            | 0.466 | 0.455  |         | -2.4  |       |
| Nitrobenzene                | 0.306 | 0.288  |         | -5.9  |       |
| Isophorone                  | 0.562 | 0.529  |         | -5.9  |       |
| 2-Nitrophenol               | 0.128 | 0.172  |         | 34.4  | 20.0  |
| 2,4-Dimethylphenol          | 0.210 | 0.200  |         | -4.8  |       |
| bis(2-Chloroethoxy)methane  | 0.382 | 0.353  |         | -7.6  |       |
| 2,4-Dichlorophenol          | 0.291 | 0.291  |         | 0.0   | 20.0  |
| Naphthalene                 | 1.030 | 0.936  |         | -9.1  |       |
| 4-Chloroaniline             | 0.384 | 0.359  |         | -6.5  |       |
| Hexachlorobutadiene         | 0.185 | 0.186  |         | 0.5   | 20.0  |
| Caprolactam                 | 0.099 | 0.097  |         | -2.0  |       |
| 4-Chloro-3-methylphenol     | 0.304 | 0.296  |         | -2.6  | 20.0  |
| 2-Methylnaphthalene         | 0.727 | 0.675  |         | -7.2  |       |
| Hexachlorocyclopentadiene   | 0.150 | 0.168  | 0.050   | 12.0  |       |
| 2,4,6-Trichlorophenol       | 0.348 | 0.368  |         | 5.7   | 20.0  |
| 2-Fluorobiphenyl            | 1.291 | 1.166  |         | -9.7  |       |
| 2,4,5-Trichlorophenol       | 0.394 | 0.406  |         | 3.0   |       |
| 1,1-Biphenyl                | 1.455 | 1.318  |         | -9.4  |       |
| 2-Chloronaphthalene         | 1.094 | 0.997  |         | -8.9  |       |
| 2-Nitroaniline              | 0.237 | 0.256  |         | 8.0   |       |
| Dimethylphthalate           | 1.400 | 1.304  |         | -6.9  |       |
| Acenaphthylene              | 1.674 | 1.527  |         | -8.8  |       |
| 2,6-Dinitrotoluene          | 0.273 | 0.286  |         | 4.8   |       |
| 3-Nitroaniline              | 0.293 | 0.306  |         | 4.4   |       |
| Acenaphthene                | 1.079 | 0.968  |         | -10.3 | 20.0  |
| 2,4-Dinitrophenol           | 0.114 | 0.169  | 0.050   | 48.2  |       |
| 4-Nitrophenol               | 0.270 | 0.276  | 0.050   | 2.2   |       |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_P</u>      | Calibration Date/Time: | <u>07/18/2025 11:04</u>      |
| Lab File ID:    | <u>BP025187.D</u> | Init. Calib. Date(s):  | <u>07/03/2025 07/03/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:39 14:31</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN RRF | %D    | MAX%D |
|----------------------------|-------|--------|---------|-------|-------|
| Dibenzofuran               | 1.781 | 1.614  |         | -9.4  |       |
| 2,4-Dinitrotoluene         | 0.356 | 0.392  |         | 10.1  |       |
| Diethylphthalate           | 1.406 | 1.340  |         | -4.7  |       |
| 4-Chlorophenyl-phenylether | 0.682 | 0.626  |         | -8.2  |       |
| Fluorene                   | 1.377 | 1.237  |         | -10.2 |       |
| 4-Nitroaniline             | 0.307 | 0.328  |         | 6.8   |       |
| 4,6-Dinitro-2-methylphenol | 0.082 | 0.114  |         | 39.0  |       |
| n-Nitrosodiphenylamine     | 0.572 | 0.539  |         | -5.8  | 20.0  |
| 2,4,6-Tribromophenol       | 0.236 | 0.273  |         | 15.7  |       |
| 4-Bromophenyl-phenylether  | 0.205 | 0.211  |         | 2.9   |       |
| Hexachlorobenzene          | 0.250 | 0.249  |         | -0.4  |       |
| Atrazine                   | 0.168 | 0.146  |         | -13.1 |       |
| Pentachlorophenol          | 0.169 | 0.185  |         | 9.5   | 20.0  |
| Phenanthrene               | 1.069 | 0.966  |         | -9.6  |       |
| Anthracene                 | 1.025 | 0.955  |         | -6.8  |       |
| Carbazole                  | 1.002 | 0.943  |         | -5.9  |       |
| Di-n-butylphthalate        | 1.116 | 1.193  |         | 6.9   |       |
| Fluoranthene               | 1.249 | 1.197  |         | -4.2  | 20.0  |
| Pyrene                     | 1.239 | 1.139  |         | -8.1  |       |
| Terphenyl-d14              | 0.910 | 0.855  |         | -6.0  |       |
| Butylbenzylphthalate       | 0.402 | 0.513  |         | 27.6  |       |
| 3,3-Dichlorobenzidine      | 0.365 | 0.436  |         | 19.5  |       |
| Benzo (a) anthracene       | 1.212 | 1.128  |         | -6.9  |       |
| Chrysene                   | 1.166 | 1.080  |         | -7.4  |       |
| Bis(2-ethylhexyl)phthalate | 0.650 | 0.772  |         | 18.8  |       |
| Di-n-octyl phthalate       | 1.054 | 1.342  |         | 27.3  | 20.0  |
| Benzo (b) fluoranthene     | 1.164 | 1.062  |         | -8.8  |       |
| Benzo (k) fluoranthene     | 1.158 | 1.036  |         | -10.5 |       |
| Benzo (a) pyrene           | 0.991 | 0.943  |         | -4.8  | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.274 | 1.283  |         | 0.7   |       |
| Dibenzo (a,h) anthracene   | 1.053 | 1.055  |         | 0.2   |       |
| Benzo (g,h,i) perylene     | 1.088 | 1.062  |         | -2.4  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.575 | 0.552  |         | -4.0  |       |
| 1,4-Dioxane                | 0.439 | 0.381  |         | -13.2 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.357 | 0.373  |         | 4.5   |       |

All other compounds must meet a minimum RRF of 0.010.

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>07/11/25</b> | 07/15/25  | 07/16/25  | <b>07/11/25</b> |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>TCLP</b> | TCLP BNA      | 8270E  | <b>07/11/25</b> | 07/16/25  | 07/16/25  | <b>07/11/25</b> |



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

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2592  
**Client:** PARSONS Engineering of New York, Inc.

| Sample ID   | Client ID | Matrix | Parameter            | Concentration | C    | MDL | RDL | Units |
|-------------|-----------|--------|----------------------|---------------|------|-----|-----|-------|
| Client ID : |           |        |                      |               |      |     |     |       |
|             |           |        |                      | 0.000         |      |     |     |       |
|             |           |        | Total Svoc :         |               | 0.00 |     |     |       |
|             |           |        | Total Concentration: |               | 0.00 |     |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                                       |                  |                 |          |      |
|--------------------|---------------------------------------|------------------|-----------------|----------|------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/16/25 |      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/16/25 |      |
| Client Sample ID:  | PB168847TB                            |                  | SDG No.:        | Q2592    |      |
| Lab Sample ID:     | PB168847TB                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                   | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                                |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143120.D        | 1         | 07/16/25 10:14 | 07/16/25 21:09 | PB168885      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |          |            |          |
| 110-86-1                  | Pyridine               | 50.0   | U         | 12.8     | 50.0       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 50.0   | U         | 5.30     | 50.0       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 50.0   | U         | 11.2     | 50.0       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 100    | U         | 11.0     | 100        | ug/L     |
| 67-72-1                   | Hexachloroethane       | 50.0   | U         | 6.50     | 50.0       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 50.0   | U         | 7.60     | 50.0       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 50.0   | U         | 5.40     | 50.0       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 50.0   | U         | 5.10     | 50.0       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 50.0   | U         | 6.20     | 50.0       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 50.0   | U         | 12.2     | 50.0       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 50.0   | U         | 5.20     | 50.0       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 100    | U         | 15.8     | 100        | ug/L     |
| <b>SURROGATES</b>         |                        |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 115    |           | 23 - 138 | 77%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 114    |           | 10 - 134 | 76%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 85.0   |           | 67 - 132 | 85%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 73.8   |           | 52 - 132 | 74%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 134    |           | 44 - 137 | 90%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 84.3   |           | 42 - 152 | 84%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 136000 | 6.963     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 521000 | 8.245     |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 267000 | 10.004    |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 451000 | 11.486    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 236000 | 14.127    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 211000 | 15.633    |          |            |          |

## Report of Analysis

|                    |                                       |                  |                 |          |      |
|--------------------|---------------------------------------|------------------|-----------------|----------|------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/16/25 |      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/16/25 |      |
| Client Sample ID:  | PB168847TB                            |                  | SDG No.:        | Q2592    |      |
| Lab Sample ID:     | PB168847TB                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                   | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                                |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143120.D        | 1         | 07/16/25 10:14 | 07/16/25 21:09 | PB168885      |

| 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

## Report of Analysis

|                    |                                       |                 |          |
|--------------------|---------------------------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID:  | WC-SOIL-20250711                      | SDG No.:        | Q2592    |
| Lab Sample ID:     | Q2592-02                              | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                         | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                          | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                                |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143121.D        | 1         | 07/16/25 10:14 | 07/16/25 21:39 | PB168885      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |          |            |          |
| 110-86-1                  | Pyridine               | 50.0   | U         | 12.8     | 50.0       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 50.0   | U         | 5.30     | 50.0       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 50.0   | U         | 11.2     | 50.0       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 100    | U         | 11.0     | 100        | ug/L     |
| 67-72-1                   | Hexachloroethane       | 50.0   | U         | 6.50     | 50.0       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 50.0   | U         | 7.60     | 50.0       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 50.0   | U         | 5.40     | 50.0       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 50.0   | U         | 5.10     | 50.0       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 50.0   | U         | 6.20     | 50.0       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 50.0   | U         | 12.2     | 50.0       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 50.0   | U         | 5.20     | 50.0       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 100    | U         | 15.8     | 100        | ug/L     |
| <b>SURROGATES</b>         |                        |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 103    |           | 23 - 138 | 68%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 96.1   |           | 10 - 134 | 64%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 81.1   |           | 67 - 132 | 81%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 69.8   |           | 52 - 132 | 70%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 136    |           | 44 - 137 | 91%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 74.4   |           | 42 - 152 | 74%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 137000 | 6.969     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 518000 | 8.245     |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 266000 | 9.998     |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 452000 | 11.486    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 249000 | 14.127    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 227000 | 15.633    |          |            |          |



## Report of Analysis

|                    |                                       |                  |                 |          |
|--------------------|---------------------------------------|------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/11/25 |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/11/25 |
| Client Sample ID:  | WC-SOIL-20250711                      |                  | SDG No.:        | Q2592    |
| Lab Sample ID:     | Q2592-02                              |                  | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 100                                   | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                                |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143121.D        | 1         | 07/16/25 10:14 | 07/16/25 21:39 | PB168885      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

## Surrogate Summary

SW-846

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8270E

| Lab Sample ID | Client ID           | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |                     |                      |             |              |              |      | Low        | High |
| PB168847TB    | PB168847TB          | 2-Fluorophenol       | 150         | 115          | 77           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 114          | 76           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 85.0         | 85           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 73.8         | 74           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 134          | 90           |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 84.3         | 84           |      | 42         | 152  |
| PB168885BL    | PB168885BL          | 2-Fluorophenol       | 150         | 133          | 89           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 129          | 86           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 82.7         | 83           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 80.1         | 80           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 157          | 105          |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 86.6         | 87           |      | 42         | 152  |
| PB168885BS    | PB168885BS          | 2-Fluorophenol       | 150         | 129          | 86           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 130          | 87           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 76.8         | 77           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 73.5         | 74           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 150          | 100          |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 76.8         | 77           |      | 42         | 152  |
| Q2592-02      | WC-SOIL-20250711    | 2-Fluorophenol       | 150         | 103          | 68           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 96.1         | 64           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 81.1         | 81           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 69.8         | 70           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 136          | 91           |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 74.4         | 74           |      | 42         | 152  |
| Q2592-02MS    | WC-SOIL-20250711MS  | 2-Fluorophenol       | 150         | 99.9         | 67           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 95.0         | 63           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 80.6         | 81           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 68.4         | 68           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 126          | 84           |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 69.6         | 70           |      | 42         | 152  |
| Q2592-02MSD   | WC-SOIL-20250711MSD | 2-Fluorophenol       | 150         | 100          | 67           |      | 23         | 138  |
|               |                     | Phenol-d6            | 150         | 96.3         | 64           |      | 10         | 134  |
|               |                     | Nitrobenzene-d5      | 100         | 82.6         | 83           |      | 67         | 132  |
|               |                     | 2-Fluorobiphenyl     | 100         | 68.6         | 69           |      | 52         | 132  |
|               |                     | 2,4,6-Tribromophenol | 150         | 127          | 85           |      | 44         | 137  |
|               |                     | Terphenyl-d14        | 100         | 68.7         | 69           |      | 42         | 152  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2592

**Analytical Method:** SW8270E

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

**DataFile:** BF143122.D

| Parameter                        | Spike | Sample Result                               | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|---------------------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q2592-02MS</b> |       | <b>Client Sample ID: WC-SOIL-20250711MS</b> |        |       |     |          |     |          |     |             |     |
| Pyridine                         | 500   | 0                                           | 290    | ug/L  | 58  |          |     |          | 10  | 109         |     |
| 1,4-Dichlorobenzene              | 500   | 0                                           | 360    | ug/L  | 72  |          |     |          | 55  | 125         |     |
| 2-Methylphenol                   | 500   | 0                                           | 390    | ug/L  | 78  |          |     |          | 60  | 131         |     |
| 3+4-Methylphenols                | 500   | 0                                           | 390    | ug/L  | 78  |          |     |          | 54  | 136         |     |
| Hexachloroethane                 | 500   | 0                                           | 370    | ug/L  | 74  |          |     |          | 19  | 146         |     |
| Nitrobenzene                     | 500   | 0                                           | 430    | ug/L  | 86  |          |     |          | 62  | 112         |     |
| Hexachlorobutadiene              | 500   | 0                                           | 390    | ug/L  | 78  |          |     |          | 52  | 125         |     |
| 2,4,6-Trichlorophenol            | 500   | 0                                           | 440    | ug/L  | 88  |          |     |          | 78  | 112         |     |
| 2,4,5-Trichlorophenol            | 500   | 0                                           | 430    | ug/L  | 86  |          |     |          | 71  | 111         |     |
| 2,4-Dinitrotoluene               | 500   | 0                                           | 460    | ug/L  | 92  |          |     |          | 74  | 137         |     |
| Hexachlorobenzene                | 500   | 0                                           | 430    | ug/L  | 86  |          |     |          | 72  | 115         |     |
| Pentachlorophenol                | 1000  | 0                                           | 750    | ug/L  | 75  |          |     |          | 52  | 162         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q2592

**Analytical Method:** SW8270E

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

**DataFile:** BF143123.D

| Parameter                         | Spike | Sample Result                                | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|----------------------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q2592-02MSD</b> |       | <b>Client Sample ID: WC-SOIL-20250711MSD</b> |        |       |     |          |     |          |     |             |     |
| Pyridine                          | 500   | 0                                            | 290    | ug/L  | 58  | 0        |     |          | 10  | 109         | 20  |
| 1,4-Dichlorobenzene               | 500   | 0                                            | 360    | ug/L  | 72  | 0        |     |          | 55  | 125         | 20  |
| 2-Methylphenol                    | 500   | 0                                            | 400    | ug/L  | 80  | 3        |     |          | 60  | 131         | 20  |
| 3+4-Methylphenols                 | 500   | 0                                            | 400    | ug/L  | 80  | 3        |     |          | 54  | 136         | 20  |
| Hexachloroethane                  | 500   | 0                                            | 380    | ug/L  | 76  | 3        |     |          | 19  | 146         | 20  |
| Nitrobenzene                      | 500   | 0                                            | 430    | ug/L  | 86  | 0        |     |          | 62  | 112         | 20  |
| Hexachlorobutadiene               | 500   | 0                                            | 390    | ug/L  | 78  | 0        |     |          | 52  | 125         | 20  |
| 2,4,6-Trichlorophenol             | 500   | 0                                            | 440    | ug/L  | 88  | 0        |     |          | 78  | 112         | 20  |
| 2,4,5-Trichlorophenol             | 500   | 0                                            | 430    | ug/L  | 86  | 0        |     |          | 71  | 111         | 20  |
| 2,4-Dinitrotoluene                | 500   | 0                                            | 470    | ug/L  | 94  | 2        |     |          | 74  | 137         | 20  |
| Hexachlorobenzene                 | 500   | 0                                            | 440    | ug/L  | 88  | 2        |     |          | 72  | 115         | 20  |
| Pentachlorophenol                 | 1000  | 0                                            | 710    | ug/L  | 71  | 5        |     |          | 52  | 162         | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                 |                                              |                           |                   |
|-----------------|----------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                 | <b>Analytical Method:</b> | <u>8270E</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc.</u> | <b>DataFile:</b>          | <u>BM050476.D</u> |

| Lab Sample ID | Parameter             | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      |     |
|---------------|-----------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                       |       |        |      |     |     |      | Qual | Low    | High | RPD |
| PB168885BS    | Pyridine              | 50    | 39.1   | ug/L | 78  |     |      |      | 29     | 97   |     |
|               | 1,4-Dichlorobenzene   | 50    | 43.0   | ug/L | 86  |     |      |      | 76     | 103  |     |
|               | 2-Methylphenol        | 50    | 47.4   | ug/L | 95  |     |      |      | 69     | 109  |     |
|               | 3+4-Methylphenols     | 50    | 47.8   | ug/L | 96  |     |      |      | 67     | 106  |     |
|               | Hexachloroethane      | 50    | 43.1   | ug/L | 86  |     |      |      | 76     | 118  |     |
|               | Nitrobenzene          | 50    | 44.3   | ug/L | 89  |     |      |      | 58     | 106  |     |
|               | Hexachlorobutadiene   | 50    | 44.8   | ug/L | 90  |     |      |      | 69     | 101  |     |
|               | 2,4,6-Trichlorophenol | 50    | 50.9   | ug/L | 102 |     |      |      | 61     | 110  |     |
|               | 2,4,5-Trichlorophenol | 50    | 51.7   | ug/L | 103 |     |      |      | 70     | 106  |     |
|               | 2,4-Dinitrotoluene    | 50    | 49.2   | ug/L | 98  |     |      |      | 60     | 115  |     |
|               | Hexachlorobenzene     | 50    | 47.8   | ug/L | 96  |     |      |      | 73     | 106  |     |
|               | Pentachlorophenol     | 100   | 110    | ug/L | 110 |     |      |      | 47     | 114  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168885BL

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Lab Name: <u>Alliance</u>         | Contract: <u>PARS02</u>           |
| Lab Code: <u>ACE</u>              | SDG NO.: <u>Q2592</u>             |
| Lab File ID: <u>BM050475.D</u>    | Lab Sample ID: <u>PB168885BL</u>  |
| Instrument ID: <u>BNA_M</u>       | Date Extracted: <u>07/16/2025</u> |
| Matrix: (soil/water) <u>water</u> | Date Analyzed: <u>07/17/2025</u>  |
| Level: (low/med) <u>LOW</u>       | Time Analyzed: <u>14:57</u>       |

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

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|---------------------|------------------|----------------|------------------|
| PB168885BS          | PB168885BS       | BM050476.D     | 07/17/2025       |
| PB168847TB          | PB168847TB       | BF143120.D     | 07/16/2025       |
| WC-SOIL-20250711    | Q2592-02         | BF143121.D     | 07/16/2025       |
| WC-SOIL-20250711MS  | Q2592-02MS       | BF143122.D     | 07/16/2025       |
| WC-SOIL-20250711MSD | Q2592-02MSD      | BF143123.D     | 07/16/2025       |

COMMENTS: \_\_\_\_\_

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143092.D  
Instrument ID: BNA\_F

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/15/2025  
DFTPP Injection Time: 12:35

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 2 ) 1          |
| 69  | Mass 69 relative abundance         | 29.6                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 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            | 5.1                  |
| 365 | Greater than 1% of mass 198        | 3.1                  |
| 441 | Present, but less than mass 443    | 15                   |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.4 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BF143093.D     | 07/15/2025       | 13:04            |
| SSTDICC005        | SSTDICC005       | BF143094.D     | 07/15/2025       | 13:35            |
| SSTDICC010        | SSTDICC010       | BF143095.D     | 07/15/2025       | 14:05            |
| SSTDICC020        | SSTDICC020       | BF143096.D     | 07/15/2025       | 14:36            |
| SSTDICCC040       | SSTDICCC040      | BF143097.D     | 07/15/2025       | 15:05            |
| SSTDICC050        | SSTDICC050       | BF143098.D     | 07/15/2025       | 15:35            |
| SSTDICC060        | SSTDICC060       | BF143099.D     | 07/15/2025       | 16:05            |
| SSTDICC080        | SSTDICC080       | BF143100.D     | 07/15/2025       | 16:35            |



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143116.D  
Instrument ID: BNA\_F

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/16/2025  
DFTPP Injection Time: 19:09

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.9 ) 1        |
| 69  | Mass 69 relative abundance         | 31.5                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.6                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 5.5                  |
| 365 | Greater than 1% of mass 198        | 2.9                  |
| 441 | Present, but less than mass 443    | 15.1                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.1 ( 19.1 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|---------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040          | SSTDCCC040       | BF143117.D     | 07/16/2025       | 19:39            |
| PB168847TB          | PB168847TB       | BF143120.D     | 07/16/2025       | 21:09            |
| WC-SOIL-20250711    | Q2592-02         | BF143121.D     | 07/16/2025       | 21:39            |
| WC-SOIL-20250711MS  | Q2592-02MS       | BF143122.D     | 07/16/2025       | 22:09            |
| WC-SOIL-20250711MSD | Q2592-02MSD      | BF143123.D     | 07/16/2025       | 22:38            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BM050376.D  
Instrument ID: BNA\_M

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/08/2025  
DFTPP Injection Time: 11:59

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 33.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 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            | 6.7                  |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 10.5                 |
| 442 | Greater than 50% of mass 198       | 66.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 12.9 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BM050377.D     | 07/08/2025       | 12:39            |
| SSTDICC005        | SSTDICC005       | BM050378.D     | 07/08/2025       | 13:19            |
| SSTDICC010        | SSTDICC010       | BM050379.D     | 07/08/2025       | 14:00            |
| SSTDICC020        | SSTDICC020       | BM050380.D     | 07/08/2025       | 14:40            |
| SSTDICCC040       | SSTDICCC040      | BM050381.D     | 07/08/2025       | 15:20            |
| SSTDICC050        | SSTDICC050       | BM050382.D     | 07/08/2025       | 16:01            |
| SSTDICC060        | SSTDICC060       | BM050383.D     | 07/08/2025       | 16:41            |
| SSTDICC080        | SSTDICC080       | BM050384.D     | 07/08/2025       | 17:22            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BM050473.D  
Instrument ID: BNA\_M

Contract: PARS02  
SDG NO.: Q2592  
DFTPP Injection Date: 07/17/2025  
DFTPP Injection Time: 13:02

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.5 ) 1        |
| 69  | Mass 69 relative abundance         | 25.5                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 3.6                  |
| 441 | Present, but less than mass 443    | 13.3                 |
| 442 | Greater than 50% of mass 198       | 85.5                 |
| 443 | 15.0 - 24.0% of mass 442           | 16.6 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BM050474.D     | 07/17/2025       | 13:42            |
| PB168885BL        | PB168885BL       | BM050475.D     | 07/17/2025       | 14:57            |
| PB168885BS        | PB168885BS       | BM050476.D     | 07/17/2025       | 15:57            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID : SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BF143117.D

Time Analyzed: 19:39

Instrument ID: BNA\_F

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

|                        | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|------------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD            | 135149              | 6.969 | 510164              | 8.25  | 254065              | 10.00  |
| UPPER LIMIT            | 270298              | 7.469 | 1020330             | 8.751 | 508130              | 10.504 |
| LOWER LIMIT            | 67574.5             | 6.469 | 255082              | 7.751 | 127033              | 9.504  |
| EPA SAMPLE NO.         |                     |       |                     |       |                     |        |
| 01 WC-SOIL-20250711    | 137278              | 6.97  | 517786              | 8.25  | 265739              | 10.00  |
| 02 WC-SOIL-20250711MS  | 147018              | 6.97  | 556657              | 8.25  | 279575              | 10.00  |
| 03 WC-SOIL-20250711MSD | 155046              | 6.97  | 589623              | 8.25  | 296871              | 10.00  |
| 04 PB168847TB          | 135526              | 6.96  | 521315              | 8.25  | 267383              | 10.00  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID: SSTDCCC040

Date Analyzed: 07/16/2025

Lab File ID: BF143117.D

Time Analyzed: 19:39

Instrument ID: BNA\_F

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

|                        | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD            | 397173              | 11.492 | 210714              | 14.127 | 255524              | 15.633 |
| UPPER LIMIT            | 794346              | 11.992 | 421428              | 14.627 | 511048              | 16.133 |
| LOWER LIMIT            | 198587              | 10.992 | 105357              | 13.627 | 127762              | 15.133 |
| EPA SAMPLE NO.         |                     |        |                     |        |                     |        |
| 01 WC-SOIL-20250711    | 451811              | 11.49  | 249471              | 14.13  | 227071              | 15.63  |
| 02 WC-SOIL-20250711MS  | 442443              | 11.49  | 237238              | 14.13  | 283551              | 15.63  |
| 03 WC-SOIL-20250711MSD | 461806              | 11.49  | 242870              | 14.13  | 288284              | 15.63  |
| 04 PB168847TB          | 451109              | 11.49  | 235930              | 14.13  | 210500              | 15.63  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID : SSTDCCC040

Date Analyzed: 07/17/2025

Lab File ID: BM050474.D

Time Analyzed: 13:42

Instrument ID: BNA\_M

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 523700              | 7.851 | 1980060             | 10.64  | 1283320             | 14.47  |
| UPPER LIMIT    | 1047400             | 8.351 | 3960120             | 11.139 | 2566640             | 14.974 |
| LOWER LIMIT    | 261850              | 7.351 | 990030              | 10.139 | 641660              | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB168885BL  | 484190              | 7.85  | 1695350             | 10.64  | 1085070             | 14.47  |
| 02 PB168885BS  | 516385              | 7.85  | 1948200             | 10.64  | 1313340             | 14.48  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2592

Client ID: SSTDCCC040

Date Analyzed: 07/17/2025

Lab File ID: BM050474.D

Time Analyzed: 13:42

Instrument ID: BNA\_M

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 2540660             | 17.209 | 2672210             | 21.433 | 2895080             | 24.456 |
| UPPER LIMIT    | 5081320             | 17.709 | 5344420             | 21.933 | 5790160             | 24.956 |
| LOWER LIMIT    | 1270330             | 16.709 | 1336110             | 20.933 | 1447540             | 23.956 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 PB168885BL  | 2246800             | 17.20  | 2374390             | 21.43  | 2623120             | 24.45  |
| 02 PB168885BS  | 2583210             | 17.21  | 2737580             | 21.43  | 2912640             | 24.46  |

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



## Report of Analysis

|                    |                                       |                  |                 |          |
|--------------------|---------------------------------------|------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |          |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |          |
| Client Sample ID:  | PB168885BL                            |                  | SDG No.:        | Q2592    |
| Lab Sample ID:     | PB168885BL                            |                  | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                  | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      |                                       |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050475.D        | 1         | 07/16/25 10:14 | 07/17/25 14:57 | PB168885      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|---------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |         |           |          |            |          |
| 110-86-1                  | Pyridine               | 5.00    | U         | 1.30     | 5.00       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 5.00    | U         | 0.53     | 5.00       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 5.00    | U         | 1.10     | 5.00       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 10.0    | U         | 1.10     | 10.0       | ug/L     |
| 67-72-1                   | Hexachloroethane       | 5.00    | U         | 0.65     | 5.00       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 5.00    | U         | 0.76     | 5.00       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 5.00    | U         | 0.54     | 5.00       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 5.00    | U         | 0.51     | 5.00       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 5.00    | U         | 0.62     | 5.00       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 5.00    | U         | 1.20     | 5.00       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 5.00    | U         | 0.52     | 5.00       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 10.0    | U         | 1.60     | 10.0       | ug/L     |
| <b>SURROGATES</b>         |                        |         |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 133     |           | 23 - 138 | 89%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 129     |           | 10 - 134 | 86%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 82.7    |           | 67 - 132 | 83%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 80.1    |           | 52 - 132 | 80%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 157     |           | 44 - 137 | 105%       | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 86.6    |           | 42 - 152 | 87%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 484000  | 7.845     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 1700000 | 10.639    |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 1090000 | 14.474    |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 2250000 | 17.203    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 2370000 | 21.427    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 2620000 | 24.45     |          |            |          |

## Report of Analysis

|                    |                                       |                  |                 |          |
|--------------------|---------------------------------------|------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |          |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |          |
| Client Sample ID:  | PB168885BL                            |                  | SDG No.:        | Q2592    |
| Lab Sample ID:     | PB168885BL                            |                  | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                  | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      |                                       |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050475.D        | 1         | 07/16/25 10:14 | 07/17/25 14:57 | PB168885      |

| 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

## Report of Analysis

|                    |                                       |                  |                 |          |      |
|--------------------|---------------------------------------|------------------|-----------------|----------|------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |          |      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |          |      |
| Client Sample ID:  | PB168885BS                            |                  | SDG No.:        | Q2592    |      |
| Lab Sample ID:     | PB168885BS                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 1000                                  | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      |                                       |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050476.D        | 1         | 07/16/25 10:14 | 07/17/25 15:57 | PB168885      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|---------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |         |           |          |            |          |
| 110-86-1                  | Pyridine               | 39.1    |           | 1.30     | 5.00       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 43.0    |           | 0.53     | 5.00       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 47.4    |           | 1.10     | 5.00       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 47.8    |           | 1.10     | 10.0       | ug/L     |
| 67-72-1                   | Hexachloroethane       | 43.1    |           | 0.65     | 5.00       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 44.3    |           | 0.76     | 5.00       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 44.8    |           | 0.54     | 5.00       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 50.9    |           | 0.51     | 5.00       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 51.7    |           | 0.62     | 5.00       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 49.2    |           | 1.20     | 5.00       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 47.8    |           | 0.52     | 5.00       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 110     | E         | 1.60     | 10.0       | ug/L     |
| <b>SURROGATES</b>         |                        |         |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 129     |           | 23 - 138 | 86%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 130     |           | 10 - 134 | 87%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 76.8    |           | 67 - 132 | 77%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 73.5    |           | 52 - 132 | 74%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 150     |           | 44 - 137 | 100%       | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 76.8    |           | 42 - 152 | 77%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 516000  |           | 7.846    |            |          |
| 1146-65-2                 | Naphthalene-d8         | 1950000 |           | 10.64    |            |          |
| 15067-26-2                | Acenaphthene-d10       | 1310000 |           | 14.475   |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 2580000 |           | 17.21    |            |          |
| 1719-03-5                 | Chrysene-d12           | 2740000 |           | 21.433   |            |          |
| 1520-96-3                 | Perylene-d12           | 2910000 |           | 24.462   |            |          |

## Report of Analysis

|                    |                                       |                  |                 |          |
|--------------------|---------------------------------------|------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: |          |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  |          |
| Client Sample ID:  | PB168885BS                            |                  | SDG No.:        | Q2592    |
| Lab Sample ID:     | PB168885BS                            |                  | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                  | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      |                                       |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050476.D        | 1         | 07/16/25 10:14 | 07/17/25 15:57 | PB168885      |

| 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

## Report of Analysis

|                    |                                       |                 |          |
|--------------------|---------------------------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID:  | WC-SOIL-20250711MS                    | SDG No.:        | Q2592    |
| Lab Sample ID:     | Q2592-02MS                            | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                         | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                          | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :   |
| Prep Method :      |                                       |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143122.D        | 1         | 07/16/25 10:14 | 07/16/25 22:09 | PB168885      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |          |            |          |
| 110-86-1                  | Pyridine               | 290    |           | 12.8     | 50.0       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 360    |           | 5.30     | 50.0       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 390    |           | 11.2     | 50.0       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 390    |           | 11.0     | 100        | ug/L     |
| 67-72-1                   | Hexachloroethane       | 370    |           | 6.50     | 50.0       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 430    |           | 7.60     | 50.0       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 390    |           | 5.40     | 50.0       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 440    |           | 5.10     | 50.0       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 430    |           | 6.20     | 50.0       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 460    |           | 12.2     | 50.0       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 430    |           | 5.20     | 50.0       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 750    |           | 15.8     | 100        | ug/L     |
| <b>SURROGATES</b>         |                        |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 99.9   |           | 23 - 138 | 67%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 95.0   |           | 10 - 134 | 63%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 80.6   |           | 67 - 132 | 81%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 68.4   |           | 52 - 132 | 68%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 126    |           | 44 - 137 | 84%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 69.6   |           | 42 - 152 | 70%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 147000 | 6.969     |          |            |          |
| 1146-65-2                 | Naphthalene-d8         | 557000 | 8.245     |          |            |          |
| 15067-26-2                | Acenaphthene-d10       | 280000 | 10.004    |          |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 442000 | 11.492    |          |            |          |
| 1719-03-5                 | Chrysene-d12           | 237000 | 14.127    |          |            |          |
| 1520-96-3                 | Perylene-d12           | 284000 | 15.633    |          |            |          |

## Report of Analysis

|                    |                                       |                  |                 |          |      |
|--------------------|---------------------------------------|------------------|-----------------|----------|------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/11/25 |      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/11/25 |      |
| Client Sample ID:  | WC-SOIL-20250711MS                    |                  | SDG No.:        | Q2592    |      |
| Lab Sample ID:     | Q2592-02MS                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                   | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      |                                       |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143122.D        | 1         | 07/16/25 10:14 | 07/16/25 22:09 | PB168885      |

| 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

## Report of Analysis

|                    |                                       |                 |          |
|--------------------|---------------------------------------|-----------------|----------|
| Client:            | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:           | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID:  | WC-SOIL-20250711MSD                   | SDG No.:        | Q2592    |
| Lab Sample ID:     | Q2592-02MSD                           | Matrix:         | TCLP     |
| Analytical Method: | 8270E                                 | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                         | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                          | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :   |
| Prep Method :      |                                       |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143123.D        | 1         | 07/16/25 10:14 | 07/16/25 22:38 | PB168885      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|----------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |          |            |          |
| 110-86-1                  | Pyridine               | 290    |           | 12.8     | 50.0       | ug/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 360    |           | 5.30     | 50.0       | ug/L     |
| 95-48-7                   | 2-Methylphenol         | 400    |           | 11.2     | 50.0       | ug/L     |
| 65794-96-9                | 3+4-Methylphenols      | 400    |           | 11.0     | 100        | ug/L     |
| 67-72-1                   | Hexachloroethane       | 380    |           | 6.50     | 50.0       | ug/L     |
| 98-95-3                   | Nitrobenzene           | 430    |           | 7.60     | 50.0       | ug/L     |
| 87-68-3                   | Hexachlorobutadiene    | 390    |           | 5.40     | 50.0       | ug/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 440    |           | 5.10     | 50.0       | ug/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 430    |           | 6.20     | 50.0       | ug/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 470    |           | 12.2     | 50.0       | ug/L     |
| 118-74-1                  | Hexachlorobenzene      | 440    |           | 5.20     | 50.0       | ug/L     |
| 87-86-5                   | Pentachlorophenol      | 710    |           | 15.8     | 100        | ug/L     |
| <b>SURROGATES</b>         |                        |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol         | 100    |           | 23 - 138 | 67%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 96.3   |           | 10 - 134 | 64%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 82.6   |           | 67 - 132 | 83%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 68.6   |           | 52 - 132 | 69%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 127    |           | 44 - 137 | 85%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 68.7   |           | 42 - 152 | 69%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 155000 |           | 6.969    |            |          |
| 1146-65-2                 | Naphthalene-d8         | 590000 |           | 8.245    |            |          |
| 15067-26-2                | Acenaphthene-d10       | 297000 |           | 10.004   |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 462000 |           | 11.492   |            |          |
| 1719-03-5                 | Chrysene-d12           | 243000 |           | 14.127   |            |          |
| 1520-96-3                 | Perylene-d12           | 288000 |           | 15.633   |            |          |

## Report of Analysis

|                    |                                       |                  |                 |          |      |
|--------------------|---------------------------------------|------------------|-----------------|----------|------|
| Client:            | PARSONS Engineering of New York, Inc. |                  | Date Collected: | 07/11/25 |      |
| Project:           | Con Edison - East River Site 2        |                  | Date Received:  | 07/11/25 |      |
| Client Sample ID:  | WC-SOIL-20250711MSD                   |                  | SDG No.:        | Q2592    |      |
| Lab Sample ID:     | Q2592-02MSD                           |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                                 |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                   | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                       | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                       | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                       | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      |                                       |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF143123.D        | 1         | 07/16/25 10:14 | 07/16/25 22:38 | PB168885      |

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

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MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

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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

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF071525.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Tue Jul 15 17:53:25 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BF143093.D 5 =BF143094.D 10 =BF143095.D 20 =BF143096.D 40 =BF143097.D 50 =BF143098.D 60 =BF143099.D 80 =BF143100.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2)    | 1,4-Dioxane           |                | 0.637 | 0.635 | 0.640 | 0.627 | 0.661 | 0.626 | 0.586 | 0.630 | 3.58  |
| 3)    | Pyridine              |                | 1.606 | 1.541 | 1.616 | 1.594 | 1.681 | 1.612 | 1.519 | 1.596 | 3.33  |
| 4)    | n-Nitrosodimet...     |                |       | 0.788 | 0.825 | 0.816 | 0.879 | 0.840 | 0.812 | 0.827 | 3.70  |
| 5) S  | 2-Fluorophenol        |                | 1.334 | 1.272 | 1.315 | 1.255 | 1.305 | 1.232 | 1.148 | 1.266 | 4.98  |
| 6)    | Aniline               |                | 2.330 | 2.254 | 2.280 | 2.205 | 2.351 | 2.196 | 2.069 | 2.241 | 4.26  |
| 7) S  | Phenol-d6             |                | 1.685 | 1.616 | 1.640 | 1.565 | 1.643 | 1.547 | 1.441 | 1.591 | 5.11  |
| 8)    | 2-Chlorophenol        |                | 1.239 | 1.208 | 1.321 | 1.273 | 1.363 | 1.286 | 1.212 | 1.272 | 4.51  |
| 9)    | Benzaldehyde          |                |       | 1.196 | 1.149 | 1.451 | 1.452 | 1.163 | 0.864 | 1.212 | 18.15 |
| 10) C | Phenol                |                | 1.766 | 1.742 | 1.782 | 1.709 | 1.780 | 1.694 | 1.584 | 1.723 | 4.07  |
| 11)   | bis(2-Chloroet...     |                | 1.425 | 1.363 | 1.366 | 1.309 | 1.371 | 1.291 | 1.209 | 1.334 | 5.26  |
| 12)   | 1,3-Dichlorobe...     |                | 1.547 | 1.482 | 1.470 | 1.414 | 1.471 | 1.388 | 1.286 | 1.437 | 5.83  |
| 13) C | 1,4-Dichlorobe...     |                | 1.570 | 1.473 | 1.504 | 1.412 | 1.482 | 1.386 | 1.292 | 1.446 | 6.27  |
| 14)   | 1,2-Dichlorobe...     |                | 1.468 | 1.409 | 1.430 | 1.364 | 1.417 | 1.321 | 1.241 | 1.379 | 5.57  |
| 15)   | Benzyl Alcohol        |                |       | 1.126 | 1.204 | 1.167 | 1.255 | 1.189 | 1.132 | 1.179 | 4.09  |
| 16)   | 2,2'-oxybis(1-...     |                | 2.713 | 2.532 | 2.528 | 2.405 | 2.517 | 2.342 | 2.171 | 2.458 | 6.99  |
| 17)   | 2-Methylphenol        |                | 1.132 | 1.081 | 1.124 | 1.083 | 1.150 | 1.077 | 1.035 | 1.098 | 3.63  |
| 18)   | Hexachloroethane      |                | 0.465 | 0.440 | 0.486 | 0.472 | 0.500 | 0.476 | 0.455 | 0.471 | 4.22  |
| 19) P | n-Nitroso-di-n...     | 0.956          | 1.029 | 0.988 | 1.002 | 0.964 | 1.017 | 0.945 | 0.897 | 0.975 | 4.44  |
| 20)   | 3+4-Methylphenols     |                |       | 1.399 | 1.419 | 1.356 | 1.421 | 1.293 | 1.189 | 1.346 | 6.74  |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22)   | Acetophenone          |                | 0.538 | 0.516 | 0.500 | 0.469 | 0.482 | 0.451 | 0.419 | 0.482 | 8.33  |
| 23) S | Nitrobenzene-d5       |                | 0.283 | 0.319 | 0.363 | 0.372 | 0.399 | 0.390 | 0.370 | 0.357 | 11.59 |
| 24)   | Nitrobenzene          |                | 0.282 | 0.317 | 0.357 | 0.356 | 0.385 | 0.366 | 0.347 | 0.344 | 9.94  |
| 25)   | Isophorone            |                | 0.705 | 0.688 | 0.697 | 0.678 | 0.718 | 0.687 | 0.651 | 0.689 | 3.11  |
| 26) C | 2-Nitrophenol         |                | 0.063 | 0.075 | 0.106 | 0.120 | 0.141 | 0.146 | 0.147 | 0.114 | 29.95 |
| 27)   | 2,4-Dimethylph...     |                | 0.325 | 0.322 | 0.326 | 0.320 | 0.332 | 0.315 | 0.299 | 0.320 | 3.38  |
| 28)   | bis(2-Chloroet...     |                | 0.444 | 0.434 | 0.435 | 0.409 | 0.424 | 0.404 | 0.375 | 0.418 | 5.63  |
| 29) C | 2,4-Dichloroph...     |                | 0.237 | 0.254 | 0.267 | 0.267 | 0.280 | 0.271 | 0.254 | 0.262 | 5.43  |
| 30)   | 1,2,4-Trichlor...     |                | 0.316 | 0.305 | 0.307 | 0.295 | 0.303 | 0.287 | 0.267 | 0.297 | 5.40  |
| 31)   | Naphthalene           |                | 1.099 | 1.048 | 1.037 | 0.966 | 0.987 | 0.937 | 0.878 | 0.993 | 7.52  |
| 32)   | Benzoic acid          |                |       | 0.080 | 0.111 | 0.144 | 0.159 | 0.171 | 0.172 | 0.139 | 26.27 |
| 33)   | 4-Chloroaniline       |                | 0.420 | 0.420 | 0.414 | 0.398 | 0.409 | 0.381 | 0.353 | 0.399 | 6.12  |
| 34) C | Hexachlorobuta...     |                | 0.185 | 0.176 | 0.183 | 0.177 | 0.182 | 0.176 | 0.163 | 0.178 | 4.10  |
| 35)   | Caprolactam           |                |       | 0.073 | 0.078 | 0.083 | 0.087 | 0.086 | 0.083 | 0.082 | 6.36  |
| 36) C | 4-Chloro-3-met...     |                | 0.285 | 0.290 | 0.296 | 0.293 | 0.307 | 0.293 | 0.277 | 0.291 | 3.26  |
| 37)   | 2-Methylnaphth...     |                | 0.644 | 0.626 | 0.615 | 0.580 | 0.597 | 0.562 | 0.524 | 0.592 | 6.91  |
| 38)   | 1-Methylnaphth...     |                | 0.678 | 0.660 | 0.631 | 0.603 | 0.615 | 0.578 | 0.537 | 0.615 | 7.81  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF071525.M

|       |                    |                |       |       |       |       |       |       |       |       |  |
|-------|--------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac...  | 0.616          | 0.600 | 0.602 | 0.578 | 0.601 | 0.561 | 0.522 | 0.583 | 5.56  |  |
| 41) P | Hexachlorocycl...  | 0.254          | 0.306 | 0.323 | 0.356 | 0.356 | 0.344 | 0.323 | 12.16 |       |  |
| 42) S | 2,4,6-Tribromo...  | 0.136          | 0.157 | 0.181 | 0.188 | 0.204 | 0.194 | 0.188 | 0.178 | 13.23 |  |
| 43) C | 2,4,6-Trichlor...  | 0.300          | 0.312 | 0.377 | 0.376 | 0.400 | 0.393 | 0.377 | 0.362 | 10.94 |  |
| 44)   | 2,4,5-Trichlor...  | 0.336          | 0.367 | 0.390 | 0.393 | 0.418 | 0.377 | 0.378 | 0.380 | 6.62  |  |
| 45) S | 2-Fluorobiphenyl   | 1.777          | 1.645 | 1.602 | 1.456 | 1.460 | 1.355 | 1.238 | 1.505 | 12.18 |  |
| 46)   | 1,1'-Biphenyl      | 1.750          | 1.687 | 1.671 | 1.567 | 1.610 | 1.496 | 1.384 | 1.595 | 7.84  |  |
| 47)   | 2-Chloronaphth...  | 1.271          | 1.203 | 1.206 | 1.159 | 1.195 | 1.120 | 1.048 | 1.172 | 6.10  |  |
| 48)   | 2-Nitroaniline     | 0.180          | 0.224 | 0.296 | 0.328 | 0.372 | 0.363 | 0.355 | 0.303 | 24.51 |  |
| 49)   | Acenaphthylene     | 2.060          | 2.011 | 2.034 | 1.959 | 1.989 | 1.867 | 1.746 | 1.952 | 5.65  |  |
| 50)   | Dimethylphthalate  | 1.310          | 1.259 | 1.292 | 1.257 | 1.302 | 1.219 | 1.169 | 1.258 | 4.01  |  |
| 51)   | 2,6-Dinitrotol...  | 0.133          | 0.176 | 0.222 | 0.234 | 0.262 | 0.262 | 0.247 | 0.219 | 22.07 |  |
| 52) C | Acenaphthene       | 1.273          | 1.204 | 1.173 | 1.127 | 1.168 | 1.088 | 1.032 | 1.152 | 6.85  |  |
| 53)   | 3-Nitroaniline     | 0.180          | 0.227 | 0.283 | 0.288 | 0.318 | 0.313 | 0.295 | 0.272 | 18.56 |  |
| 54) P | 2,4-Dinitrophenol  | 0.038          | 0.056 | 0.069 | 0.086 | 0.090 | 0.097 | 0.073 | 31.18 |       |  |
| 55)   | Dibenzofuran       | 1.895          | 1.795 | 1.785 | 1.697 | 1.729 | 1.604 | 1.516 | 1.717 | 7.37  |  |
| 56) P | 4-Nitrophenol      | 0.164          | 0.201 | 0.224 | 0.239 | 0.237 | 0.232 | 0.216 | 13.37 |       |  |
| 57)   | 2,4-Dinitrotol...  | 0.147          | 0.197 | 0.253 | 0.295 | 0.326 | 0.319 | 0.320 | 0.265 | 26.25 |  |
| 58)   | Fluorene           | 1.478          | 1.387 | 1.328 | 1.246 | 1.284 | 1.186 | 1.105 | 1.288 | 9.67  |  |
| 59)   | 2,3,4,6-Tetrac...  | 0.253          | 0.274 | 0.302 | 0.312 | 0.339 | 0.323 | 0.309 | 0.302 | 9.71  |  |
| 60)   | Diethylphthalate   | 1.221          | 1.217 | 1.257 | 1.225 | 1.260 | 1.187 | 1.130 | 1.214 | 3.68  |  |
| 61)   | 4-Chlorophenyl...  | 0.666          | 0.642 | 0.631 | 0.614 | 0.625 | 0.586 | 0.555 | 0.617 | 5.92  |  |
| 62)   | 4-Nitroaniline     | 0.169          | 0.208 | 0.237 | 0.249 | 0.270 | 0.263 | 0.259 | 0.236 | 15.25 |  |
| 63)   | Azobenzene         | 1.425          | 1.399 | 1.375 | 1.328 | 1.381 | 1.282 | 1.208 | 1.343 | 5.65  |  |
| 64) I | Phenanthrene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-...  | 0.035          | 0.053 | 0.064 | 0.079 | 0.084 | 0.086 | 0.067 | 30.46 |       |  |
| 66) c | n-Nitrosodiphe...  | 0.735          | 0.709 | 0.736 | 0.682 | 0.717 | 0.685 | 0.654 | 0.703 | 4.30  |  |
| 67)   | 4-Bromophenyl-...  | 0.231          | 0.219 | 0.234 | 0.222 | 0.239 | 0.228 | 0.219 | 0.227 | 3.38  |  |
| 68)   | Hexachlorobenzene  | 0.249          | 0.237 | 0.247 | 0.235 | 0.250 | 0.239 | 0.231 | 0.241 | 3.12  |  |
| 69)   | Atrazine           | 0.158          | 0.171 | 0.184 | 0.181 | 0.195 | 0.185 | 0.184 | 0.180 | 6.72  |  |
| 70) C | Pentachlorophenol  | 0.098          | 0.125 | 0.132 | 0.149 | 0.145 | 0.145 | 0.132 | 14.47 |       |  |
| 71)   | Phenanthrene       | 1.190          | 1.136 | 1.111 | 1.042 | 1.089 | 1.021 | 0.968 | 1.079 | 6.95  |  |
| 72)   | Anthracene         | 1.158          | 1.126 | 1.126 | 1.057 | 1.106 | 1.042 | 0.983 | 1.085 | 5.62  |  |
| 73)   | Carbazole          | 1.038          | 1.026 | 1.008 | 0.938 | 0.998 | 0.927 | 0.873 | 0.972 | 6.27  |  |
| 74)   | Di-n-butylphth...  | 0.746          | 0.846 | 0.913 | 0.921 | 0.983 | 0.942 | 0.897 | 0.893 | 8.62  |  |
| 75) C | Fluoranthene       | 1.044          | 1.053 | 1.009 | 0.960 | 0.998 | 0.938 | 0.869 | 0.981 | 6.59  |  |
| 76) I | Chrysene-d12       | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine          | 0.664          | 0.786 | 0.834 | 0.674 | 0.616 | 0.514 | 0.681 | 17.02 |       |  |
| 78)   | Pyrene             | 2.018          | 1.956 | 1.955 | 1.842 | 1.918 | 1.716 | 1.585 | 1.856 | 8.33  |  |
| 79) S | Terphenyl-d14      | 1.563          | 1.471 | 1.437 | 1.343 | 1.385 | 1.246 | 1.133 | 1.368 | 10.53 |  |
| 80)   | Butylbenzylphth... | 0.179          | 0.233 | 0.310 | 0.343 | 0.385 | 0.395 | 0.384 | 0.318 | 26.22 |  |
| 81)   | Benzo(a)anthra...  | 1.296          | 1.304 | 1.406 | 1.347 | 1.403 | 1.326 | 1.247 | 1.333 | 4.34  |  |
| 82)   | 3,3'-Dichlorob...  | 0.314          | 0.406 | 0.385 | 0.428 | 0.411 | 0.377 | 0.387 | 10.35 |       |  |
| 83)   | Chrysene           | 1.286          | 1.234 | 1.211 | 1.201 | 1.270 | 1.228 | 1.162 | 1.227 | 3.41  |  |
| 84)   | Bis(2-ethylhex...  | 0.273          | 0.343 | 0.479 | 0.515 | 0.578 | 0.591 | 0.583 | 0.480 | 26.25 |  |
| 85) c | Di-n-octyl pht...  | 0.474          | 0.811 | 0.922 | 1.073 | 1.115 | 1.167 | 0.927 | 27.83 |       |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF071525.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.345          | 1.411 | 1.526 | 1.521 | 1.620 | 1.519 | 1.470 | 1.488 | 5.98 |
| 88)   | Benzo(b)fluora... | 1.063          | 1.191 | 1.171 | 1.082 | 1.297 | 1.185 | 1.087 | 1.154 | 7.17 |
| 89)   | Benzo(k)fluora... | 1.175          | 1.066 | 1.111 | 1.148 | 1.088 | 1.060 | 1.056 | 1.101 | 4.23 |
| 90) C | Benzo(a)pyrene    | 0.989          | 1.019 | 1.108 | 1.124 | 1.196 | 1.124 | 1.078 | 1.091 | 6.41 |
| 91)   | Dibenzo(a,h)an... | 1.114          | 1.162 | 1.266 | 1.240 | 1.330 | 1.222 | 1.178 | 1.216 | 5.90 |
| 92)   | Benzo(g,h,i)pe... | 1.148          | 1.187 | 1.263 | 1.258 | 1.349 | 1.260 | 1.214 | 1.240 | 5.20 |

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
 Method File : 8270-BM070925.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Tue Jul 08 18:32:25 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM050384.D

| Compound                   | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|----------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                      |                |       |       |       |       |       |       |       |       |       |
| 1) I 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2) 1,4-Dioxane             | 0.504          | 0.466 | 0.482 | 0.460 | 0.501 | 0.474 | 0.457 | 0.478 |       | 3.99  |
| 3) Pyridine                | 1.249          | 1.197 | 1.256 | 1.228 | 1.336 | 1.279 | 1.236 | 1.254 |       | 3.52  |
| 4) n-Nitrosodimet...       |                | 0.562 | 0.595 | 0.572 | 0.620 | 0.595 | 0.565 | 0.585 |       | 3.88  |
| 5) S 2-Fluorophenol        | 1.126          | 1.079 | 1.149 | 1.152 | 1.258 | 1.202 | 1.168 | 1.162 |       | 4.89  |
| 6) Aniline                 | 1.784          | 1.702 | 1.844 | 1.878 | 2.042 | 1.987 | 1.921 | 1.880 |       | 6.20  |
| 7) S Phenol-d6             | 1.367          | 1.327 | 1.441 | 1.466 | 1.607 | 1.547 | 1.498 | 1.465 |       | 6.67  |
| 8) 2-Chlorophenol          | 1.135          | 1.105 | 1.219 | 1.217 | 1.341 | 1.301 | 1.258 | 1.225 |       | 6.89  |
| 9) Benzaldehyde            |                | 0.944 | 0.985 | 0.897 | 0.837 | 0.694 |       | 0.871 |       | 13.03 |
| 10) C Phenol               | 1.460          | 1.412 | 1.516 | 1.508 | 1.666 | 1.598 | 1.535 | 1.528 |       | 5.51  |
| 11) bis(2-Chloroet...      | 1.202          | 1.134 | 1.223 | 1.196 | 1.324 | 1.268 | 1.218 | 1.223 |       | 4.88  |
| 12) 1,3-Dichlorobe...      | 1.504          | 1.425 | 1.496 | 1.448 | 1.580 | 1.511 | 1.465 | 1.490 |       | 3.40  |
| 13) C 1,4-Dichlorobe...    | 1.553          | 1.459 | 1.536 | 1.465 | 1.610 | 1.538 | 1.487 | 1.521 |       | 3.57  |
| 14) 1,2-Dichlorobe...      | 1.481          | 1.395 | 1.454 | 1.410 | 1.541 | 1.485 | 1.428 | 1.456 |       | 3.48  |
| 15) Benzyl Alcohol         |                | 0.907 | 0.995 | 1.022 | 1.125 | 1.090 | 1.052 | 1.032 |       | 7.45  |
| 16) 2,2'-oxybis(1-...      | 1.835          | 1.741 | 1.818 | 1.752 | 1.907 | 1.821 | 1.741 | 1.802 |       | 3.41  |
| 17) 2-Methylphenol         | 0.922          | 0.898 | 0.980 | 0.990 | 1.089 | 1.048 | 1.008 | 0.991 |       | 6.71  |
| 18) Hexachloroethane       | 0.518          | 0.501 | 0.532 | 0.520 | 0.574 | 0.556 | 0.543 | 0.535 |       | 4.66  |
| 19) P n-Nitroso-di-n...    | 0.790          | 0.805 | 0.808 | 0.888 | 0.911 | 1.005 | 0.968 | 0.924 | 0.887 | 9.01  |
| 20) 3+4-Methylphenols      |                | 1.170 | 1.296 | 1.325 | 1.458 | 1.393 | 1.338 | 1.330 |       | 7.29  |
|                            |                |       |       |       |       |       |       |       |       |       |
| 21) I Naphthalene-d8       | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22) Acetophenone           | 0.493          | 0.479 | 0.501 | 0.491 | 0.534 | 0.513 | 0.489 | 0.500 |       | 3.69  |
| 23) S Nitrobenzene-d5      | 0.362          | 0.355 | 0.390 | 0.392 | 0.429 | 0.415 | 0.400 | 0.392 |       | 6.77  |
| 24) Nitrobenzene           | 0.333          | 0.329 | 0.353 | 0.345 | 0.377 | 0.362 | 0.349 | 0.350 |       | 4.73  |
| 25) Isophorone             | 0.571          | 0.574 | 0.634 | 0.640 | 0.702 | 0.679 | 0.652 | 0.636 |       | 7.73  |
| 26) C 2-Nitrophenol        | 0.107          | 0.112 | 0.132 | 0.147 | 0.167 | 0.167 | 0.167 | 0.143 |       | 18.26 |
| 27) 2,4-Dimethylph...      | 0.295          | 0.275 | 0.301 | 0.299 | 0.329 | 0.317 | 0.308 | 0.303 |       | 5.63  |
| 28) bis(2-Chloroet...      | 0.407          | 0.395 | 0.422 | 0.417 | 0.454 | 0.436 | 0.420 | 0.422 |       | 4.61  |
| 29) C 2,4-Dichloroph...    | 0.277          | 0.279 | 0.311 | 0.312 | 0.344 | 0.334 | 0.325 | 0.312 |       | 8.26  |
| 30) 1,2,4-Trichlor...      | 0.370          | 0.349 | 0.369 | 0.362 | 0.397 | 0.385 | 0.378 | 0.373 |       | 4.21  |
| 31) Naphthalene            | 1.033          | 0.975 | 1.024 | 0.988 | 1.071 | 1.029 | 0.992 | 1.016 |       | 3.26  |
| 32) Benzoic acid           |                | 0.100 | 0.139 | 0.164 | 0.195 | 0.194 | 0.199 | 0.165 |       | 23.89 |
| 33) 4-Chloroaniline        | 0.398          | 0.397 | 0.427 | 0.429 | 0.465 | 0.453 | 0.437 | 0.429 |       | 6.00  |
| 34) C Hexachlorobuta...    | 0.222          | 0.209 | 0.222 | 0.221 | 0.244 | 0.239 | 0.235 | 0.228 |       | 5.37  |
| 35) Caprolactam            |                | 0.064 | 0.081 | 0.087 | 0.096 | 0.093 | 0.090 | 0.085 |       | 13.87 |
| 36) C 4-Chloro-3-met...    | 0.258          | 0.256 | 0.288 | 0.295 | 0.326 | 0.313 | 0.302 | 0.291 |       | 9.10  |
| 37) 2-Methylnaphth...      | 0.611          | 0.595 | 0.638 | 0.635 | 0.693 | 0.671 | 0.647 | 0.641 |       | 5.19  |
| 38) 1-Methylnaphth...      | 0.651          | 0.629 | 0.674 | 0.673 | 0.736 | 0.707 | 0.681 | 0.679 |       | 5.17  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
 Method File : 8270-BM070925.M

|       |                   |                |       |       |       |       |       |       |       |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 40)   | 1,2,4,5-Tetrac... | 0.590          | 0.569 | 0.611 | 0.622 | 0.700 | 0.683 | 0.677 | 0.636 | 7.93  |
| 41) P | Hexachlorocycl... | 0.320          | 0.361 | 0.396 | 0.450 | 0.454 | 0.459 | 0.407 |       | 14.08 |
| 42) S | 2,4,6-Tribromo... | 0.182          | 0.195 | 0.230 | 0.248 | 0.285 | 0.280 | 0.280 | 0.243 | 17.40 |
| 43) C | 2,4,6-Trichlor... | 0.330          | 0.335 | 0.377 | 0.394 | 0.443 | 0.434 | 0.427 | 0.391 | 11.81 |
| 44)   | 2,4,5-Trichlor... | 0.359          | 0.376 | 0.415 | 0.430 | 0.484 | 0.470 | 0.460 | 0.428 | 11.13 |
| 45) S | 2-Fluorobiphenyl  | 1.572          | 1.538 | 1.611 | 1.592 | 1.753 | 1.697 | 1.575 | 1.620 | 4.74  |
| 46)   | 1,1'-Biphenyl     | 1.464          | 1.419 | 1.479 | 1.441 | 1.586 | 1.527 | 1.471 | 1.484 | 3.79  |
| 47)   | 2-Chloronaphth... | 1.164          | 1.126 | 1.187 | 1.150 | 1.267 | 1.217 | 1.171 | 1.183 | 3.93  |
| 48)   | 2-Nitroaniline    | 0.197          | 0.211 | 0.253 | 0.278 | 0.312 | 0.302 | 0.295 | 0.264 | 17.17 |
| 49)   | Acenaphthylene    | 1.645          | 1.658 | 1.795 | 1.775 | 1.956 | 1.875 | 1.811 | 1.788 | 6.21  |
| 50)   | Dimethylphthalate | 1.323          | 1.285 | 1.368 | 1.351 | 1.506 | 1.432 | 1.373 | 1.377 | 5.29  |
| 51)   | 2,6-Dinitrotol... | 0.196          | 0.224 | 0.263 | 0.273 | 0.308 | 0.297 | 0.289 | 0.264 | 15.41 |
| 52) C | Acenaphthene      | 1.086          | 1.050 | 1.126 | 1.111 | 1.231 | 1.196 | 1.158 | 1.137 | 5.51  |
| 53)   | 3-Nitroaniline    | 0.204          | 0.231 | 0.278 | 0.294 | 0.330 | 0.319 | 0.311 | 0.281 | 16.81 |
| 54) P | 2,4-Dinitrophenol | 0.074          | 0.097 | 0.117 | 0.140 | 0.147 | 0.150 | 0.121 |       | 25.40 |
| 55)   | Dibenzofuran      | 1.747          | 1.674 | 1.756 | 1.709 | 1.880 | 1.784 | 1.711 | 1.751 | 3.84  |
| 56) P | 4-Nitrophenol     | 0.182          | 0.225 | 0.245 | 0.276 | 0.265 | 0.258 | 0.242 |       | 14.15 |
| 57)   | 2,4-Dinitrotol... | 0.234          | 0.277 | 0.340 | 0.371 | 0.422 | 0.407 | 0.401 | 0.350 | 20.31 |
| 58)   | Fluorene          | 1.348          | 1.328 | 1.428 | 1.419 | 1.582 | 1.522 | 1.470 | 1.443 | 6.29  |
| 59)   | 2,3,4,6-Tetrac... | 0.299          | 0.306 | 0.355 | 0.365 | 0.405 | 0.397 | 0.392 | 0.360 | 11.92 |
| 60)   | Diethylphthalate  | 1.217          | 1.210 | 1.319 | 1.309 | 1.454 | 1.379 | 1.320 | 1.315 | 6.51  |
| 61)   | 4-Chlorophenyl... | 0.687          | 0.673 | 0.733 | 0.747 | 0.839 | 0.811 | 0.790 | 0.754 | 8.28  |
| 62)   | 4-Nitroaniline    | 0.192          | 0.228 | 0.284 | 0.311 | 0.350 | 0.331 | 0.320 | 0.288 | 20.10 |
| 63)   | Azobenzene        | 1.085          | 1.116 | 1.234 | 1.208 | 1.335 | 1.272 | 1.204 | 1.208 | 7.15  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 65)   | 4,6-Dinitro-2-... | 0.057          | 0.077 | 0.094 | 0.109 | 0.113 | 0.117 | 0.095 |       | 24.90 |
| 66) c | n-Nitrosodiphe... | 0.572          | 0.577 | 0.620 | 0.623 | 0.678 | 0.658 | 0.654 | 0.626 | 6.49  |
| 67)   | 4-Bromophenyl-... | 0.196          | 0.194 | 0.211 | 0.218 | 0.242 | 0.240 | 0.241 | 0.220 | 9.61  |
| 68)   | Hexachlorobenzene | 0.239          | 0.233 | 0.253 | 0.256 | 0.283 | 0.279 | 0.278 | 0.260 | 7.78  |
| 69)   | Atrazine          | 0.166          | 0.175 | 0.199 | 0.211 | 0.232 | 0.228 | 0.227 | 0.206 | 12.95 |
| 70) C | Pentachlorophenol | 0.122          | 0.145 | 0.161 | 0.181 | 0.180 | 0.183 | 0.162 |       | 15.23 |
| 71)   | Phenanthrene      | 1.119          | 1.070 | 1.119 | 1.101 | 1.206 | 1.163 | 1.143 | 1.132 | 3.91  |
| 72)   | Anthracene        | 1.028          | 1.017 | 1.109 | 1.117 | 1.233 | 1.204 | 1.179 | 1.127 | 7.44  |
| 73)   | Carbazole         | 0.939          | 0.944 | 1.009 | 1.010 | 1.108 | 1.073 | 1.052 | 1.019 | 6.23  |
| 74)   | Di-n-butylphth... | 0.954          | 0.961 | 1.091 | 1.140 | 1.252 | 1.216 | 1.196 | 1.116 | 10.76 |
| 75) C | Fluoranthene      | 1.088          | 1.079 | 1.182 | 1.233 | 1.366 | 1.339 | 1.327 | 1.230 | 9.67  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 77)   | Benzidine         | 0.370          | 0.521 | 0.553 | 0.601 | 0.552 | 0.464 | 0.510 |       | 16.08 |
| 78)   | Pyrene            | 1.198          | 1.177 | 1.260 | 1.260 | 1.388 | 1.366 | 1.316 | 1.281 | 6.26  |
| 79) S | Terphenyl-d14     | 1.095          | 1.110 | 1.225 | 1.258 | 1.298 | 1.094 | 0.878 | 1.137 | 12.43 |
| 80)   | Butylbenzylpht... | 0.317          | 0.334 | 0.401 | 0.441 | 0.492 | 0.491 | 0.479 | 0.422 | 17.39 |
| 81)   | Benzo(a)anthra... | 1.204          | 1.202 | 1.282 | 1.282 | 1.428 | 1.379 | 1.345 | 1.303 | 6.57  |
| 82)   | 3,3'-Dichlorob... | 0.351          | 0.406 | 0.429 | 0.498 | 0.487 | 0.465 | 0.439 |       | 12.66 |
| 83)   | Chrysene          | 1.162          | 1.153 | 1.200 | 1.209 | 1.327 | 1.303 | 1.249 | 1.229 | 5.45  |
| 84)   | Bis(2-ethylhex... | 0.499          | 0.546 | 0.658 | 0.705 | 0.780 | 0.763 | 0.742 | 0.670 | 16.33 |
| 85) c | Di-n-octyl pht... | 0.742          | 0.931 | 1.058 | 1.193 | 1.194 | 1.183 | 1.050 |       | 17.44 |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
Method File : 8270-BM070925.M

|       |                   |                |       |       |       |       |       |       |       |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 87)   | Indeno(1,2,3-c... | 1.208          | 1.238 | 1.374 | 1.415 | 1.603 | 1.564 | 1.551 | 1.422 | 11.17 |
| 88)   | Benzo(b)fluora... | 1.090          | 1.075 | 1.177 | 1.230 | 1.368 | 1.344 | 1.327 | 1.230 | 9.83  |
| 89)   | Benzo(k)fluora... | 1.105          | 1.138 | 1.247 | 1.263 | 1.444 | 1.387 | 1.350 | 1.276 | 9.86  |
| 90) C | Benzo(a)pyrene    | 0.962          | 0.985 | 1.099 | 1.156 | 1.314 | 1.281 | 1.264 | 1.152 | 12.41 |
| 91)   | Dibenzo(a,h)an... | 1.022          | 1.035 | 1.159 | 1.193 | 1.352 | 1.320 | 1.301 | 1.198 | 11.23 |
| 92)   | Benzo(g,h,i)pe... | 0.992          | 1.001 | 1.097 | 1.121 | 1.263 | 1.232 | 1.216 | 1.132 | 9.73  |

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>07/16/2025 19:39</u>      |
| Lab File ID:    | <u>BF143117.D</u> | Init. Calib. Date(s):  | <u>07/15/2025 07/15/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>13:04 16:35</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND              | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------|-------|--------|------------|------|-------|
| Pyridine              | 1.596 | 1.575  |            | -1.3 |       |
| 2-Fluorophenol        | 1.266 | 1.249  |            | -1.3 |       |
| Phenol-d6             | 1.591 | 1.563  |            | -1.8 |       |
| 1,4-Dichlorobenzene   | 1.446 | 1.418  |            | -1.9 | 20.0  |
| 2-Methylphenol        | 1.098 | 1.094  |            | -0.4 |       |
| 3+4-Methylphenols     | 1.346 | 1.368  |            | 1.6  |       |
| Nitrobenzene-d5       | 0.357 | 0.402  |            | 12.6 |       |
| Hexachloroethane      | 0.471 | 0.486  |            | 3.2  |       |
| Nitrobenzene          | 0.344 | 0.369  |            | 7.3  |       |
| Hexachlorobutadiene   | 0.178 | 0.178  |            | 0.0  | 20.0  |
| 2,4,6-Trichlorophenol | 0.362 | 0.386  |            | 6.6  | 20.0  |
| 2-Fluorobiphenyl      | 1.505 | 1.421  |            | -5.6 |       |
| 2,4,5-Trichlorophenol | 0.380 | 0.387  |            | 1.8  |       |
| 2,4-Dinitrotoluene    | 0.265 | 0.307  |            | 15.8 |       |
| 2,4,6-Tribromophenol  | 0.178 | 0.191  |            | 7.3  |       |
| Hexachlorobenzene     | 0.241 | 0.241  |            | 0.0  |       |
| Pentachlorophenol     | 0.132 | 0.144  |            | 9.1  | 20.0  |
| Terphenyl-d14         | 1.368 | 1.302  |            | -4.8 |       |

All other compounds must meet a minimum RRF of 0.010.



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>PARS02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2592</u>                 |
| Instrument ID:  | <u>BNA_M</u>      | Calibration Date/Time: | <u>07/17/2025 13:42</u>      |
| Lab File ID:    | <u>BM050474.D</u> | Init. Calib. Date(s):  | <u>07/08/2025 07/08/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>12:39 17:22</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND              | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------|-------|--------|------------|------|-------|
| Pyridine              | 1.254 | 1.241  |            | -1.0 |       |
| 2-Fluorophenol        | 1.162 | 1.165  |            | 0.3  |       |
| Phenol-d6             | 1.465 | 1.479  |            | 1.0  |       |
| 1,4-Dichlorobenzene   | 1.521 | 1.487  |            | -2.2 | 20.0  |
| 2-Methylphenol        | 0.991 | 0.990  |            | -0.1 |       |
| 3+4-Methylphenols     | 1.330 | 1.341  |            | 0.8  |       |
| Nitrobenzene-d5       | 0.392 | 0.393  |            | 0.3  |       |
| Hexachloroethane      | 0.535 | 0.522  |            | -2.4 |       |
| Nitrobenzene          | 0.350 | 0.343  |            | -2.0 |       |
| Hexachlorobutadiene   | 0.228 | 0.231  |            | 1.3  | 20.0  |
| 2,4,6-Trichlorophenol | 0.391 | 0.429  |            | 9.7  | 20.0  |
| 2-Fluorobiphenyl      | 1.620 | 1.584  |            | -2.2 |       |
| 2,4,5-Trichlorophenol | 0.428 | 0.466  |            | 8.9  |       |
| 2,4-Dinitrotoluene    | 0.350 | 0.407  |            | 16.3 |       |
| 2,4,6-Tribromophenol  | 0.243 | 0.284  |            | 16.9 |       |
| Hexachlorobenzene     | 0.260 | 0.264  |            | 1.5  |       |
| Pentachlorophenol     | 0.162 | 0.180  |            | 11.1 | 20.0  |
| Terphenyl-d14         | 1.137 | 1.120  |            | -1.5 |       |

All other compounds must meet a minimum RRF of 0.010.

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID    | ClientID         | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q2592-01 | WC-SOIL-20250711 | SOIL   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | PCB Group1     | 8082A  |             | 07/15/25  | 07/15/25  |          |
|          |                  |        | TPH GC         | 8015D  |             | 07/17/25  | 07/18/25  |          |
| Q2592-02 | WC-SOIL-20250711 | TCLP   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | TCLP Herbicide | 8151A  |             | 07/16/25  | 07/17/25  |          |
|          |                  |        | TCLP Pesticide | 8081B  |             | 07/16/25  | 07/18/25  |          |

**Hit Summary Sheet**  
SW-846

**SDG No.:** Q2592

**Order ID:** Q2592

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

**Project ID:** Con Edison - East River Site 2

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

**Total Concentration:** 0.000

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# SAMPLE DATA

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## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/16/25       |           |
| Client Sample ID:  | PB168847TB                            |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | PB168847TB                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3541B                               |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096470.D        | 1         | 07/16/25 11:02 | 07/18/25 16:01 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.50  | U         | 0.037    | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.50  | U         | 0.027    | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.50  | U         | 0.032    | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 10.0  | U         | 1.70     | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 5.00  | U         | 0.88     | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.8  |           | 57 - 171 | 109%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.3  |           | 61 - 148 | 111%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02                              |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3541B                               |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096450.D        | 1         | 07/16/25 11:02 | 07/18/25 11:07 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.50  | U         | 0.037    | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.50  | U         | 0.027    | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.50  | U         | 0.032    | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 10.0  | U         | 1.70     | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 5.00  | U         | 0.88     | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |           | 57 - 171 | 88%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |           | 61 - 148 | 96%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# QC SUMMARY

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### Surrogate Summary

SDG No.: **Q2592**

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

Analytical Method: **8081B**

| Lab Sample ID    | Client ID           | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|---------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                     |                   |        |       |        |             |      | Low       | High |
| I.BLK-PL096237.D | PIBLK-PL096237.D    | Decachlorobiphen  | 1      | 20    | 19.5   | 98          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 17.9   | 89          |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 20.1   | 100         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 18.9   | 94          |      | 61        | 148  |
| I.BLK-PL096441.D | PIBLK-PL096441.D    | Decachlorobiphen  | 1      | 20    | 21.0   | 105         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 21.6   | 108         |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 21.7   | 108         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 23.6   | 118         |      | 61        | 148  |
| Q2592-02         | WC-SOIL-20250711    | Decachlorobiphen  | 1      | 20    | 16.8   | 84          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 17.9   | 89          |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 17.6   | 88          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 96          |      | 61        | 148  |
| I.BLK-PL096452.D | PIBLK-PL096452.D    | Decachlorobiphen  | 1      | 20    | 20.6   | 103         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 20.7   | 103         |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 21.4   | 107         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 22.5   | 112         |      | 61        | 148  |
| Q2592-02MS       | WC-SOIL-20250711MS  | Decachlorobiphen  | 1      | 20    | 16.9   | 85          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 18.6   | 93          |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 17.6   | 88          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 97          |      | 61        | 148  |
| Q2592-02MSD      | WC-SOIL-20250711MSD | Decachlorobiphen  | 1      | 20    | 18.4   | 92          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 19.1   | 96          |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 18.1   | 91          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 19.5   | 98          |      | 61        | 148  |
| I.BLK-PL096464.D | PIBLK-PL096464.D    | Decachlorobiphen  | 1      | 20    | 21.1   | 106         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 20.9   | 105         |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 21.1   | 105         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 22.9   | 115         |      | 61        | 148  |
| PB168847TB       | PB168847TB          | Decachlorobiphen  | 1      | 20    | 20.6   | 103         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 20.5   | 102         |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 21.8   | 109         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 22.3   | 111         |      | 61        | 148  |
| PB168887BL       | PB168887BL          | Decachlorobiphen  | 1      | 20    | 19.1   | 96          |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 19.0   | 95          |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 20.5   | 102         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 20.6   | 103         |      | 61        | 148  |
| PB168887BS       | PB168887BS          | Decachlorobiphen  | 1      | 20    | 20.2   | 101         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 1      | 20    | 19.9   | 100         |      | 61        | 148  |
|                  |                     | Decachlorobiphen  | 2      | 20    | 21.6   | 108         |      | 57        | 171  |
|                  |                     | Tetrachloro-m-xyl | 2      | 20    | 21.4   | 107         |      | 61        | 148  |
| I.BLK-PL096476.D | PIBLK-PL096476.D    | Decachlorobiphen  | 1      | 20    | 21.2   | 106         |      | 57        | 171  |



### Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PL096476.D | PIBLK-PL096476.D | Tetrachloro-m-xyl | 1      | 20    | 21.4   | 107         |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 22.8   | 114         |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 22.9   | 115         |      | 61        | 148  |

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**Matrix Spike/Matrix Spike Duplicate Summary**

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PL096462.D</u> |

|                | Parameter           | Spike             | Sample |                    | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|----------------|---------------------|-------------------|--------|--------------------|-------|-----|------|-----|------|-----|--------|-----|
|                |                     |                   | Result | Result             |       |     | Qual | RPD | Qual | Low | High   | RPD |
| Lab Sample ID: | Q2592-02MS          | Client Sample ID: |        | WC-SOIL-20250711MS |       |     |      |     |      |     |        |     |
|                | (Column 1)          |                   |        |                    |       |     |      |     |      |     |        |     |
|                | gamma-BHC (Lindane) | 5                 | 0      | 5.00               | ug/L  | 100 |      |     |      | 60  | 152    |     |
|                | Heptachlor          | 5                 | 0      | 4.90               | ug/L  | 98  |      |     |      | 56  | 147    |     |
|                | Heptachlor epoxide  | 5                 | 0      | 5.30               | ug/L  | 106 |      |     |      | 77  | 143    |     |
|                | Endrin              | 5                 | 0      | 5.20               | ug/L  | 104 |      |     |      | 76  | 144    |     |
|                | Methoxychlor        | 5                 | 0      | 5.10               | ug/L  | 102 |      |     |      | 70  | 142    |     |
| Lab Sample ID: | Q2592-02MS          | Client Sample ID: |        | WC-SOIL-20250711MS |       |     |      |     |      |     |        |     |
|                | (Column 2)          |                   |        |                    |       |     |      |     |      |     |        |     |
|                | gamma-BHC (Lindane) | 5                 | 0      | 5.30               | ug/L  | 106 |      |     |      | 60  | 152    |     |
|                | Heptachlor          | 5                 | 0      | 5.00               | ug/L  | 100 |      |     |      | 56  | 147    |     |
|                | Heptachlor epoxide  | 5                 | 0      | 5.10               | ug/L  | 102 |      |     |      | 77  | 143    |     |
|                | Endrin              | 5                 | 0      | 5.00               | ug/L  | 100 |      |     |      | 76  | 144    |     |
|                | Methoxychlor        | 5                 | 0      | 4.60               | ug/L  | 92  |      |     |      | 70  | 142    |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PL096463.D</u> |

|                | Parameter           | Spike             | Sample |                     | Units | Rec |      | RPD |      | Limits |      |     |
|----------------|---------------------|-------------------|--------|---------------------|-------|-----|------|-----|------|--------|------|-----|
|                |                     |                   | Result | Result              |       | Rec | Qual | RPD | Qual | Low    | High | RPD |
| Lab Sample ID: | Q2592-02MSD         | Client Sample ID: |        | WC-SOIL-20250711MSD |       |     |      |     |      |        |      |     |
|                | (Column 1)          |                   |        |                     |       |     |      |     |      |        |      |     |
|                | gamma-BHC (Lindane) | 5                 | 0      | 5.10                | ug/L  | 102 |      | 2   |      | 60     | 152  | 20  |
|                | Heptachlor          | 5                 | 0      | 5.00                | ug/L  | 100 |      | 2   |      | 56     | 147  | 20  |
|                | Heptachlor epoxide  | 5                 | 0      | 5.30                | ug/L  | 106 |      | 0   |      | 77     | 143  | 20  |
|                | Endrin              | 5                 | 0      | 5.30                | ug/L  | 106 |      | 2   |      | 76     | 144  | 20  |
|                | Methoxychlor        | 5                 | 0      | 4.90                | ug/L  | 98  |      | 4   |      | 70     | 142  | 20  |
| Lab Sample ID: | Q2592-02MSD         | Client Sample ID: |        | WC-SOIL-20250711MSD |       |     |      |     |      |        |      |     |
|                | (Column 2)          |                   |        |                     |       |     |      |     |      |        |      |     |
|                | gamma-BHC (Lindane) | 5                 | 0      | 5.40                | ug/L  | 108 |      | 2   |      | 60     | 152  | 20  |
|                | Heptachlor          | 5                 | 0      | 5.10                | ug/L  | 102 |      | 2   |      | 56     | 147  | 20  |
|                | Heptachlor epoxide  | 5                 | 0      | 5.20                | ug/L  | 104 |      | 2   |      | 77     | 143  | 20  |
|                | Endrin              | 5                 | 0      | 5.20                | ug/L  | 104 |      | 4   |      | 76     | 144  | 20  |
|                | Methoxychlor        | 5                 | 0      | 4.70                | ug/L  | 94  |      | 2   |      | 70     | 142  | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>Datafile :</b>         | <u>PL096475.D</u> |

| Lab Sample ID            | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|--------------------------|---------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|                          |                     |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB168887BS<br>(Column 1) | gamma-BHC (Lindane) | 0.5   | 0.50   | ug/L  | 100 |     |      |      | 82  | 129    |  |     |
|                          | Heptachlor          | 0.5   | 0.50   | ug/L  | 100 |     |      |      | 79  | 127    |  |     |
|                          | Heptachlor epoxide  | 0.5   | 0.53   | ug/L  | 105 |     |      |      | 81  | 124    |  |     |
|                          | Endrin              | 0.5   | 0.51   | ug/L  | 102 |     |      |      | 81  | 128    |  |     |
|                          | Methoxychlor        | 0.5   | 0.45   | ug/L  | 91  |     |      |      | 78  | 108    |  |     |
| PB168887BS<br>(Column 2) | gamma-BHC (Lindane) | 0.5   | 0.54   | ug/L  | 108 |     |      |      | 82  | 129    |  |     |
|                          | Heptachlor          | 0.5   | 0.53   | ug/L  | 105 |     |      |      | 79  | 127    |  |     |
|                          | Heptachlor epoxide  | 0.5   | 0.53   | ug/L  | 106 |     |      |      | 81  | 124    |  |     |
|                          | Endrin              | 0.5   | 0.50   | ug/L  | 100 |     |      |      | 81  | 128    |  |     |
|                          | Methoxychlor        | 0.5   | 0.46   | ug/L  | 93  |     |      |      | 78  | 108    |  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168887BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168887BL

Lab File ID: PL096474.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/16/2025

Date Analyzed (1): 07/18/2025

Date Analyzed (2): 07/18/2025

Time Analyzed (1): 16:56

Time Analyzed (2): 16:56

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|---------------------|------------------|----------------|--------------------|--------------------|
| WC-SOIL-20250711    | Q2592-02         | PL096450.D     | 07/18/2025         | 07/18/2025         |
| WC-SOIL-20250711MS  | Q2592-02MS       | PL096462.D     | 07/18/2025         | 07/18/2025         |
| WC-SOIL-20250711MSD | Q2592-02MSD      | PL096463.D     | 07/18/2025         | 07/18/2025         |
| PB168847TB          | PB168847TB       | PL096470.D     | 07/18/2025         | 07/18/2025         |
| PB168887BS          | PB168887BS       | PL096475.D     | 07/18/2025         | 07/18/2025         |

COMMENTS: \_\_\_\_\_



# QC SAMPLE DATA

A

B

C

D

E

F

G

H

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     |                |           |
| Client Sample ID:  | PB168887BL                            |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | PB168887BL                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096474.D        | 1         | 07/16/25 11:02 | 07/18/25 16:56 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.5  |           | 57 - 171 | 102%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6  |           | 61 - 148 | 103%       | SPK: 20 |

### Comments:

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/07/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/07/25       |           |
| Client Sample ID:  | PIBLK-PL096237.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PL096237.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL096237.D        | 1         |           | 07/07/25      | PL070725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 57 - 171 | 100%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 18.9  |           | 61 - 148 | 94%        | SPK: 20 |

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PL096441.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PL096441.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL096441.D        | 1         |           | 07/18/25      | PL071825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.7  |           | 57 - 171 | 108%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 23.6  |           | 61 - 148 | 118%       | SPK: 20 |

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\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PL096452.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PL096452.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL096452.D        | 1         |           | 07/18/25      | PL071825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.4  |           | 57 - 171 | 107%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.5  |           | 61 - 148 | 112%       | SPK: 20 |

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## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PL096464.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PL096464.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL096464.D        | 1         |           | 07/18/25      | pl071825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.1  |           | 57 - 171 | 106%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 61 - 148 | 115%       | SPK: 20 |

### Comments:

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## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PL096476.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PL096476.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL096476.D        | 1         |           | 07/18/25      | pl071825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.050 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.050 | U         | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.050 | U         | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.050 | U         | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.050 | U         | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.8  |           | 57 - 171 | 114%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 61 - 148 | 115%       | SPK: 20 |

### Comments:

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## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     |                |           |
| Client Sample ID:  | PB168887BS                            |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | PB168887BS                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096475.D        | 1         | 07/16/25 11:02 | 07/18/25 17:09 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.54  |           | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.53  |           | 0.0027   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.53  |           | 0.0096   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.51  |           | 0.0032   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.46  |           | 0.011    | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 1.00  | U         | 0.17     | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.50  | U         | 0.088    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.6  |           | 57 - 171 | 108%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.4  |           | 61 - 148 | 107%       | SPK: 20 |

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711MS                    |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02MS                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096462.D        | 1         | 07/16/25 11:02 | 07/18/25 13:54 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 5.30  |           | 0.037    | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 5.00  |           | 0.027    | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 5.30  |           | 0.096    | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 5.20  |           | 0.032    | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 5.10  |           | 0.11     | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 10.0  | U         | 1.70     | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 5.00  | U         | 0.88     | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |           | 57 - 171 | 88%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |           | 61 - 148 | 97%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711MSD                   |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02MSD                           |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8081B                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Pesticide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 3510C                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL096463.D        | 1         | 07/16/25 11:02 | 07/18/25 14:07 | PB168887      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 5.40  |           | 0.037    | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 5.10  |           | 0.027    | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 5.30  |           | 0.096    | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 5.30  |           | 0.032    | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 4.90  |           | 0.11     | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 10.0  | U         | 1.70     | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 5.00  | U         | 0.88     | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 18.4  |           | 57 - 171 | 92%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.5  |           | 61 - 148 | 98%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# CALIBRATION SUMMARY

A

B

C

D

E

F

G

H



# RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>PARS02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q2592</u>                        |
| <b>Instrument ID:</b> | <u>ECD_L</u>    | <b>Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>10:53</u> <u>11:49</u>           |

GC Column: ZB-MR1 ID: 0.32 (mm)

|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 100 =</b> <u>PL096240.D</u> | <b>RT 075 =</b> <u>PL096241.D</u> |
| <b>RT 050 =</b> <u>PL096242.D</u> | <b>RT 025 =</b> <u>PL096243.D</u> | <b>RT 005 =</b> <u>PL096244.D</u> |

| COMPOUND             | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN<br>RT | RT WINDOW |      |
|----------------------|--------|--------|--------|--------|--------|------------|-----------|------|
|                      |        |        |        |        |        |            | FROM      | TO   |
| Decachlorobiphenyl   | 9.02   | 9.02   | 9.02   | 9.02   | 9.02   | 9.02       | 8.92      | 9.12 |
| Endrin               | 6.55   | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65 |
| gamma-BHC (Lindane)  | 4.31   | 4.31   | 4.31   | 4.31   | 4.31   | 4.31       | 4.21      | 4.41 |
| Heptachlor           | 4.91   | 4.91   | 4.91   | 4.91   | 4.91   | 4.91       | 4.81      | 5.01 |
| Heptachlor epoxide   | 5.67   | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77 |
| Methoxychlor         | 7.46   | 7.47   | 7.46   | 7.46   | 7.47   | 7.46       | 7.36      | 7.56 |
| Tetrachloro-m-xylene | 3.54   | 3.54   | 3.54   | 3.54   | 3.54   | 3.54       | 3.44      | 3.64 |

# RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>PARS02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q2592</u>                        |
| <b>Instrument ID:</b> | <u>ECD_L</u>    | <b>Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>10:53</u> <u>11:49</u>           |

GC Column: ZB-MR2      ID: 0.32 (mm)

|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 100 =</b> <u>PL096240.D</u> | <b>RT 075 =</b> <u>PL096241.D</u> |
| <b>RT 050 =</b> <u>PL096242.D</u> | <b>RT 025 =</b> <u>PL096243.D</u> | <b>RT 005 =</b> <u>PL096244.D</u> |

| COMPOUND             | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN<br>RT | RT WINDOW |      |
|----------------------|--------|--------|--------|--------|--------|------------|-----------|------|
|                      |        |        |        |        |        |            | FROM      | TO   |
| Decachlorobiphenyl   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00       | 7.90      | 8.10 |
| Endrin               | 5.71   | 5.71   | 5.71   | 5.71   | 5.71   | 5.71       | 5.61      | 5.81 |
| gamma-BHC (Lindane)  | 3.67   | 3.67   | 3.67   | 3.67   | 3.67   | 3.67       | 3.57      | 3.77 |
| Heptachlor           | 4.02   | 4.02   | 4.02   | 4.02   | 4.02   | 4.02       | 3.92      | 4.12 |
| Heptachlor epoxide   | 4.80   | 4.80   | 4.80   | 4.80   | 4.80   | 4.80       | 4.70      | 4.90 |
| Methoxychlor         | 6.69   | 6.69   | 6.68   | 6.68   | 6.69   | 6.68       | 6.58      | 6.78 |
| Tetrachloro-m-xylene | 2.83   | 2.83   | 2.83   | 2.83   | 2.83   | 2.83       | 2.73      | 2.93 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_L

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/07/2025 07/07/2025  
Calibration Times: 10:53 11:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| LAB FILE ID:         |                   | CF 100 =   | <u>PL096240.D</u> | CF 075 =   | <u>PL096241.D</u> |            |          |
|----------------------|-------------------|------------|-------------------|------------|-------------------|------------|----------|
| CF 050 =             | <u>PL096242.D</u> | CF 025 =   | <u>PL096243.D</u> | CF 005 =   | <u>PL096244.D</u> |            |          |
| COMPOUND             | CF 100            | CF 075     | CF 050            | CF 025     | CF 005            | CF         | %<br>RSD |
| Decachlorobiphenyl   | 2734760000        | 2660070000 | 2729730000        | 2840050000 | 3100690000        | 2813060000 | 6        |
| Endrin               | 3278570000        | 3096260000 | 3152290000        | 3035270000 | 2988660000        | 3110210000 | 4        |
| gamma-BHC (Lindane)  | 5277490000        | 4937170000 | 5003630000        | 4872450000 | 4807500000        | 4979650000 | 4        |
| Heptachlor           | 4644220000        | 4480710000 | 4500180000        | 4479130000 | 4801850000        | 4581220000 | 3        |
| Heptachlor epoxide   | 4361240000        | 4217620000 | 4223310000        | 4173120000 | 3770510000        | 4149160000 | 5        |
| Methoxychlor         | 1520130000        | 1498290000 | 1535260000        | 1580890000 | 1742410000        | 1575400000 | 6        |
| Tetrachloro-m-xylene | 3687130000        | 3500570000 | 3606810000        | 3645250000 | 3805110000        | 3648970000 | 3        |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_L

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/07/2025 07/07/2025  
Calibration Times: 10:53 11:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| LAB FILE ID:         |            | CF 100 =          | <u>PL096240.D</u> | CF 075 =          | <u>PL096241.D</u> |                   |       |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 050 =             |            | <u>PL096242.D</u> | CF 025 =          | <u>PL096243.D</u> | CF 005 =          | <u>PL096244.D</u> |       |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | % RSD |
| Decachlorobiphenyl   | 4787910000 | 4666610000        | 4872180000        | 5085100000        | 5520680000        | 4986500000        | 7     |
| Endrin               | 6179120000 | 5963060000        | 6145890000        | 6105230000        | 6089210000        | 6096500000        | 1     |
| gamma-BHC (Lindane)  | 8140460000 | 7776520000        | 7961280000        | 7854920000        | 7646170000        | 7875870000        | 2     |
| Heptachlor           | 7661840000 | 7400290000        | 7666040000        | 7667210000        | 7643400000        | 7607760000        | 2     |
| Heptachlor epoxide   | 6588350000 | 6451450000        | 6691850000        | 6724070000        | 6968780000        | 6684900000        | 3     |
| Methoxychlor         | 2949250000 | 2893130000        | 3027760000        | 3113420000        | 3205310000        | 3037770000        | 4     |
| Tetrachloro-m-xylene | 5771200000 | 5549810000        | 5746090000        | 5799260000        | 5989730000        | 5771220000        | 3     |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Instrument ID: ECD\_L Date(s) Analyzed: 07/07/2025 07/07/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 4.69 | 4.59      | 4.79 | 177410000             |
|           |                | 2    | 5.22 | 5.12      | 5.32 | 190569000             |
|           |                | 3    | 5.92 | 5.82      | 6.02 | 738441000             |
|           |                | 4    | 6.00 | 5.90      | 6.10 | 895986000             |
|           |                | 5    | 6.84 | 6.74      | 6.94 | 143848000             |
| Toxaphene | 500            | 1    | 6.22 | 6.12      | 6.32 | 30025500              |
|           |                | 2    | 6.61 | 6.51      | 6.71 | 26119300              |
|           |                | 3    | 7.03 | 6.93      | 7.13 | 120095000             |
|           |                | 4    | 7.12 | 7.02      | 7.22 | 85971000              |
|           |                | 5    | 7.90 | 7.80      | 8.00 | 61804300              |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Instrument ID: ECD\_L Date(s) Analyzed: 07/07/2025 07/07/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 3.84 | 3.74      | 3.94 | 235477000             |
|           |                | 2    | 4.42 | 4.32      | 4.52 | 272171000             |
|           |                | 3    | 5.06 | 4.96      | 5.16 | 797275000             |
|           |                | 4    | 5.12 | 5.02      | 5.22 | 725774000             |
|           |                | 5    | 6.01 | 5.91      | 6.11 | 282958000             |
| Toxaphene | 500            | 1    | 5.08 | 4.98      | 5.18 | 36707400              |
|           |                | 2    | 5.76 | 5.66      | 5.86 | 51848200              |
|           |                | 3    | 6.04 | 5.94      | 6.14 | 51417500              |
|           |                | 4    | 6.68 | 6.58      | 6.78 | 166414000             |
|           |                | 5    | 7.12 | 7.02      | 7.22 | 101419000             |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>09:07</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR1      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.02       | 9.02      | 8.92      | 9.12 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.31       | 4.31      | 4.21      | 4.41 | 0.00       |
| Heptachlor           | 4.91       | 4.91      | 4.81      | 5.01 | 0.00       |
| Heptachlor epoxide   | 5.66       | 5.67      | 5.57      | 5.77 | 0.01       |
| Endrin               | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Methoxychlor         | 7.46       | 7.46      | 7.36      | 7.56 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**Continuing Calib Date:** 07/18/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025  
**Continuing Calib Time:** 09:07 **Initial Calibration Time(s):** 10:53 11:49

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.99       | 8.00      | 7.90      | 8.10 | 0.01       |
| Tetrachloro-m-xylene | 2.83       | 2.83      | 2.73      | 2.93 | 0.00       |
| gamma-BHC (Lindane)  | 3.67       | 3.67      | 3.57      | 3.77 | 0.00       |
| Heptachlor           | 4.02       | 4.02      | 3.92      | 4.12 | 0.01       |
| Heptachlor epoxide   | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Endrin               | 5.71       | 5.71      | 5.61      | 5.81 | 0.00       |
| Methoxychlor         | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096443.D **Time Analyzed:** 09:07

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Decachlorobiphenyl   | 9.017 | 8.920                | 9.120 | 47.180             | 50.000            | -5.6 |
| Endrin               | 6.545 | 6.445                | 6.645 | 55.790             | 50.000            | 11.6 |
| gamma-BHC (Lindane)  | 4.313 | 4.213                | 4.413 | 54.690             | 50.000            | 9.4  |
| Heptachlor           | 4.905 | 4.806                | 5.006 | 53.350             | 50.000            | 6.7  |
| Heptachlor epoxide   | 5.664 | 5.565                | 5.765 | 55.500             | 50.000            | 11.0 |
| Methoxychlor         | 7.464 | 7.364                | 7.564 | 51.360             | 50.000            | 2.7  |
| Tetrachloro-m-xylene | 3.536 | 3.438                | 3.638 | 53.670             | 50.000            | 7.3  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096443.D **Time Analyzed:** 09:07

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Decachlorobiphenyl   | 7.993 | 7.896                | 8.096 | 48.860             | 50.000            | -2.3 |
| Endrin               | 5.710 | 5.612                | 5.812 | 54.570             | 50.000            | 9.1  |
| gamma-BHC (Lindane)  | 3.666 | 3.567                | 3.767 | 57.380             | 50.000            | 14.8 |
| Heptachlor           | 4.015 | 3.917                | 4.117 | 56.880             | 50.000            | 13.8 |
| Heptachlor epoxide   | 4.800 | 4.702                | 4.902 | 55.240             | 50.000            | 10.5 |
| Methoxychlor         | 6.682 | 6.584                | 6.784 | 51.220             | 50.000            | 2.4  |
| Tetrachloro-m-xylene | 2.828 | 2.729                | 2.929 | 56.320             | 50.000            | 12.6 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>11:48</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR1      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.02       | 9.02      | 8.92      | 9.12 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.31       | 4.31      | 4.21      | 4.41 | 0.00       |
| Heptachlor           | 4.90       | 4.91      | 4.81      | 5.01 | 0.01       |
| Heptachlor epoxide   | 5.66       | 5.67      | 5.57      | 5.77 | 0.01       |
| Endrin               | 6.54       | 6.55      | 6.45      | 6.65 | 0.01       |
| Methoxychlor         | 7.46       | 7.46      | 7.36      | 7.56 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>11:48</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR2      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.99       | 8.00      | 7.90      | 8.10 | 0.01       |
| Tetrachloro-m-xylene | 2.83       | 2.83      | 2.73      | 2.93 | 0.00       |
| gamma-BHC (Lindane)  | 3.67       | 3.67      | 3.57      | 3.77 | 0.01       |
| Heptachlor           | 4.02       | 4.02      | 3.92      | 4.12 | 0.01       |
| Heptachlor epoxide   | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Endrin               | 5.71       | 5.71      | 5.61      | 5.81 | 0.00       |
| Methoxychlor         | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096453.D **Time Analyzed:** 11:48

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.018 | 8.920     | 9.120 | 46.650             | 50.000            | -6.7 |
| Endrin               | 6.544 | 6.445     | 6.645 | 54.890             | 50.000            | 9.8  |
| gamma-BHC (Lindane)  | 4.312 | 4.213     | 4.413 | 53.830             | 50.000            | 7.7  |
| Heptachlor           | 4.904 | 4.806     | 5.006 | 53.120             | 50.000            | 6.2  |
| Heptachlor epoxide   | 5.663 | 5.565     | 5.765 | 54.380             | 50.000            | 8.8  |
| Methoxychlor         | 7.463 | 7.364     | 7.564 | 49.480             | 50.000            | -1.0 |
| Tetrachloro-m-xylene | 3.536 | 3.438     | 3.638 | 52.660             | 50.000            | 5.3  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096453.D **Time Analyzed:** 11:48

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.992 | 7.896     | 8.096 | 48.810             | 50.000            | -2.4 |
| Endrin               | 5.709 | 5.612     | 5.812 | 55.610             | 50.000            | 11.2 |
| gamma-BHC (Lindane)  | 3.665 | 3.567     | 3.767 | 56.110             | 50.000            | 12.2 |
| Heptachlor           | 4.015 | 3.917     | 4.117 | 55.540             | 50.000            | 11.1 |
| Heptachlor epoxide   | 4.799 | 4.702     | 4.902 | 54.370             | 50.000            | 8.7  |
| Methoxychlor         | 6.681 | 6.584     | 6.784 | 50.050             | 50.000            | 0.1  |
| Tetrachloro-m-xylene | 2.828 | 2.729     | 2.929 | 55.020             | 50.000            | 10.0 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>14:53</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR1      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.02       | 9.02      | 8.92      | 9.12 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.31       | 4.31      | 4.21      | 4.41 | 0.00       |
| Heptachlor           | 4.90       | 4.91      | 4.81      | 5.01 | 0.01       |
| Heptachlor epoxide   | 5.66       | 5.67      | 5.57      | 5.77 | 0.01       |
| Endrin               | 6.54       | 6.55      | 6.45      | 6.65 | 0.01       |
| Methoxychlor         | 7.46       | 7.46      | 7.36      | 7.56 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>14:53</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR2      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.99       | 8.00      | 7.90      | 8.10 | 0.01       |
| Tetrachloro-m-xylene | 2.83       | 2.83      | 2.73      | 2.93 | 0.00       |
| gamma-BHC (Lindane)  | 3.67       | 3.67      | 3.57      | 3.77 | 0.01       |
| Heptachlor           | 4.01       | 4.02      | 3.92      | 4.12 | 0.01       |
| Heptachlor epoxide   | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Endrin               | 5.71       | 5.71      | 5.61      | 5.81 | 0.00       |
| Methoxychlor         | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096465.D **Time Analyzed:** 14:53

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.018 | 8.920     | 9.120 | 46.510             | 50.000            | -7.0 |
| Endrin               | 6.544 | 6.445     | 6.645 | 54.470             | 50.000            | 8.9  |
| gamma-BHC (Lindane)  | 4.311 | 4.213     | 4.413 | 53.800             | 50.000            | 7.6  |
| Heptachlor           | 4.904 | 4.806     | 5.006 | 53.460             | 50.000            | 6.9  |
| Heptachlor epoxide   | 5.663 | 5.565     | 5.765 | 55.420             | 50.000            | 10.8 |
| Methoxychlor         | 7.463 | 7.364     | 7.564 | 49.330             | 50.000            | -1.3 |
| Tetrachloro-m-xylene | 3.536 | 3.438     | 3.638 | 52.910             | 50.000            | 5.8  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096465.D **Time Analyzed:** 14:53

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Decachlorobiphenyl   | 7.993 | 7.896                | 8.096 | 47.190             | 50.000            | -5.6 |
| Endrin               | 5.709 | 5.612                | 5.812 | 55.030             | 50.000            | 10.1 |
| gamma-BHC (Lindane)  | 3.665 | 3.567                | 3.767 | 55.780             | 50.000            | 11.6 |
| Heptachlor           | 4.014 | 3.917                | 4.117 | 55.060             | 50.000            | 10.1 |
| Heptachlor epoxide   | 4.799 | 4.702                | 4.902 | 53.660             | 50.000            | 7.3  |
| Methoxychlor         | 6.681 | 6.584                | 6.784 | 48.710             | 50.000            | -2.6 |
| Tetrachloro-m-xylene | 2.827 | 2.729                | 2.929 | 54.910             | 50.000            | 9.8  |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/07/2025</u> <u>07/07/2025</u> |
| <b>Continuing Calib Time:</b> | <u>17:37</u>      | <b>Initial Calibration Time(s):</b> | <u>10:53</u> <u>11:49</u>           |

**GC Column:** ZB-MR1      **ID:** 0.32      (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.02       | 9.02      | 8.92      | 9.12 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.31       | 4.31      | 4.21      | 4.41 | 0.00       |
| Heptachlor           | 4.91       | 4.91      | 4.81      | 5.01 | 0.00       |
| Heptachlor epoxide   | 5.66       | 5.67      | 5.57      | 5.77 | 0.01       |
| Endrin               | 6.54       | 6.55      | 6.45      | 6.65 | 0.01       |
| Methoxychlor         | 7.46       | 7.46      | 7.36      | 7.56 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**Continuing Calib Date:** 07/18/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025  
**Continuing Calib Time:** 17:37 **Initial Calibration Time(s):** 10:53 11:49

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.99       | 8.00      | 7.90      | 8.10 | 0.01       |
| Tetrachloro-m-xylene | 2.83       | 2.83      | 2.73      | 2.93 | 0.00       |
| gamma-BHC (Lindane)  | 3.67       | 3.67      | 3.57      | 3.77 | 0.00       |
| Heptachlor           | 4.02       | 4.02      | 3.92      | 4.12 | 0.01       |
| Heptachlor epoxide   | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Endrin               | 5.71       | 5.71      | 5.61      | 5.81 | 0.00       |
| Methoxychlor         | 6.68       | 6.68      | 6.58      | 6.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096477.D **Time Analyzed:** 17:37

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Decachlorobiphenyl   | 9.018 | 8.920                | 9.120 | 47.270             | 50.000            | -5.5 |
| Endrin               | 6.544 | 6.445                | 6.645 | 53.550             | 50.000            | 7.1  |
| gamma-BHC (Lindane)  | 4.312 | 4.213                | 4.413 | 53.590             | 50.000            | 7.2  |
| Heptachlor           | 4.905 | 4.806                | 5.006 | 52.990             | 50.000            | 6.0  |
| Heptachlor epoxide   | 5.662 | 5.565                | 5.765 | 54.650             | 50.000            | 9.3  |
| Methoxychlor         | 7.463 | 7.364                | 7.564 | 48.960             | 50.000            | -2.1 |
| Tetrachloro-m-xylene | 3.536 | 3.438                | 3.638 | 52.750             | 50.000            | 5.5  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PL096477.D **Time Analyzed:** 17:37

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Decachlorobiphenyl   | 7.993 | 7.896                | 8.096 | 49.570             | 50.000            | -0.9 |
| Endrin               | 5.710 | 5.612                | 5.812 | 54.060             | 50.000            | 8.1  |
| gamma-BHC (Lindane)  | 3.666 | 3.567                | 3.767 | 55.800             | 50.000            | 11.6 |
| Heptachlor           | 4.015 | 3.917                | 4.117 | 55.050             | 50.000            | 10.1 |
| Heptachlor epoxide   | 4.800 | 4.702                | 4.902 | 54.060             | 50.000            | 8.1  |
| Methoxychlor         | 6.682 | 6.584                | 6.784 | 49.540             | 50.000            | -0.9 |
| Tetrachloro-m-xylene | 2.828 | 2.729                | 2.929 | 54.780             | 50.000            | 9.6  |

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:26

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.020 | 8.920     | 9.120 | 21.820             | 20.000            | 9.1  |
| Tetrachloro-m-xylene | 3.537 | 3.490     | 3.590 | 20.640             | 20.000            | 3.2  |
| alpha-BHC            | 3.985 | 3.930     | 4.040 | 10.150             | 10.000            | 1.5  |
| beta-BHC             | 4.500 | 4.450     | 4.550 | 10.650             | 10.000            | 6.5  |
| gamma-BHC (Lindane)  | 4.313 | 4.260     | 4.360 | 10.640             | 10.000            | 6.4  |
| Endrin               | 6.546 | 6.480     | 6.620 | 55.200             | 50.000            | 10.4 |
| 4,4'-DDT             | 6.992 | 6.920     | 7.060 | 106.050            | 100.000           | 6.1  |
| Methoxychlor         | 7.465 | 7.390     | 7.540 | 251.880            | 250.000           | 0.8  |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:26

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.996 | 7.900     | 8.100 | 21.970             | 20.000            | 9.9  |
| Tetrachloro-m-xylene | 2.829 | 2.780     | 2.880 | 21.010             | 20.000            | 5.1  |
| alpha-BHC            | 3.335 | 3.280     | 3.390 | 10.410             | 10.000            | 4.1  |
| beta-BHC             | 3.963 | 3.910     | 4.010 | 10.960             | 10.000            | 9.6  |
| gamma-BHC (Lindane)  | 3.667 | 3.620     | 3.720 | 10.560             | 10.000            | 5.6  |
| Endrin               | 5.713 | 5.640     | 5.780 | 55.380             | 50.000            | 10.8 |
| 4,4'-DDT             | 6.113 | 6.040     | 6.180 | 113.720            | 100.000           | 13.7 |
| Methoxychlor         | 6.685 | 6.610     | 6.760 | 248.840            | 250.000           | -0.5 |

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096442.D Date Analyzed: 07/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 08:53

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.019 | 8.920     | 9.120 | 19.890             | 20.000            | -0.6 |
| Tetrachloro-m-xylene | 3.536 | 3.490     | 3.590 | 21.560             | 20.000            | 7.8  |
| alpha-BHC            | 3.984 | 3.930     | 4.030 | 10.410             | 10.000            | 4.1  |
| beta-BHC             | 4.498 | 4.450     | 4.550 | 11.450             | 10.000            | 14.5 |
| gamma-BHC (Lindane)  | 4.312 | 4.260     | 4.360 | 10.940             | 10.000            | 9.4  |
| Endrin               | 6.544 | 6.470     | 6.610 | 57.490             | 50.000            | 15.0 |
| 4,4'-DDT             | 6.991 | 6.920     | 7.060 | 102.490            | 100.000           | 2.5  |
| Methoxychlor         | 7.464 | 7.390     | 7.530 | 243.050            | 250.000           | -2.8 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096442.D Date Analyzed: 07/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 08:53

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.993 | 7.890     | 8.090 | 20.900             | 20.000            | 4.5  |
| Tetrachloro-m-xylene | 2.828 | 2.780     | 2.880 | 22.510             | 20.000            | 12.6 |
| alpha-BHC            | 3.333 | 3.280     | 3.380 | 11.220             | 10.000            | 12.2 |
| beta-BHC             | 3.961 | 3.910     | 4.010 | 11.860             | 10.000            | 18.6 |
| gamma-BHC (Lindane)  | 3.665 | 3.610     | 3.720 | 11.350             | 10.000            | 13.5 |
| Endrin               | 5.709 | 5.640     | 5.780 | 55.990             | 50.000            | 12.0 |
| 4,4'-DDT             | 6.109 | 6.040     | 6.180 | 107.540            | 100.000           | 7.5  |
| Methoxychlor         | 6.682 | 6.610     | 6.750 | 235.160            | 250.000           | -5.9 |



## Analytical Sequence

|                   |                                              |                              |                              |
|-------------------|----------------------------------------------|------------------------------|------------------------------|
| <b>Client:</b>    | <b>PARSONS Engineering of New York, Inc.</b> | <b>SDG No.:</b>              | <b>Q2592</b>                 |
| <b>Project:</b>   | <b>Con Edison - East River Site 2</b>        | <b>Instrument ID:</b>        | <b>ECD_L</b>                 |
| <b>GC Column:</b> | <b>ZB-MR1</b>                                | <b>ID:</b>                   | <b>0.32 (mm)</b>             |
|                   |                                              | <b>Inst. Calib. Date(s):</b> | <b>07/07/2025 07/07/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID           | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                | IBLK             | 07/07/2025       | 10:12            | PL096237.D | 9.02        | 3.54        |
| PEM                 | PEM              | 07/07/2025       | 10:26            | PL096238.D | 9.02        | 3.54        |
| RESCHK              | RESCHK           | 07/07/2025       | 10:40            | PL096239.D | 9.02        | 3.54        |
| PSTDICC100          | PSTDICC100       | 07/07/2025       | 10:53            | PL096240.D | 9.02        | 3.54        |
| PSTDICC075          | PSTDICC075       | 07/07/2025       | 11:09            | PL096241.D | 9.02        | 3.54        |
| PSTDICC050          | PSTDICC050       | 07/07/2025       | 11:22            | PL096242.D | 9.02        | 3.54        |
| PSTDICC025          | PSTDICC025       | 07/07/2025       | 11:36            | PL096243.D | 9.02        | 3.54        |
| PSTDICC005          | PSTDICC005       | 07/07/2025       | 11:49            | PL096244.D | 9.02        | 3.54        |
| PCHLORICC500        | PCHLORICC500     | 07/07/2025       | 12:30            | PL096247.D | 9.02        | 3.54        |
| PTOXICC500          | PTOXICC500       | 07/07/2025       | 13:39            | PL096252.D | 9.02        | 3.54        |
| IBLK                | IBLK             | 07/18/2025       | 08:40            | PL096441.D | 9.02        | 3.54        |
| PEM                 | PEM              | 07/18/2025       | 08:53            | PL096442.D | 9.02        | 3.54        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 09:07            | PL096443.D | 9.02        | 3.54        |
| WC-SOIL-20250711    | Q2592-02         | 07/18/2025       | 11:07            | PL096450.D | 9.02        | 3.54        |
| IBLK                | IBLK             | 07/18/2025       | 11:34            | PL096452.D | 9.02        | 3.54        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 11:48            | PL096453.D | 9.02        | 3.54        |
| WC-SOIL-20250711MS  | Q2592-02MS       | 07/18/2025       | 13:54            | PL096462.D | 9.02        | 3.54        |
| WC-SOIL-20250711MSD | Q2592-02MSD      | 07/18/2025       | 14:07            | PL096463.D | 9.02        | 3.54        |
| IBLK                | IBLK             | 07/18/2025       | 14:40            | PL096464.D | 9.02        | 3.54        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 14:53            | PL096465.D | 9.02        | 3.54        |
| PB168847TB          | PB168847TB       | 07/18/2025       | 16:01            | PL096470.D | 9.02        | 3.54        |
| PB168887BL          | PB168887BL       | 07/18/2025       | 16:56            | PL096474.D | 9.02        | 3.54        |
| PB168887BS          | PB168887BS       | 07/18/2025       | 17:09            | PL096475.D | 9.02        | 3.54        |
| IBLK                | IBLK             | 07/18/2025       | 17:23            | PL096476.D | 9.02        | 3.54        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 17:37            | PL096477.D | 9.02        | 3.54        |

## Analytical Sequence

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Client: <b>PARSONS Engineering of New York, Inc.</b> | SDG No.: <b>Q2592</b>                                                        |
| Project: <b>Con Edison - East River Site 2</b>       | Instrument ID: <b>ECD_L</b>                                                  |
| GC Column: <b>ZB-MR2</b>                             | ID: <b>0.32 (mm)</b> Inst. Calib. Date(s): <b>07/07/2025      07/07/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID           | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                | IBLK             | 07/07/2025       | 10:12            | PL096237.D | 8.00        | 2.83        |
| PEM                 | PEM              | 07/07/2025       | 10:26            | PL096238.D | 8.00        | 2.83        |
| RESCHK              | RESCHK           | 07/07/2025       | 10:40            | PL096239.D | 8.00        | 2.83        |
| PSTDICC100          | PSTDICC100       | 07/07/2025       | 10:53            | PL096240.D | 8.00        | 2.83        |
| PSTDICC075          | PSTDICC075       | 07/07/2025       | 11:09            | PL096241.D | 8.00        | 2.83        |
| PSTDICC050          | PSTDICC050       | 07/07/2025       | 11:22            | PL096242.D | 8.00        | 2.83        |
| PSTDICC025          | PSTDICC025       | 07/07/2025       | 11:36            | PL096243.D | 8.00        | 2.83        |
| PSTDICC005          | PSTDICC005       | 07/07/2025       | 11:49            | PL096244.D | 8.00        | 2.83        |
| PCHLORICC500        | PCHLORICC500     | 07/07/2025       | 12:30            | PL096247.D | 8.00        | 2.83        |
| PTOXICC500          | PTOXICC500       | 07/07/2025       | 13:39            | PL096252.D | 8.00        | 2.83        |
| IBLK                | IBLK             | 07/18/2025       | 08:40            | PL096441.D | 7.99        | 2.83        |
| PEM                 | PEM              | 07/18/2025       | 08:53            | PL096442.D | 7.99        | 2.83        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 09:07            | PL096443.D | 7.99        | 2.83        |
| WC-SOIL-20250711    | Q2592-02         | 07/18/2025       | 11:07            | PL096450.D | 7.99        | 2.83        |
| IBLK                | IBLK             | 07/18/2025       | 11:34            | PL096452.D | 7.99        | 2.83        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 11:48            | PL096453.D | 7.99        | 2.83        |
| WC-SOIL-20250711MS  | Q2592-02MS       | 07/18/2025       | 13:54            | PL096462.D | 7.99        | 2.83        |
| WC-SOIL-20250711MSD | Q2592-02MSD      | 07/18/2025       | 14:07            | PL096463.D | 7.99        | 2.83        |
| IBLK                | IBLK             | 07/18/2025       | 14:40            | PL096464.D | 7.99        | 2.83        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 14:53            | PL096465.D | 7.99        | 2.83        |
| PB168847TB          | PB168847TB       | 07/18/2025       | 16:01            | PL096470.D | 7.99        | 2.83        |
| PB168887BL          | PB168887BL       | 07/18/2025       | 16:56            | PL096474.D | 7.99        | 2.83        |
| PB168887BS          | PB168887BS       | 07/18/2025       | 17:09            | PL096475.D | 7.99        | 2.83        |
| IBLK                | IBLK             | 07/18/2025       | 17:23            | PL096476.D | 7.99        | 2.83        |
| PSTDCCC050          | PSTDCCC050       | 07/18/2025       | 17:37            | PL096477.D | 7.99        | 2.83        |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168887BS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168887BS

Date(s) Analyzed: 07/18/2025 07/18/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin              | 1   | 6.54 | 6.49      | 6.59 | 0.51          | 1.8  |
|                     | 2   | 5.71 | 5.66      | 5.76 | 0.50          |      |
| Methoxychlor        | 1   | 7.46 | 7.41      | 7.51 | 0.45          | 2.1  |
|                     | 2   | 6.68 | 6.63      | 6.73 | 0.46          |      |
| gamma-BHC (Lindane) | 1   | 4.31 | 4.26      | 4.36 | 0.50          | 7.3  |
|                     | 2   | 3.67 | 3.62      | 3.72 | 0.54          |      |
| Heptachlor          | 1   | 4.91 | 4.86      | 4.96 | 0.50          | 5.3  |
|                     | 2   | 4.02 | 3.97      | 4.07 | 0.53          |      |
| Heptachlor epoxide  | 1   | 5.66 | 5.61      | 5.71 | 0.53          | 0.5  |
|                     | 2   | 4.80 | 4.75      | 4.85 | 0.53          |      |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MS

Date(s) Analyzed: 07/18/2025 07/18/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.46 | 7.41      | 7.51 | 5.10          | 10.3 |
|                     | 2   | 6.68 | 6.63      | 6.73 | 4.60          |      |
| gamma-BHC (Lindane) | 1   | 4.31 | 4.26      | 4.36 | 5.00          | 5.8  |
|                     | 2   | 3.67 | 3.62      | 3.72 | 5.30          |      |
| Heptachlor          | 1   | 4.90 | 4.85      | 4.95 | 4.90          | 2    |
|                     | 2   | 4.02 | 3.97      | 4.07 | 5.00          |      |
| Heptachlor epoxide  | 1   | 5.66 | 5.61      | 5.71 | 5.30          | 3.8  |
|                     | 2   | 4.80 | 4.75      | 4.85 | 5.10          |      |
| Endrin              | 1   | 6.55 | 6.50      | 6.60 | 5.20          | 3.9  |
|                     | 2   | 5.71 | 5.66      | 5.76 | 5.00          |      |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MSD

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MSD

Date(s) Analyzed: 07/18/2025 07/18/2025

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin              | 1   | 6.54 | 6.49      | 6.59 | 5.30          | 1.9  |
|                     | 2   | 5.71 | 5.66      | 5.76 | 5.20          |      |
| Methoxychlor        | 1   | 7.46 | 7.41      | 7.51 | 4.90          | 4.2  |
|                     | 2   | 6.68 | 6.63      | 6.73 | 4.70          |      |
| gamma-BHC (Lindane) | 1   | 4.31 | 4.26      | 4.36 | 5.10          | 5.7  |
|                     | 2   | 3.67 | 3.62      | 3.72 | 5.40          |      |
| Heptachlor          | 1   | 4.90 | 4.85      | 4.95 | 5.00          | 2    |
|                     | 2   | 4.02 | 3.97      | 4.07 | 5.10          |      |
| Heptachlor epoxide  | 1   | 5.66 | 5.61      | 5.71 | 5.30          | 1.9  |
|                     | 2   | 4.80 | 4.75      | 4.85 | 5.20          |      |

### LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID    | ClientID         | Matrix | Test       | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|------------|--------|-------------|-----------|-----------|----------|
| Q2592-01 | WC-SOIL-20250711 | SOIL   | PCB Group1 | 8082A  | 07/11/25    | 07/15/25  | 07/15/25  | 07/11/25 |

**Hit Summary Sheet**  
**SW-846**

|                      |                                       |        |           |               |             |                                |     |       |  |
|----------------------|---------------------------------------|--------|-----------|---------------|-------------|--------------------------------|-----|-------|--|
| SDG No.:             | Q2592                                 |        |           |               | Order ID:   | Q2592                          |     |       |  |
| Client:              | PARSONS Engineering of New York, Inc. |        |           |               | Project ID: | Con Edison - East River Site 2 |     |       |  |
| Sample ID            | Client ID                             | Matrix | Parameter | Concentration | C           | MDL                            | RDL | Units |  |
| Client ID :          |                                       |        |           |               |             |                                |     |       |  |
| Total Concentration: |                                       |        |           | 0.000         |             |                                |     |       |  |



# SAMPLE DATA



## Report of Analysis

|                    |                                       |          |                    |            |           |
|--------------------|---------------------------------------|----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/11/25   |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/11/25   |           |
| Client Sample ID:  | WC-SOIL-20250711                      |          | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | Q2592-01                              |          | Matrix:            | SOIL       |           |
| Analytical Method: | 8082A                                 |          | % Solid:           | 76.7       | Decanted: |
| Sample Wt/Vol:     | 30.08                                 | Units: g | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |          | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |            |           |
| Prep Method :      | SW3541B                               |          |                    |            |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073814.D        | 10        | 07/15/25 08:40 | 07/15/25 18:52 | PB168852      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 221   | U         | 51.4     | 221        | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 221   | U         | 52.4     | 221        | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 221   | U         | 48.4     | 221        | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 221   | U         | 52.1     | 221        | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 221   | U         | 77.0     | 221        | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 221   | U         | 41.7     | 221        | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 221   | U         | 65.3     | 221        | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 221   | U         | 46.8     | 221        | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 221   | U         | 42.0     | 221        | ug/kg             |
| Total PCBs        | Total PCBs           | 221   | U         | 77.0     | 221        | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.3  |           | 32 - 144 | 92%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 16.6  |           | 32 - 175 | 83%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PP073553.D | PIBLK-PP073553.D | Tetrachloro-m-xyl | 1      | 20    | 16.2   | 81          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.3   | 87          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 16.2   | 81          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 17.1   | 85          |      | 60        | 140  |
| I.BLK-PP073808.D | PIBLK-PP073808.D | Tetrachloro-m-xyl | 1      | 20    | 19.6   | 98          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.7   | 99          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.3   | 91          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.7   | 104         |      | 60        | 140  |
| PB168852BL       | PB168852BL       | Tetrachloro-m-xyl | 1      | 20    | 19.6   | 98          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.9   | 100         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.5   | 92          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.3   | 106         |      | 32        | 175  |
| PB168852BS       | PB168852BS       | Tetrachloro-m-xyl | 1      | 20    | 20.4   | 102         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.5   | 103         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.1   | 91          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.9   | 110         |      | 32        | 175  |
| Q2592-01         | WC-SOIL-20250711 | Tetrachloro-m-xyl | 1      | 20    | 18.3   | 92          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 14.7   | 74          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.0   | 90          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.6   | 83          |      | 32        | 175  |
| I.BLK-PP073823.D | PIBLK-PP073823.D | Tetrachloro-m-xyl | 1      | 20    | 18.1   | 91          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.7   | 89          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.1   | 90          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.4   | 102         |      | 60        | 140  |
| Q2598-01MS       | OK-01-071425MS   | Tetrachloro-m-xyl | 1      | 20    | 16.5   | 83          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.0   | 95          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.9   | 94          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.1   | 100         |      | 32        | 175  |
| Q2598-01MSD      | OK-01-071425MSD  | Tetrachloro-m-xyl | 1      | 20    | 17.9   | 90          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.0   | 100         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.2   | 106         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.9   | 110         |      | 32        | 175  |
| I.BLK-PP073838.D | PIBLK-PP073838.D | Tetrachloro-m-xyl | 1      | 20    | 17.8   | 89          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 18.1   | 90          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.3   | 91          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.6   | 108         |      | 60        | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PP073825.D</u> |

|                | Parameter                | Spike             | Sample |                | Result | Units | Rec | Rec  | RPD |      | Limits |  | RPD |
|----------------|--------------------------|-------------------|--------|----------------|--------|-------|-----|------|-----|------|--------|--|-----|
|                |                          |                   | Qual   | RPD            |        |       |     | Qual | Low | High |        |  |     |
| Lab Sample ID: | Q2598-01MS<br>(Column 1) | Client Sample ID: |        | OK-01-071425MS |        |       |     |      |     |      |        |  |     |
|                | AR1016                   | 171.8             | 0      | 154            | ug/kg  | 90    |     |      |     | 55   | 146    |  |     |
|                | AR1260                   | 171.8             | 0      | 143            | ug/kg  | 83    |     |      |     | 54   | 119    |  |     |
| Lab Sample ID: | Q2598-01MS<br>(Column 2) | Client Sample ID: |        | OK-01-071425MS |        |       |     |      |     |      |        |  |     |
|                | AR1016                   | 171.8             | 0      | 147            | ug/kg  | 86    |     |      |     | 55   | 146    |  |     |
|                | AR1260                   | 171.8             | 0      | 136            | ug/kg  | 79    |     |      |     | 54   | 119    |  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PP073826.D</u> |

|                | Parameter                 | Spike             | Sample          |     | Result | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|----------------|---------------------------|-------------------|-----------------|-----|--------|-------|-----|------|-----|------|-----|--------|-----|
|                |                           |                   | Result          |     |        |       |     | Qual | RPD | Qual | Low | High   | RPD |
| Lab Sample ID: | Q2598-01MSD<br>(Column 1) | Client Sample ID: | OK-01-071425MSD |     |        |       |     |      |     |      |     |        |     |
|                | AR1016                    | 172.1             | 0               | 162 | ug/kg  | 94    |     | 4    |     | 55   | 146 | 15     |     |
|                | AR1260                    | 172.1             | 0               | 150 | ug/kg  | 87    |     | 5    |     | 54   | 119 | 15     |     |
| Lab Sample ID: | Q2598-01MSD<br>(Column 2) | Client Sample ID: | OK-01-071425MSD |     |        |       |     |      |     |      |     |        |     |
|                | AR1016                    | 172.1             | 0               | 159 | ug/kg  | 92    |     | 7    |     | 55   | 146 | 15     |     |
|                | AR1260                    | 172.1             | 0               | 146 | ug/kg  | 85    |     | 7    |     | 54   | 119 | 15     |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>Datafile :</b>         | <u>PP073810.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual |     | High   |     |
| PB168852BS<br>(Column 1) | AR1016    | 166.6 | 162    | ug/kg | 97  |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.6 | 151    | ug/kg | 91  |     |      |      | 65  | 130    |     |
| PB168852BS<br>(Column 2) | AR1016    | 166.6 | 157    | ug/kg | 94  |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.6 | 158    | ug/kg | 95  |     |      |      | 65  | 130    |     |

4C  
PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168852BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168852BL

Lab File ID: PP073809.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/15/2025

Date Analyzed (1): 07/15/2025

Date Analyzed (2): 07/15/2025

Time Analyzed (1): 17:30

Time Analyzed (2): 17:30

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB168852BS        | PB168852BS       | PP073810.D     | 07/15/2025         | 07/15/2025         |
| WC-SOIL-20250711  | Q2592-01         | PP073814.D     | 07/15/2025         | 07/15/2025         |
| OK-01-071425MS    | Q2598-01MS       | PP073825.D     | 07/15/2025         | 07/15/2025         |
| OK-01-071425MSD   | Q2598-01MSD      | PP073826.D     | 07/15/2025         | 07/15/2025         |

COMMENTS: \_\_\_\_\_



# CALIBRATION SUMMARY



## RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>PARS02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2592</u>                        |
| Instrument ID: | <u>ECD_P</u>    | Calibration Date(s): | <u>07/07/2025</u> <u>07/08/2025</u> |
|                |                 | Calibration Times:   | <u>21:03</u> <u>04:24</u>           |

GC Column: ZB-MR1      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP073554.D</u> | RT 750 = <u>PP073555.D</u> |
| RT 500 = <u>PP073556.D</u> | RT 250 = <u>PP073557.D</u>  | RT 050 = <u>PP073558.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.64    | 5.64   | 5.64   | 5.64   | 5.64   | 5.64       | 5.54      | 5.74  |
| Aroclor-1016-2       | (2) | 5.66    | 5.66   | 5.66   | 5.66   | 5.66   | 5.66       | 5.56      | 5.76  |
| Aroclor-1016-3       | (3) | 5.72    | 5.72   | 5.72   | 5.72   | 5.72   | 5.72       | 5.62      | 5.82  |
| Aroclor-1016-4       | (4) | 5.82    | 5.82   | 5.82   | 5.82   | 5.82   | 5.82       | 5.72      | 5.92  |
| Aroclor-1016-5       | (5) | 6.11    | 6.11   | 6.11   | 6.11   | 6.11   | 6.11       | 6.01      | 6.21  |
| Aroclor-1260-1       | (1) | 7.23    | 7.23   | 7.23   | 7.23   | 7.23   | 7.23       | 7.13      | 7.33  |
| Aroclor-1260-2       | (2) | 7.48    | 7.48   | 7.48   | 7.48   | 7.48   | 7.48       | 7.38      | 7.58  |
| Aroclor-1260-3       | (3) | 7.84    | 7.84   | 7.84   | 7.84   | 7.84   | 7.84       | 7.74      | 7.94  |
| Aroclor-1260-4       | (4) | 8.06    | 8.07   | 8.06   | 8.07   | 8.06   | 8.06       | 7.96      | 8.16  |
| Aroclor-1260-5       | (5) | 8.38    | 8.38   | 8.38   | 8.39   | 8.38   | 8.38       | 8.28      | 8.48  |
| Decachlorobiphenyl   |     | 10.18   | 10.18  | 10.18  | 10.18  | 10.17  | 10.18      | 10.08     | 10.28 |
| Tetrachloro-m-xylene |     | 4.49    | 4.49   | 4.49   | 4.49   | 4.49   | 4.49       | 4.39      | 4.59  |
| Aroclor-1242-1       | (1) | 5.64    | 5.64   | 5.64   | 5.64   | 5.64   | 5.64       | 5.54      | 5.74  |
| Aroclor-1242-2       | (2) | 5.66    | 5.66   | 5.66   | 5.66   | 5.66   | 5.66       | 5.56      | 5.76  |
| Aroclor-1242-3       | (3) | 5.72    | 5.72   | 5.72   | 5.72   | 5.72   | 5.72       | 5.62      | 5.82  |
| Aroclor-1242-4       | (4) | 5.82    | 5.82   | 5.82   | 5.82   | 5.82   | 5.82       | 5.72      | 5.92  |
| Aroclor-1242-5       | (5) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65  |
| Decachlorobiphenyl   |     | 10.18   | 10.18  | 10.17  | 10.18  | 10.17  | 10.18      | 10.08     | 10.28 |
| Tetrachloro-m-xylene |     | 4.49    | 4.49   | 4.49   | 4.49   | 4.49   | 4.49       | 4.39      | 4.59  |
| Aroclor-1248-1       | (1) | 5.64    | 5.64   | 5.64   | 5.64   | 5.63   | 5.64       | 5.54      | 5.74  |
| Aroclor-1248-2       | (2) | 5.91    | 5.91   | 5.91   | 5.91   | 5.91   | 5.91       | 5.81      | 6.01  |
| Aroclor-1248-3       | (3) | 6.11    | 6.11   | 6.11   | 6.11   | 6.11   | 6.11       | 6.01      | 6.21  |
| Aroclor-1248-4       | (4) | 6.51    | 6.51   | 6.51   | 6.51   | 6.51   | 6.51       | 6.41      | 6.61  |
| Aroclor-1248-5       | (5) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65  |
| Decachlorobiphenyl   |     | 10.18   | 10.18  | 10.17  | 10.18  | 10.17  | 10.18      | 10.08     | 10.28 |
| Tetrachloro-m-xylene |     | 4.49    | 4.49   | 4.49   | 4.49   | 4.49   | 4.49       | 4.39      | 4.59  |
| Aroclor-1254-1       | (1) | 6.49    | 6.49   | 6.49   | 6.48   | 6.49   | 6.49       | 6.39      | 6.59  |
| Aroclor-1254-2       | (2) | 6.70    | 6.70   | 6.70   | 6.70   | 6.70   | 6.70       | 6.60      | 6.80  |
| Aroclor-1254-3       | (3) | 7.07    | 7.07   | 7.06   | 7.06   | 7.06   | 7.07       | 6.97      | 7.17  |
| Aroclor-1254-4       | (4) | 7.35    | 7.35   | 7.35   | 7.35   | 7.35   | 7.35       | 7.25      | 7.45  |
| Aroclor-1254-5       | (5) | 7.76    | 7.76   | 7.76   | 7.76   | 7.76   | 7.76       | 7.66      | 7.86  |
| Decachlorobiphenyl   |     | 10.18   | 10.18  | 10.17  | 10.18  | 10.18  | 10.18      | 10.08     | 10.28 |
| Tetrachloro-m-xylene |     | 4.49    | 4.49   | 4.49   | 4.49   | 4.49   | 4.49       | 4.39      | 4.59  |
| Aroclor-1268-1       | (1) | 8.69    | 8.69   | 8.69   | 8.69   | 8.69   | 8.69       | 8.59      | 8.79  |
| Aroclor-1268-2       | (2) | 8.78    | 8.79   | 8.79   | 8.78   | 8.79   | 8.79       | 8.69      | 8.89  |
| Aroclor-1268-3       | (3) | 9.01    | 9.01   | 9.01   | 9.01   | 9.02   | 9.01       | 8.91      | 9.11  |
| Aroclor-1268-4       | (4) | 9.43    | 9.43   | 9.43   | 9.43   | 9.43   | 9.43       | 9.33      | 9.53  |
| Aroclor-1268-5       | (5) | 9.84    | 9.84   | 9.84   | 9.84   | 9.84   | 9.84       | 9.74      | 9.94  |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.18 | 10.18 | 10.18 | 10.17 | 10.18 | 10.18 | 10.08 | 10.28 |
| Tetrachloro-m-xylene | 4.49  | 4.49  | 4.49  | 4.49  | 4.49  | 4.49  | 4.39  | 4.59  |

## RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>PARS02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2592</u>                        |
| Instrument ID: | <u>ECD_P</u>    | Calibration Date(s): | <u>07/07/2025</u> <u>07/08/2025</u> |
|                |                 | Calibration Times:   | <u>21:03</u> <u>04:24</u>           |

GC Column: ZB-MR2      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP073554.D</u> | RT 750 = <u>PP073555.D</u> |
| RT 500 = <u>PP073556.D</u> | RT 250 = <u>PP073557.D</u>  | RT 050 = <u>PP073558.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.86    | 4.86   | 4.86   | 4.86   | 4.86   | 4.86       | 4.76      | 4.96 |
| Aroclor-1016-2       | (2) | 4.88    | 4.88   | 4.88   | 4.88   | 4.88   | 4.88       | 4.78      | 4.98 |
| Aroclor-1016-3       | (3) | 5.05    | 5.05   | 5.05   | 5.05   | 5.05   | 5.05       | 4.95      | 5.15 |
| Aroclor-1016-4       | (4) | 5.10    | 5.10   | 5.09   | 5.10   | 5.09   | 5.09       | 4.99      | 5.19 |
| Aroclor-1016-5       | (5) | 5.31    | 5.31   | 5.31   | 5.31   | 5.31   | 5.31       | 5.21      | 5.41 |
| Aroclor-1260-1       | (1) | 6.34    | 6.34   | 6.34   | 6.34   | 6.34   | 6.34       | 6.24      | 6.44 |
| Aroclor-1260-2       | (2) | 6.53    | 6.53   | 6.53   | 6.53   | 6.53   | 6.53       | 6.43      | 6.63 |
| Aroclor-1260-3       | (3) | 6.68    | 6.68   | 6.68   | 6.68   | 6.68   | 6.68       | 6.58      | 6.78 |
| Aroclor-1260-4       | (4) | 7.15    | 7.15   | 7.15   | 7.15   | 7.15   | 7.15       | 7.05      | 7.25 |
| Aroclor-1260-5       | (5) | 7.39    | 7.39   | 7.39   | 7.39   | 7.39   | 7.39       | 7.29      | 7.49 |
| Decachlorobiphenyl   |     | 8.78    | 8.78   | 8.78   | 8.78   | 8.78   | 8.78       | 8.68      | 8.88 |
| Tetrachloro-m-xylene |     | 3.78    | 3.78   | 3.78   | 3.78   | 3.78   | 3.78       | 3.68      | 3.88 |
| Aroclor-1242-1       | (1) | 4.86    | 4.86   | 4.86   | 4.86   | 4.86   | 4.86       | 4.76      | 4.96 |
| Aroclor-1242-2       | (2) | 4.87    | 4.88   | 4.88   | 4.88   | 4.88   | 4.88       | 4.78      | 4.98 |
| Aroclor-1242-3       | (3) | 5.05    | 5.05   | 5.05   | 5.05   | 5.05   | 5.05       | 4.95      | 5.15 |
| Aroclor-1242-4       | (4) | 5.14    | 5.14   | 5.14   | 5.14   | 5.14   | 5.14       | 5.04      | 5.24 |
| Aroclor-1242-5       | (5) | 5.66    | 5.66   | 5.66   | 5.66   | 5.66   | 5.66       | 5.56      | 5.76 |
| Decachlorobiphenyl   |     | 8.78    | 8.78   | 8.78   | 8.78   | 8.78   | 8.78       | 8.68      | 8.88 |
| Tetrachloro-m-xylene |     | 3.78    | 3.78   | 3.78   | 3.78   | 3.78   | 3.78       | 3.68      | 3.88 |
| Aroclor-1248-1       | (1) | 4.86    | 4.86   | 4.86   | 4.86   | 4.86   | 4.86       | 4.76      | 4.96 |
| Aroclor-1248-2       | (2) | 5.09    | 5.09   | 5.09   | 5.09   | 5.09   | 5.09       | 4.99      | 5.19 |
| Aroclor-1248-3       | (3) | 5.14    | 5.14   | 5.14   | 5.14   | 5.14   | 5.14       | 5.04      | 5.24 |
| Aroclor-1248-4       | (4) | 5.31    | 5.31   | 5.31   | 5.31   | 5.31   | 5.31       | 5.21      | 5.41 |
| Aroclor-1248-5       | (5) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80 |
| Decachlorobiphenyl   |     | 8.78    | 8.78   | 8.78   | 8.78   | 8.78   | 8.78       | 8.68      | 8.88 |
| Tetrachloro-m-xylene |     | 3.78    | 3.78   | 3.78   | 3.78   | 3.78   | 3.78       | 3.68      | 3.88 |
| Aroclor-1254-1       | (1) | 5.66    | 5.66   | 5.66   | 5.66   | 5.66   | 5.66       | 5.56      | 5.76 |
| Aroclor-1254-2       | (2) | 5.81    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91 |
| Aroclor-1254-3       | (3) | 6.21    | 6.21   | 6.21   | 6.21   | 6.21   | 6.21       | 6.11      | 6.31 |
| Aroclor-1254-4       | (4) | 6.44    | 6.44   | 6.44   | 6.44   | 6.44   | 6.44       | 6.34      | 6.54 |
| Aroclor-1254-5       | (5) | 6.85    | 6.85   | 6.85   | 6.85   | 6.85   | 6.85       | 6.75      | 6.95 |
| Decachlorobiphenyl   |     | 8.78    | 8.78   | 8.78   | 8.78   | 8.78   | 8.78       | 8.68      | 8.88 |
| Tetrachloro-m-xylene |     | 3.78    | 3.78   | 3.78   | 3.78   | 3.78   | 3.78       | 3.68      | 3.88 |
| Aroclor-1268-1       | (1) | 7.67    | 7.67   | 7.67   | 7.67   | 7.67   | 7.67       | 7.57      | 7.77 |
| Aroclor-1268-2       | (2) | 7.74    | 7.74   | 7.74   | 7.74   | 7.74   | 7.74       | 7.64      | 7.84 |
| Aroclor-1268-3       | (3) | 7.94    | 7.94   | 7.94   | 7.94   | 7.94   | 7.94       | 7.84      | 8.04 |
| Aroclor-1268-4       | (4) | 8.23    | 8.23   | 8.23   | 8.23   | 8.23   | 8.23       | 8.13      | 8.33 |
| Aroclor-1268-5       | (5) | 8.53    | 8.53   | 8.53   | 8.53   | 8.53   | 8.53       | 8.43      | 8.63 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.78 | 8.68 | 8.88 |
| Tetrachloro-m-xylene | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.78 | 3.68 | 3.88 |

## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_P

Contract: PARS02

SDG NO.: Q2592

Calibration Date(s): 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

GC Column: ZB-MR1 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP073554.D</u> |            | CF 750 = <u>PP073555.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP073556.D</u> |     | CF 250 = <u>PP073557.D</u>  |            | CF 050 = <u>PP073558.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 42452248                    | 45617859   | 47138872                   | 50511676   | 51847220   | 47513575   |
| Aroclor-1016-2             | (2) | 66518124                    | 70141979   | 72048808                   | 76716636   | 70648900   | 71214889   |
| Aroclor-1016-3             | (3) | 39961628                    | 42046196   | 44162638                   | 46389840   | 45755080   | 43663076   |
| Aroclor-1016-4             | (4) | 33606097                    | 35475740   | 36592056                   | 38460728   | 35593260   | 35945576   |
| Aroclor-1016-5             | (5) | 30910810                    | 31971305   | 32786356                   | 34274032   | 26709560   | 31330413   |
| Aroclor-1260-1             | (1) | 55735594                    | 57789364   | 59663732                   | 63324028   | 58293500   | 58961244   |
| Aroclor-1260-2             | (2) | 82256765                    | 86873544   | 90393892                   | 97973444   | 121701660  | 95839861   |
| Aroclor-1260-3             | (3) | 71122512                    | 73727981   | 74691298                   | 76804056   | 69007300   | 73070629   |
| Aroclor-1260-4             | (4) | 63951646                    | 66011447   | 66730410                   | 69035472   | 60770420   | 65299879   |
| Aroclor-1260-5             | (5) | 147606205                   | 151816095  | 154896322                  | 160840336  | 139104740  | 150852740  |
| Decachlorobiphenyl         |     | 1075002490                  | 1114272707 | 1146110620                 | 1163852360 | 956024000  | 1091052435 |
| Tetrachloro-m-xylene       |     | 1314627420                  | 1370591720 | 1413189460                 | 1469047800 | 1280173600 | 1369526000 |
| Aroclor-1242-1             | (1) | 37824570                    | 38531545   | 40764028                   | 42347748   | 31473220   | 38188222   |
| Aroclor-1242-2             | (2) | 59433539                    | 58987884   | 63134254                   | 65007836   | 52846680   | 59882039   |
| Aroclor-1242-3             | (3) | 35307728                    | 35832168   | 38067086                   | 39311740   | 34585840   | 36620912   |
| Aroclor-1242-4             | (4) | 29431539                    | 30211543   | 31738592                   | 32275500   | 37022940   | 32136023   |
| Aroclor-1242-5             | (5) | 31742412                    | 31628361   | 33353228                   | 35089048   | 31871320   | 32736874   |
| Decachlorobiphenyl         |     | 1095703140                  | 1117596867 | 1144519060                 | 1154694600 | 992628000  | 1101028333 |
| Tetrachloro-m-xylene       |     | 1336424670                  | 1349665200 | 1427212360                 | 1438929280 | 1262569400 | 1362960182 |
| Aroclor-1248-1             | (1) | 29290065                    | 30340729   | 31459936                   | 34321104   | 28940820   | 30870531   |
| Aroclor-1248-2             | (2) | 37625323                    | 39736876   | 40535254                   | 44074952   | 37644360   | 39923353   |
| Aroclor-1248-3             | (3) | 43927993                    | 45846956   | 46075290                   | 48569104   | 37628800   | 44409629   |
| Aroclor-1248-4             | (4) | 53376796                    | 55925132   | 57147446                   | 59774616   | 49178580   | 55080514   |
| Aroclor-1248-5             | (5) | 51803368                    | 53704276   | 55758942                   | 57942584   | 49744040   | 53790642   |
| Decachlorobiphenyl         |     | 1098016930                  | 1133084880 | 1145143920                 | 1172914800 | 889666400  | 1087765386 |
| Tetrachloro-m-xylene       |     | 1321954420                  | 1371326347 | 1415433040                 | 1456874560 | 1240770200 | 1361271713 |
| Aroclor-1254-1             | (1) | 50900598                    | 53159759   | 55209204                   | 57116384   | 51561700   | 53589529   |
| Aroclor-1254-2             | (2) | 77237012                    | 80519573   | 82538946                   | 86348708   | 89800160   | 83288880   |
| Aroclor-1254-3             | (3) | 83677544                    | 86010903   | 88492372                   | 92072040   | 91405580   | 88331688   |
| Aroclor-1254-4             | (4) | 74438148                    | 76222969   | 79592040                   | 81854844   | 81227180   | 78667036   |
| Aroclor-1254-5             | (5) | 71888659                    | 74572743   | 74620102                   | 76347748   | 70969780   | 73679806   |
| Decachlorobiphenyl         |     | 1107439250                  | 1132832533 | 1145288580                 | 1145076280 | 1133429800 | 1132813289 |
| Tetrachloro-m-xylene       |     | 1351624000                  | 1395660893 | 1401155480                 | 1465561640 | 1387618000 | 1400324003 |
| Aroclor-1268-1             | (1) | 220572869                   | 225132533  | 228083942                  | 237689468  | 204639620  | 223223686  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 188785361  | 192061012  | 194228718  | 202923360  | 174527620  | 190505214  | 5  |
| Aroclor-1268-3       | (3) | 161320167  | 164379476  | 166708106  | 175220108  | 160250740  | 165575719  | 4  |
| Aroclor-1268-4       | (4) | 68937885   | 69804631   | 69558114   | 75087068   | 64331720   | 69543884   | 5  |
| Aroclor-1268-5       | (5) | 477643268  | 472782711  | 485154758  | 497337016  | 371889540  | 460961459  | 11 |
| Decachlorobiphenyl   |     | 1977874930 | 2021254947 | 2057047680 | 2189262080 | 1794844800 | 2008056887 | 7  |
| Tetrachloro-m-xylene |     | 1351774000 | 1390310400 | 1415817780 | 1495349000 | 1314096000 | 1393469436 | 5  |

## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_P

Contract: PARS02

SDG NO.: Q2592

Calibration Date(s): 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP073554.D</u> |            | CF 750 = <u>PP073555.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PP073556.D</u> |     | CF 250 = <u>PP073557.D</u>  |            | CF 050 = <u>PP073558.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 63548895                    | 66956692   | 68520980                   | 73175628   | 68671440   | 5     |
| Aroclor-1016-2             | (2) | 95987811                    | 99810097   | 102589296                  | 109872788  | 101161940  | 5     |
| Aroclor-1016-3             | (3) | 50406684                    | 53112144   | 54849034                   | 57930668   | 54233060   | 5     |
| Aroclor-1016-4             | (4) | 39688708                    | 42104989   | 43896956                   | 47040184   | 46673360   | 7     |
| Aroclor-1016-5             | (5) | 50298801                    | 53487816   | 55660288                   | 59272232   | 54193420   | 6     |
| Aroclor-1260-1             | (1) | 89335231                    | 94510516   | 99471332                   | 104207304  | 100277120  | 6     |
| Aroclor-1260-2             | (2) | 113000947                   | 118559808  | 124003550                  | 129850992  | 128772620  | 6     |
| Aroclor-1260-3             | (3) | 102918015                   | 108414332  | 112293296                  | 117668340  | 106025080  | 5     |
| Aroclor-1260-4             | (4) | 82942909                    | 90440599   | 92349274                   | 96325208   | 84984160   | 6     |
| Aroclor-1260-5             | (5) | 218347404                   | 234684793  | 232225124                  | 233707816  | 204717920  | 6     |
| Decachlorobiphenyl         |     | 1288482360                  | 1338938240 | 1324505420                 | 1466524480 | 1197294400 | 7     |
| Tetrachloro-m-xylene       |     | 1774031450                  | 1893159427 | 1873404460                 | 1944042160 | 1726825000 | 5     |
| Aroclor-1242-1             | (1) | 53636877                    | 56644489   | 60339480                   | 62120840   | 56082120   | 6     |
| Aroclor-1242-2             | (2) | 81745742                    | 82323689   | 88927402                   | 91756504   | 87517600   | 5     |
| Aroclor-1242-3             | (3) | 43191003                    | 44194741   | 47579930                   | 48843488   | 45924140   | 5     |
| Aroclor-1242-4             | (4) | 40719317                    | 41867060   | 45117014                   | 46860680   | 46752460   | 6     |
| Aroclor-1242-5             | (5) | 53173633                    | 53609452   | 57067394                   | 58584716   | 53777140   | 4     |
| Decachlorobiphenyl         |     | 1306642480                  | 1369985587 | 1353011840                 | 1407476720 | 1194819200 | 6     |
| Tetrachloro-m-xylene       |     | 1787240920                  | 1786937067 | 1893455580                 | 1997751320 | 1666197200 | 7     |
| Aroclor-1248-1             | (1) | 41993150                    | 43590469   | 45185544                   | 49843992   | 43861300   | 7     |
| Aroclor-1248-2             | (2) | 55737799                    | 58586344   | 61889020                   | 66706936   | 64762540   | 7     |
| Aroclor-1248-3             | (3) | 58429721                    | 61323012   | 64407590                   | 69469512   | 66692820   | 7     |
| Aroclor-1248-4             | (4) | 68661033                    | 72026459   | 75308372                   | 81734520   | 79156680   | 7     |
| Aroclor-1248-5             | (5) | 69725277                    | 73210425   | 76423314                   | 81696724   | 71898780   | 6     |
| Decachlorobiphenyl         |     | 1298382400                  | 1392805453 | 1360355620                 | 1440840840 | 1158845800 | 8     |
| Tetrachloro-m-xylene       |     | 1855486030                  | 1865559853 | 1910416600                 | 1967065360 | 1674658000 | 6     |
| Aroclor-1254-1             | (1) | 105364555                   | 111697468  | 112323806                  | 121711620  | 129052960  | 8     |
| Aroclor-1254-2             | (2) | 90612135                    | 96205700   | 96079760                   | 105129084  | 115091100  | 10    |
| Aroclor-1254-3             | (3) | 142515413                   | 152219476  | 152099148                  | 162118636  | 163279600  | 6     |
| Aroclor-1254-4             | (4) | 86996505                    | 93901768   | 94351020                   | 100389560  | 97157080   | 5     |
| Aroclor-1254-5             | (5) | 123596587                   | 131044949  | 130737444                  | 141046724  | 140798600  | 6     |
| Decachlorobiphenyl         |     | 1348192280                  | 1398430560 | 1372338640                 | 1507697520 | 1377457800 | 4     |
| Tetrachloro-m-xylene       |     | 1809940380                  | 1949806187 | 1892015400                 | 1932532480 | 1944382600 | 3     |
| Aroclor-1268-1             | (1) | 290584667                   | 307587391  | 307795276                  | 323603296  | 307313580  | 4     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 254148086  | 267727805  | 267575410  | 282961968  | 256026000  | 265687854  | 4 |
| Aroclor-1268-3       | (3) | 211648098  | 225837245  | 227309934  | 242217372  | 220889640  | 225580458  | 5 |
| Aroclor-1268-4       | (4) | 89640321   | 95098047   | 95218176   | 99881904   | 85000720   | 92967834   | 6 |
| Aroclor-1268-5       | (5) | 595257746  | 637650785  | 622434144  | 650778188  | 576631820  | 616550537  | 5 |
| Decachlorobiphenyl   |     | 2396229270 | 2556860227 | 2535017940 | 2683507840 | 2355689000 | 2505460855 | 5 |
| Tetrachloro-m-xylene |     | 1866286350 | 1953909840 | 1937791560 | 2021719520 | 1790813600 | 1914104174 | 5 |



INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Instrument ID: ECD\_P Date(s) Analyzed: 07/07/2025 07/08/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.69 | 4.59      | 4.79 | 17866400              |
|              |                | 2    | 4.78 | 4.68      | 4.88 | 13504500              |
|              |                | 3    | 4.85 | 4.75      | 4.95 | 41604800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.85 | 4.75      | 4.95 | 32650800              |
|              |                | 2    | 5.37 | 5.27      | 5.47 | 16254700              |
|              |                | 3    | 5.66 | 5.56      | 5.76 | 32993400              |
|              |                | 4    | 5.82 | 5.72      | 5.92 | 16445200              |
|              |                | 5    | 5.91 | 5.81      | 6.01 | 10570400              |
| Aroclor-1262 | 500            | 1    | 8.07 | 7.97      | 8.17 | 87027200              |
|              |                | 2    | 8.38 | 8.28      | 8.48 | 198028000             |
|              |                | 3    | 8.70 | 8.60      | 8.80 | 125725000             |
|              |                | 4    | 8.78 | 8.68      | 8.88 | 93262800              |
|              |                | 5    | 9.43 | 9.33      | 9.53 | 63389400              |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: PARS02

Lab Code: ACE SDG NO.: Q2592

Instrument ID: ECD\_P Date(s) Analyzed: 07/07/2025 07/08/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.99 | 3.89      | 4.09 | 27045000              |
|              |                | 2    | 4.08 | 3.98      | 4.18 | 20360400              |
|              |                | 3    | 4.15 | 4.05      | 4.25 | 61448600              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.15 | 4.05      | 4.25 | 46614400              |
|              |                | 2    | 4.88 | 4.78      | 4.98 | 47659800              |
|              |                | 3    | 5.05 | 4.95      | 5.15 | 25029000              |
|              |                | 4    | 5.14 | 5.04      | 5.24 | 21656200              |
|              |                | 5    | 5.31 | 5.21      | 5.41 | 22563400              |
| Aroclor-1262 | 500            | 1    | 6.89 | 6.79      | 6.99 | 147692000             |
|              |                | 2    | 7.15 | 7.05      | 7.25 | 127829000             |
|              |                | 3    | 7.67 | 7.57      | 7.77 | 114019000             |
|              |                | 4    | 7.74 | 7.64      | 7.84 | 184049000             |
|              |                | 5    | 8.23 | 8.13      | 8.33 | 84435600              |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 16:08

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.64       | 5.64      | 5.54      | 5.74  | 0.00       |
| Aroclor-1016-2       | (2) | 5.66       | 5.66      | 5.56      | 5.76  | 0.00       |
| Aroclor-1016-3       | (3) | 5.72       | 5.72      | 5.62      | 5.82  | 0.00       |
| Aroclor-1016-4       | (4) | 5.82       | 5.82      | 5.72      | 5.92  | 0.00       |
| Aroclor-1016-5       | (5) | 6.11       | 6.11      | 6.01      | 6.21  | 0.00       |
| Aroclor-1260-1       | (1) | 7.23       | 7.23      | 7.13      | 7.33  | 0.00       |
| Aroclor-1260-2       | (2) | 7.48       | 7.48      | 7.38      | 7.58  | 0.00       |
| Aroclor-1260-3       | (3) | 7.84       | 7.84      | 7.74      | 7.94  | 0.00       |
| Aroclor-1260-4       | (4) | 8.06       | 8.06      | 7.96      | 8.16  | 0.00       |
| Aroclor-1260-5       | (5) | 8.38       | 8.38      | 8.28      | 8.48  | 0.00       |
| Tetrachloro-m-xylene |     | 4.49       | 4.49      | 4.39      | 4.59  | 0.00       |
| Decachlorobiphenyl   |     | 10.17      | 10.18     | 10.08     | 10.28 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 16:08

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.86       | 4.86      | 4.76      | 4.96 | 0.00       |
| Aroclor-1016-2       | (2) | 4.87       | 4.88      | 4.78      | 4.98 | 0.01       |
| Aroclor-1016-3       | (3) | 5.05       | 5.05      | 4.95      | 5.15 | 0.00       |
| Aroclor-1016-4       | (4) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-5       | (5) | 5.31       | 5.31      | 5.21      | 5.41 | 0.01       |
| Aroclor-1260-1       | (1) | 6.33       | 6.34      | 6.24      | 6.44 | 0.01       |
| Aroclor-1260-2       | (2) | 6.52       | 6.53      | 6.43      | 6.63 | 0.01       |
| Aroclor-1260-3       | (3) | 6.67       | 6.68      | 6.58      | 6.78 | 0.01       |
| Aroclor-1260-4       | (4) | 7.14       | 7.15      | 7.05      | 7.25 | 0.01       |
| Aroclor-1260-5       | (5) | 7.39       | 7.39      | 7.29      | 7.49 | 0.00       |
| Tetrachloro-m-xylene |     | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Decachlorobiphenyl   |     | 8.78       | 8.78      | 8.68      | 8.88 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073804.D **Time Analyzed:** 16:08

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.637  | 5.539                | 5.739  | 455.310            | 500.000           | -8.9  |
| Aroclor-1016-2       | 5.659  | 5.560                | 5.760  | 494.680            | 500.000           | -1.1  |
| Aroclor-1016-3       | 5.720  | 5.622                | 5.822  | 488.830            | 500.000           | -2.2  |
| Aroclor-1016-4       | 5.818  | 5.720                | 5.920  | 493.640            | 500.000           | -1.3  |
| Aroclor-1016-5       | 6.110  | 6.012                | 6.212  | 507.350            | 500.000           | 1.5   |
| Aroclor-1260-1       | 7.226  | 7.129                | 7.329  | 489.480            | 500.000           | -2.1  |
| Aroclor-1260-2       | 7.480  | 7.383                | 7.583  | 415.640            | 500.000           | -16.9 |
| Aroclor-1260-3       | 7.838  | 7.740                | 7.940  | 474.930            | 500.000           | -5.0  |
| Aroclor-1260-4       | 8.061  | 7.964                | 8.164  | 486.570            | 500.000           | -2.7  |
| Aroclor-1260-5       | 8.379  | 8.283                | 8.483  | 492.390            | 500.000           | -1.5  |
| Decachlorobiphenyl   | 10.171 | 10.076               | 10.276 | 52.010             | 50.000            | 4.0   |
| Tetrachloro-m-xylene | 4.487  | 4.388                | 4.588  | 51.230             | 50.000            | 2.5   |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073804.D **Time Analyzed:** 16:08

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.856 | 4.758     | 4.958 | 472.940            | 500.000           | -5.4 |
| Aroclor-1016-2       | 4.873 | 4.775     | 4.975 | 467.040            | 500.000           | -6.6 |
| Aroclor-1016-3       | 5.050 | 4.951     | 5.151 | 476.820            | 500.000           | -4.6 |
| Aroclor-1016-4       | 5.092 | 4.993     | 5.193 | 476.550            | 500.000           | -4.7 |
| Aroclor-1016-5       | 5.305 | 5.207     | 5.407 | 509.550            | 500.000           | 1.9  |
| Aroclor-1260-1       | 6.334 | 6.237     | 6.437 | 472.180            | 500.000           | -5.6 |
| Aroclor-1260-2       | 6.523 | 6.425     | 6.625 | 473.960            | 500.000           | -5.2 |
| Aroclor-1260-3       | 6.674 | 6.577     | 6.777 | 460.750            | 500.000           | -7.9 |
| Aroclor-1260-4       | 7.143 | 7.046     | 7.246 | 486.760            | 500.000           | -2.6 |
| Aroclor-1260-5       | 7.386 | 7.289     | 7.489 | 485.010            | 500.000           | -3.0 |
| Decachlorobiphenyl   | 8.777 | 8.680     | 8.880 | 53.400             | 50.000            | 6.8  |
| Tetrachloro-m-xylene | 3.779 | 3.678     | 3.878 | 47.220             | 50.000            | -5.6 |

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 21:02

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.63       | 5.64      | 5.54      | 5.74  | 0.01       |
| Aroclor-1016-2       | (2) | 5.66       | 5.66      | 5.56      | 5.76  | 0.00       |
| Aroclor-1016-3       | (3) | 5.72       | 5.72      | 5.62      | 5.82  | 0.00       |
| Aroclor-1016-4       | (4) | 5.82       | 5.82      | 5.72      | 5.92  | 0.00       |
| Aroclor-1016-5       | (5) | 6.11       | 6.11      | 6.01      | 6.21  | 0.00       |
| Aroclor-1260-1       | (1) | 7.22       | 7.23      | 7.13      | 7.33  | 0.01       |
| Aroclor-1260-2       | (2) | 7.48       | 7.48      | 7.38      | 7.58  | 0.00       |
| Aroclor-1260-3       | (3) | 7.84       | 7.84      | 7.74      | 7.94  | 0.00       |
| Aroclor-1260-4       | (4) | 8.06       | 8.06      | 7.96      | 8.16  | 0.00       |
| Aroclor-1260-5       | (5) | 8.38       | 8.38      | 8.28      | 8.48  | 0.00       |
| Tetrachloro-m-xylene |     | 4.48       | 4.49      | 4.39      | 4.59  | 0.01       |
| Decachlorobiphenyl   |     | 10.17      | 10.18     | 10.08     | 10.28 | 0.01       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 21:02

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-2       | (2) | 4.87       | 4.88      | 4.78      | 4.98 | 0.01       |
| Aroclor-1016-3       | (3) | 5.05       | 5.05      | 4.95      | 5.15 | 0.00       |
| Aroclor-1016-4       | (4) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-5       | (5) | 5.30       | 5.31      | 5.21      | 5.41 | 0.01       |
| Aroclor-1260-1       | (1) | 6.33       | 6.34      | 6.24      | 6.44 | 0.01       |
| Aroclor-1260-2       | (2) | 6.52       | 6.53      | 6.43      | 6.63 | 0.01       |
| Aroclor-1260-3       | (3) | 6.67       | 6.68      | 6.58      | 6.78 | 0.01       |
| Aroclor-1260-4       | (4) | 7.14       | 7.15      | 7.05      | 7.25 | 0.01       |
| Aroclor-1260-5       | (5) | 7.38       | 7.39      | 7.29      | 7.49 | 0.01       |
| Tetrachloro-m-xylene |     | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Decachlorobiphenyl   |     | 8.77       | 8.78      | 8.68      | 8.88 | 0.01       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073819.D **Time Analyzed:** 21:02

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.634  | 5.539     | 5.739  | 406.560            | 500.000           | -18.7 |
| Aroclor-1016-2       | 5.655  | 5.560     | 5.760  | 433.980            | 500.000           | -13.2 |
| Aroclor-1016-3       | 5.718  | 5.622     | 5.822  | 433.080            | 500.000           | -13.4 |
| Aroclor-1016-4       | 5.815  | 5.720     | 5.920  | 439.190            | 500.000           | -12.2 |
| Aroclor-1016-5       | 6.107  | 6.012     | 6.212  | 444.730            | 500.000           | -11.1 |
| Aroclor-1260-1       | 7.223  | 7.129     | 7.329  | 426.830            | 500.000           | -14.6 |
| Aroclor-1260-2       | 7.477  | 7.383     | 7.583  | 361.680            | 500.000           | -27.7 |
| Aroclor-1260-3       | 7.835  | 7.740     | 7.940  | 411.850            | 500.000           | -17.6 |
| Aroclor-1260-4       | 8.058  | 7.964     | 8.164  | 422.130            | 500.000           | -15.6 |
| Aroclor-1260-5       | 8.376  | 8.283     | 8.483  | 430.280            | 500.000           | -13.9 |
| Decachlorobiphenyl   | 10.166 | 10.076    | 10.276 | 45.300             | 50.000            | -9.4  |
| Tetrachloro-m-xylene | 4.484  | 4.388     | 4.588  | 45.830             | 50.000            | -8.3  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073819.D **Time Analyzed:** 21:02

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.854 | 4.758                | 4.958 | 469.990            | 500.000           | -6.0  |
| Aroclor-1016-2       | 4.871 | 4.775                | 4.975 | 464.330            | 500.000           | -7.1  |
| Aroclor-1016-3       | 5.048 | 4.951                | 5.151 | 474.880            | 500.000           | -5.0  |
| Aroclor-1016-4       | 5.090 | 4.993                | 5.193 | 470.170            | 500.000           | -6.0  |
| Aroclor-1016-5       | 5.303 | 5.207                | 5.407 | 502.970            | 500.000           | 0.6   |
| Aroclor-1260-1       | 6.332 | 6.237                | 6.437 | 439.520            | 500.000           | -12.1 |
| Aroclor-1260-2       | 6.521 | 6.425                | 6.625 | 445.700            | 500.000           | -10.9 |
| Aroclor-1260-3       | 6.672 | 6.577                | 6.777 | 430.730            | 500.000           | -13.9 |
| Aroclor-1260-4       | 7.142 | 7.046                | 7.246 | 447.390            | 500.000           | -10.5 |
| Aroclor-1260-5       | 7.384 | 7.289                | 7.489 | 445.990            | 500.000           | -10.8 |
| Decachlorobiphenyl   | 8.774 | 8.680                | 8.880 | 50.560             | 50.000            | 1.1   |
| Tetrachloro-m-xylene | 3.777 | 3.678                | 3.878 | 46.870             | 50.000            | -6.3  |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/16/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 04:09

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.64       | 5.64      | 5.54      | 5.74  | 0.00       |
| Aroclor-1016-2       | (2) | 5.66       | 5.66      | 5.56      | 5.76  | 0.00       |
| Aroclor-1016-3       | (3) | 5.72       | 5.72      | 5.62      | 5.82  | 0.00       |
| Aroclor-1016-4       | (4) | 5.82       | 5.82      | 5.72      | 5.92  | 0.00       |
| Aroclor-1016-5       | (5) | 6.11       | 6.11      | 6.01      | 6.21  | 0.00       |
| Aroclor-1260-1       | (1) | 7.23       | 7.23      | 7.13      | 7.33  | 0.00       |
| Aroclor-1260-2       | (2) | 7.48       | 7.48      | 7.38      | 7.58  | 0.00       |
| Aroclor-1260-3       | (3) | 7.84       | 7.84      | 7.74      | 7.94  | 0.00       |
| Aroclor-1260-4       | (4) | 8.06       | 8.06      | 7.96      | 8.16  | 0.00       |
| Aroclor-1260-5       | (5) | 8.38       | 8.38      | 8.28      | 8.48  | 0.00       |
| Tetrachloro-m-xylene |     | 4.49       | 4.49      | 4.39      | 4.59  | 0.00       |
| Decachlorobiphenyl   |     | 10.17      | 10.18     | 10.08     | 10.28 | 0.01       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/16/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 04:09

Initial Calibration Time(s): 21:03

04:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.86       | 4.86      | 4.76      | 4.96 | 0.00       |
| Aroclor-1016-2       | (2) | 4.87       | 4.88      | 4.78      | 4.98 | 0.01       |
| Aroclor-1016-3       | (3) | 5.05       | 5.05      | 4.95      | 5.15 | 0.00       |
| Aroclor-1016-4       | (4) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-5       | (5) | 5.30       | 5.31      | 5.21      | 5.41 | 0.01       |
| Aroclor-1260-1       | (1) | 6.33       | 6.34      | 6.24      | 6.44 | 0.01       |
| Aroclor-1260-2       | (2) | 6.52       | 6.53      | 6.43      | 6.63 | 0.01       |
| Aroclor-1260-3       | (3) | 6.67       | 6.68      | 6.58      | 6.78 | 0.01       |
| Aroclor-1260-4       | (4) | 7.14       | 7.15      | 7.05      | 7.25 | 0.01       |
| Aroclor-1260-5       | (5) | 7.39       | 7.39      | 7.29      | 7.49 | 0.00       |
| Tetrachloro-m-xylene |     | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Decachlorobiphenyl   |     | 8.77       | 8.78      | 8.68      | 8.88 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/16/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073834.D **Time Analyzed:** 04:09

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.637  | 5.539     | 5.739  | 406.110            | 500.000           | -18.8 |
| Aroclor-1016-2       | 5.658  | 5.560     | 5.760  | 444.870            | 500.000           | -11.0 |
| Aroclor-1016-3       | 5.721  | 5.622     | 5.822  | 434.180            | 500.000           | -13.2 |
| Aroclor-1016-4       | 5.818  | 5.720     | 5.920  | 441.020            | 500.000           | -11.8 |
| Aroclor-1016-5       | 6.110  | 6.012     | 6.212  | 459.000            | 500.000           | -8.2  |
| Aroclor-1260-1       | 7.227  | 7.129     | 7.329  | 442.950            | 500.000           | -11.4 |
| Aroclor-1260-2       | 7.478  | 7.383     | 7.583  | 388.470            | 500.000           | -22.3 |
| Aroclor-1260-3       | 7.838  | 7.740     | 7.940  | 428.260            | 500.000           | -14.3 |
| Aroclor-1260-4       | 8.062  | 7.964     | 8.164  | 439.070            | 500.000           | -12.2 |
| Aroclor-1260-5       | 8.379  | 8.283     | 8.483  | 434.140            | 500.000           | -13.2 |
| Decachlorobiphenyl   | 10.171 | 10.076    | 10.276 | 46.520             | 50.000            | -7.0  |
| Tetrachloro-m-xylene | 4.486  | 4.388     | 4.588  | 45.710             | 50.000            | -8.6  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/16/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP073834.D **Time Analyzed:** 04:09

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.855 | 4.758                | 4.958 | 468.590            | 500.000           | -6.3 |
| Aroclor-1016-2       | 4.872 | 4.775                | 4.975 | 472.680            | 500.000           | -5.5 |
| Aroclor-1016-3       | 5.049 | 4.951                | 5.151 | 477.370            | 500.000           | -4.5 |
| Aroclor-1016-4       | 5.090 | 4.993                | 5.193 | 474.450            | 500.000           | -5.1 |
| Aroclor-1016-5       | 5.303 | 5.207                | 5.407 | 494.620            | 500.000           | -1.1 |
| Aroclor-1260-1       | 6.333 | 6.237                | 6.437 | 483.280            | 500.000           | -3.3 |
| Aroclor-1260-2       | 6.522 | 6.425                | 6.625 | 491.070            | 500.000           | -1.8 |
| Aroclor-1260-3       | 6.673 | 6.577                | 6.777 | 469.470            | 500.000           | -6.1 |
| Aroclor-1260-4       | 7.142 | 7.046                | 7.246 | 479.030            | 500.000           | -4.2 |
| Aroclor-1260-5       | 7.385 | 7.289                | 7.489 | 473.830            | 500.000           | -5.2 |
| Decachlorobiphenyl   | 8.774 | 8.680                | 8.880 | 53.240             | 50.000            | 6.5  |
| Tetrachloro-m-xylene | 3.777 | 3.678                | 3.878 | 46.020             | 50.000            | -8.0 |

## Analytical Sequence

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Client: <b>PARSONS Engineering of New York, Inc.</b> | SDG No.: <b>Q2592</b>                                                        |
| Project: <b>Con Edison - East River Site 2</b>       | Instrument ID: <b>ECD_P</b>                                                  |
| GC Column: <b>ZB-MR1</b>                             | ID: <b>0.32 (mm)</b> Inst. Calib. Date(s): <b>07/07/2025      07/07/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID        | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK             | IBLK             | 07/07/2025       | 20:30            | PP073553.D | 10.18       | 4.49        |
| AR1660ICC1000    | AR1660ICC1000    | 07/07/2025       | 21:03            | PP073554.D | 10.18       | 4.49        |
| AR1660ICC750     | AR1660ICC750     | 07/07/2025       | 21:19            | PP073555.D | 10.18       | 4.49        |
| AR1660ICC500     | AR1660ICC500     | 07/07/2025       | 21:35            | PP073556.D | 10.18       | 4.49        |
| AR1660ICC250     | AR1660ICC250     | 07/07/2025       | 21:52            | PP073557.D | 10.18       | 4.49        |
| AR1660ICC050     | AR1660ICC050     | 07/07/2025       | 22:08            | PP073558.D | 10.17       | 4.49        |
| AR1221ICC500     | AR1221ICC500     | 07/07/2025       | 22:24            | PP073559.D | 10.18       | 4.49        |
| AR1232ICC500     | AR1232ICC500     | 07/07/2025       | 22:41            | PP073560.D | 10.18       | 4.49        |
| AR1242ICC1000    | AR1242ICC1000    | 07/07/2025       | 22:57            | PP073561.D | 10.18       | 4.49        |
| AR1242ICC750     | AR1242ICC750     | 07/07/2025       | 23:14            | PP073562.D | 10.18       | 4.49        |
| AR1242ICC500     | AR1242ICC500     | 07/07/2025       | 23:30            | PP073563.D | 10.17       | 4.49        |
| AR1242ICC250     | AR1242ICC250     | 07/07/2025       | 23:46            | PP073564.D | 10.18       | 4.49        |
| AR1242ICC050     | AR1242ICC050     | 07/08/2025       | 00:03            | PP073565.D | 10.17       | 4.49        |
| AR1248ICC1000    | AR1248ICC1000    | 07/08/2025       | 00:19            | PP073566.D | 10.18       | 4.49        |
| AR1248ICC750     | AR1248ICC750     | 07/08/2025       | 00:35            | PP073567.D | 10.18       | 4.49        |
| AR1248ICC500     | AR1248ICC500     | 07/08/2025       | 00:52            | PP073568.D | 10.17       | 4.49        |
| AR1248ICC250     | AR1248ICC250     | 07/08/2025       | 01:08            | PP073569.D | 10.18       | 4.49        |
| AR1248ICC050     | AR1248ICC050     | 07/08/2025       | 01:25            | PP073570.D | 10.17       | 4.49        |
| AR1254ICC1000    | AR1254ICC1000    | 07/08/2025       | 01:41            | PP073571.D | 10.18       | 4.49        |
| AR1254ICC750     | AR1254ICC750     | 07/08/2025       | 01:57            | PP073572.D | 10.18       | 4.49        |
| AR1254ICC500     | AR1254ICC500     | 07/08/2025       | 02:14            | PP073573.D | 10.17       | 4.49        |
| AR1254ICC250     | AR1254ICC250     | 07/08/2025       | 02:30            | PP073574.D | 10.18       | 4.49        |
| AR1254ICC050     | AR1254ICC050     | 07/08/2025       | 02:46            | PP073575.D | 10.18       | 4.49        |
| AR1262ICC500     | AR1262ICC500     | 07/08/2025       | 03:03            | PP073576.D | 10.18       | 4.49        |
| AR1268ICC1000    | AR1268ICC1000    | 07/08/2025       | 03:19            | PP073577.D | 10.18       | 4.49        |
| AR1268ICC750     | AR1268ICC750     | 07/08/2025       | 03:35            | PP073578.D | 10.18       | 4.49        |
| AR1268ICC500     | AR1268ICC500     | 07/08/2025       | 03:52            | PP073579.D | 10.18       | 4.49        |
| AR1268ICC250     | AR1268ICC250     | 07/08/2025       | 04:08            | PP073580.D | 10.17       | 4.49        |
| AR1268ICC050     | AR1268ICC050     | 07/08/2025       | 04:24            | PP073581.D | 10.18       | 4.49        |
| AR1660CCC500     | AR1660CCC500     | 07/15/2025       | 16:08            | PP073804.D | 10.17       | 4.49        |
| IBLK             | IBLK             | 07/15/2025       | 17:13            | PP073808.D | 10.17       | 4.48        |
| PB168852BL       | PB168852BL       | 07/15/2025       | 17:30            | PP073809.D | 10.17       | 4.49        |
| PB168852BS       | PB168852BS       | 07/15/2025       | 17:46            | PP073810.D | 10.17       | 4.49        |
| WC-SOIL-20250711 | Q2592-01         | 07/15/2025       | 18:52            | PP073814.D | 10.17       | 4.49        |
| AR1660CCC500     | AR1660CCC500     | 07/15/2025       | 21:02            | PP073819.D | 10.17       | 4.48        |
| IBLK             | IBLK             | 07/15/2025       | 22:41            | PP073823.D | 10.17       | 4.49        |
| OK-01-071425MS   | Q2598-01MS       | 07/15/2025       | 23:13            | PP073825.D | 10.17       | 4.49        |
| OK-01-071425MSD  | Q2598-01MSD      | 07/15/2025       | 23:30            | PP073826.D | 10.17       | 4.48        |
| AR1660CCC500     | AR1660CCC500     | 07/16/2025       | 04:09            | PP073834.D | 10.17       | 4.49        |
| IBLK             | IBLK             | 07/16/2025       | 05:31            | PP073838.D | 10.17       | 4.48        |

## Analytical Sequence

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Client: <b>PARSONS Engineering of New York, Inc.</b> | SDG No.: <b>Q2592</b>                                                        |
| Project: <b>Con Edison - East River Site 2</b>       | Instrument ID: <b>ECD_P</b>                                                  |
| GC Column: <b>ZB-MR2</b>                             | ID: <b>0.32 (mm)</b> Inst. Calib. Date(s): <b>07/07/2025      07/07/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID        | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK             | IBLK             | 07/07/2025       | 20:30            | PP073553.D | 8.78        | 3.78        |
| AR1660ICC1000    | AR1660ICC1000    | 07/07/2025       | 21:03            | PP073554.D | 8.78        | 3.78        |
| AR1660ICC750     | AR1660ICC750     | 07/07/2025       | 21:19            | PP073555.D | 8.78        | 3.78        |
| AR1660ICC500     | AR1660ICC500     | 07/07/2025       | 21:35            | PP073556.D | 8.78        | 3.78        |
| AR1660ICC250     | AR1660ICC250     | 07/07/2025       | 21:52            | PP073557.D | 8.78        | 3.78        |
| AR1660ICC050     | AR1660ICC050     | 07/07/2025       | 22:08            | PP073558.D | 8.78        | 3.78        |
| AR1221ICC500     | AR1221ICC500     | 07/07/2025       | 22:24            | PP073559.D | 8.78        | 3.78        |
| AR1232ICC500     | AR1232ICC500     | 07/07/2025       | 22:41            | PP073560.D | 8.78        | 3.78        |
| AR1242ICC1000    | AR1242ICC1000    | 07/07/2025       | 22:57            | PP073561.D | 8.78        | 3.78        |
| AR1242ICC750     | AR1242ICC750     | 07/07/2025       | 23:14            | PP073562.D | 8.78        | 3.78        |
| AR1242ICC500     | AR1242ICC500     | 07/07/2025       | 23:30            | PP073563.D | 8.78        | 3.78        |
| AR1242ICC250     | AR1242ICC250     | 07/07/2025       | 23:46            | PP073564.D | 8.78        | 3.78        |
| AR1242ICC050     | AR1242ICC050     | 07/08/2025       | 00:03            | PP073565.D | 8.78        | 3.78        |
| AR1248ICC1000    | AR1248ICC1000    | 07/08/2025       | 00:19            | PP073566.D | 8.78        | 3.78        |
| AR1248ICC750     | AR1248ICC750     | 07/08/2025       | 00:35            | PP073567.D | 8.78        | 3.78        |
| AR1248ICC500     | AR1248ICC500     | 07/08/2025       | 00:52            | PP073568.D | 8.78        | 3.78        |
| AR1248ICC250     | AR1248ICC250     | 07/08/2025       | 01:08            | PP073569.D | 8.78        | 3.78        |
| AR1248ICC050     | AR1248ICC050     | 07/08/2025       | 01:25            | PP073570.D | 8.78        | 3.78        |
| AR1254ICC1000    | AR1254ICC1000    | 07/08/2025       | 01:41            | PP073571.D | 8.78        | 3.78        |
| AR1254ICC750     | AR1254ICC750     | 07/08/2025       | 01:57            | PP073572.D | 8.78        | 3.78        |
| AR1254ICC500     | AR1254ICC500     | 07/08/2025       | 02:14            | PP073573.D | 8.78        | 3.78        |
| AR1254ICC250     | AR1254ICC250     | 07/08/2025       | 02:30            | PP073574.D | 8.78        | 3.78        |
| AR1254ICC050     | AR1254ICC050     | 07/08/2025       | 02:46            | PP073575.D | 8.78        | 3.78        |
| AR1262ICC500     | AR1262ICC500     | 07/08/2025       | 03:03            | PP073576.D | 8.78        | 3.78        |
| AR1268ICC1000    | AR1268ICC1000    | 07/08/2025       | 03:19            | PP073577.D | 8.78        | 3.78        |
| AR1268ICC750     | AR1268ICC750     | 07/08/2025       | 03:35            | PP073578.D | 8.78        | 3.78        |
| AR1268ICC500     | AR1268ICC500     | 07/08/2025       | 03:52            | PP073579.D | 8.78        | 3.78        |
| AR1268ICC250     | AR1268ICC250     | 07/08/2025       | 04:08            | PP073580.D | 8.78        | 3.78        |
| AR1268ICC050     | AR1268ICC050     | 07/08/2025       | 04:24            | PP073581.D | 8.78        | 3.78        |
| AR1660CCC500     | AR1660CCC500     | 07/15/2025       | 16:08            | PP073804.D | 8.78        | 3.78        |
| IBLK             | IBLK             | 07/15/2025       | 17:13            | PP073808.D | 8.78        | 3.78        |
| PB168852BL       | PB168852BL       | 07/15/2025       | 17:30            | PP073809.D | 8.78        | 3.78        |
| PB168852BS       | PB168852BS       | 07/15/2025       | 17:46            | PP073810.D | 8.78        | 3.78        |
| WC-SOIL-20250711 | Q2592-01         | 07/15/2025       | 18:52            | PP073814.D | 8.78        | 3.78        |
| AR1660CCC500     | AR1660CCC500     | 07/15/2025       | 21:02            | PP073819.D | 8.77        | 3.78        |
| IBLK             | IBLK             | 07/15/2025       | 22:41            | PP073823.D | 8.78        | 3.78        |
| OK-01-071425MS   | Q2598-01MS       | 07/15/2025       | 23:13            | PP073825.D | 8.77        | 3.78        |
| OK-01-071425MSD  | Q2598-01MSD      | 07/15/2025       | 23:30            | PP073826.D | 8.77        | 3.78        |
| AR1660CCC500     | AR1660CCC500     | 07/16/2025       | 04:09            | PP073834.D | 8.77        | 3.78        |
| IBLK             | IBLK             | 07/16/2025       | 05:31            | PP073838.D | 8.77        | 3.78        |





# QC SAMPLE DATA

## Report of Analysis

|                    |                                       |          |                    |            |           |
|--------------------|---------------------------------------|----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    |            |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     |            |           |
| Client Sample ID:  | PB168852BL                            |          | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | PB168852BL                            |          | Matrix:            | SOIL       |           |
| Analytical Method: | 8082A                                 |          | % Solid:           | 100        | Decanted: |
| Sample Wt/Vol:     | 30.01                                 | Units: g | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |          | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |            |           |
| Prep Method :      | SW3541B                               |          |                    |            |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073809.D        | 1         | 07/15/25 08:40 | 07/15/25 17:30 | PB168852      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 17.0  | U         | 3.90     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.0  | U         | 4.00     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 17.0  | U         | 3.70     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 17.0  | U         | 4.00     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.0  | U         | 5.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 17.0  | U         | 3.20     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.0  | U         | 5.00     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 17.0  | U         | 3.60     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 17.0  | U         | 3.20     | 17.0       | ug/kg             |
| Total PCBs        | Total PCBs           | 17.0  | U         | 5.90     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.6  |           | 32 - 144 | 98%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |           | 32 - 175 | 106%       | SPK: 20           |

### Comments:

U = Not Detected

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E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |            |           |
|--------------------|---------------------------------------|-----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/07/25   |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/07/25   |           |
| Client Sample ID:  | PIBLK-PP073553.D                      |           | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | I.BLK-PP073553.D                      |           | Matrix:            | WATER      |           |
| Analytical Method: | 8082A                                 |           | % Solid:           | 0          | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |           | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |            |           |
| Prep Method :      | 5030                                  |           |                    |            |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073553.D        | 1         |           | 07/07/25      | pp070825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.50  | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.50  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.50  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.50  | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.50  | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.50  | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.50  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.2  |           | 60 - 140 | 81%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.1  |           | 60 - 140 | 85%        | SPK: 20 |

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\* = Values outside of QC limits

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## Report of Analysis

|                    |                                       |           |                    |            |           |
|--------------------|---------------------------------------|-----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/15/25   |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/15/25   |           |
| Client Sample ID:  | PIBLK-PP073808.D                      |           | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | I.BLK-PP073808.D                      |           | Matrix:            | WATER      |           |
| Analytical Method: | 8082A                                 |           | % Solid:           | 0          | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |           | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |            |           |
| Prep Method :      | 5030                                  |           |                    |            |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073808.D        | 1         |           | 07/15/25      | pp071525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.50  | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.50  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.50  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.50  | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.50  | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.50  | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.50  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.3  |           | 60 - 140 | 91%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.7  |           | 60 - 140 | 99%        | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |            |           |
|--------------------|---------------------------------------|-----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/15/25   |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/15/25   |           |
| Client Sample ID:  | PIBLK-PP073823.D                      |           | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | I.BLK-PP073823.D                      |           | Matrix:            | WATER      |           |
| Analytical Method: | 8082A                                 |           | % Solid:           | 0          | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |           | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |            |           |
| Prep Method :      | 5030                                  |           |                    |            |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073823.D        | 1         |           | 07/15/25      | pp071525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.50  | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.50  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.50  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.50  | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.50  | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.50  | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.50  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.1  |           | 60 - 140 | 90%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.7  |           | 60 - 140 | 89%        | SPK: 20 |

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## Report of Analysis

|                    |                                       |           |                    |            |           |
|--------------------|---------------------------------------|-----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/16/25   |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/16/25   |           |
| Client Sample ID:  | PIBLK-PP073838.D                      |           | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | I.BLK-PP073838.D                      |           | Matrix:            | WATER      |           |
| Analytical Method: | 8082A                                 |           | % Solid:           | 0          | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |           | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |            |           |
| Prep Method :      | 5030                                  |           |                    |            |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP073838.D        | 1         |           | 07/16/25      | pp071525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.50  | U         | 0.097    | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.50  | U         | 0.13     | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.50  | U         | 0.096    | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.50  | U         | 0.12     | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.50  | U         | 0.071    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.50  | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.50  | U         | 0.081    | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.50  | U         | 0.14     | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.50  | U         | 0.11     | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 17.8  |           | 60 - 140 | 89%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.1  |           | 60 - 140 | 90%        | SPK: 20 |

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## Report of Analysis

|                    |                                       |          |                    |            |           |
|--------------------|---------------------------------------|----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    |            |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     |            |           |
| Client Sample ID:  | PB168852BS                            |          | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | PB168852BS                            |          | Matrix:            | SOIL       |           |
| Analytical Method: | 8082A                                 |          | % Solid:           | 100        | Decanted: |
| Sample Wt/Vol:     | 30.02                                 | Units: g | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |          | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |            |           |
| Prep Method :      | SW3541B                               |          |                    |            |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073810.D        | 1         | 07/15/25 08:40 | 07/15/25 17:46 | PB168852      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 162   |           | 3.90     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.0  | U         | 4.00     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 17.0  | U         | 3.70     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 17.0  | U         | 4.00     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.0  | U         | 5.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 17.0  | U         | 3.20     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.0  | U         | 5.00     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 17.0  | U         | 3.60     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 158   |           | 3.20     | 17.0       | ug/kg             |
| Total PCBs        | Total PCBs           | 320   |           | 7.10     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.4  |           | 32 - 144 | 102%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.9  |           | 32 - 175 | 110%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |          |                    |            |           |
|--------------------|---------------------------------------|----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/14/25   |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/14/25   |           |
| Client Sample ID:  | OK-01-071425MS                        |          | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | Q2598-01MS                            |          | Matrix:            | SOIL       |           |
| Analytical Method: | 8082A                                 |          | % Solid:           | 96.8       | Decanted: |
| Sample Wt/Vol:     | 30.07                                 | Units: g | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |          | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |            |           |
| Prep Method :      | SW3541B                               |          |                    |            |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073825.D        | 1         | 07/15/25 08:40 | 07/15/25 23:13 | PB168852      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 154   |           | 4.10     | 17.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.5  | U         | 4.20     | 17.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 17.5  | U         | 3.80     | 17.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 17.5  | U         | 4.10     | 17.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.5  | U         | 6.10     | 17.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 17.5  | U         | 3.30     | 17.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.5  | U         | 5.20     | 17.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 17.5  | U         | 3.70     | 17.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 143   |           | 3.30     | 17.5       | ug/kg             |
| Total PCBs        | Total PCBs           | 297   |           | 7.40     | 17.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.9  |           | 32 - 144 | 94%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |           | 32 - 175 | 100%       | SPK: 20           |

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() = Laboratory InHouse Limit



## Report of Analysis

|                    |                                       |          |                    |            |           |
|--------------------|---------------------------------------|----------|--------------------|------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/14/25   |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/14/25   |           |
| Client Sample ID:  | OK-01-071425MSD                       |          | SDG No.:           | Q2592      |           |
| Lab Sample ID:     | Q2598-01MSD                           |          | Matrix:            | SOIL       |           |
| Analytical Method: | 8082A                                 |          | % Solid:           | 96.8       | Decanted: |
| Sample Wt/Vol:     | 30.02                                 | Units: g | Final Vol:         | 10000      | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | PCB Group1 |           |
| Extraction Type:   |                                       |          | Injection Volume : |            |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |            |           |
| Prep Method :      | SW3541B                               |          |                    |            |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP073826.D        | 1         | 07/15/25 08:40 | 07/15/25 23:30 | PB168852      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 162   |           | 4.10     | 17.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.6  | U         | 4.20     | 17.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 17.6  | U         | 3.80     | 17.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 17.6  | U         | 4.10     | 17.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.6  | U         | 6.10     | 17.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 17.6  | U         | 3.30     | 17.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.6  | U         | 5.20     | 17.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 17.6  | U         | 3.70     | 17.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 150   |           | 3.30     | 17.6       | ug/kg             |
| Total PCBs        | Total PCBs           | 312   |           | 7.40     | 17.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.2  |           | 32 - 144 | 106%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.9  |           | 32 - 175 | 110%       | SPK: 20           |

### Comments:

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() = Laboratory InHouse Limit

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID    | ClientID         | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q2592-01 | WC-SOIL-20250711 | SOIL   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | PCB Group1     | 8082A  |             | 07/15/25  | 07/15/25  |          |
|          |                  |        | TPH GC         | 8015D  |             | 07/17/25  | 07/18/25  |          |
| Q2592-02 | WC-SOIL-20250711 | TCLP   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | TCLP Herbicide | 8151A  |             | 07/16/25  | 07/17/25  |          |

**Hit Summary Sheet**  
SW-846

**SDG No.:** Q2592

**Order ID:** Q2592

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

**Project ID:** Con Edison - East River Site 2

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

**Total Concentration:** 0.000



# SAMPLE DATA

A

B

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## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/16/25       |           |
| Client Sample ID:  | PB168847TB                            |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | PB168847TB                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 8151A                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031130.D        | 1         | 07/16/25 10:39 | 07/18/25 13:53 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 20.0  | U         | 9.20     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 20.0  | U         | 7.80     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 548   |           | 61 - 136 | 110%       | SPK: 500 |

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02                              |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | 8151A                                 |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031114.D        | 1         | 07/16/25 10:39 | 07/17/25 22:50 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 20.0  | U         | 9.20     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 20.0  | U         | 7.80     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 365   |           | 61 - 136 | 73%        | SPK: 500 |

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# QC SUMMARY

A

B

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### Surrogate Summary

SDG No.: Q2592

Client: PARSONS Engineering of New York, Inc.

Analytical Method: 8151A

| Lab Sample ID    | Client ID           | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|---------------------|-----------|--------|-------|--------|-------------|------|-----------|------|
|                  |                     |           |        |       |        |             |      | Low       | High |
| I.BLK-PS031005.D | PIBLK-PS031005.D    | 2,4-DCAA  | 1      | 500   | 356    | 71          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 496    | 99          |      | 61        | 136  |
| I.BLK-PS031109.D | PIBLK-PS031109.D    | 2,4-DCAA  | 1      | 500   | 468    | 94          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 494    | 99          |      | 61        | 136  |
| PB168886BL       | PB168886BL          | 2,4-DCAA  | 1      | 500   | 479    | 96          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 537    | 107         |      | 61        | 136  |
| Q2592-02         | WC-SOIL-20250711    | 2,4-DCAA  | 1      | 500   | 340    | 68          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 365    | 73          |      | 61        | 136  |
| Q2592-02MS       | WC-SOIL-20250711MS  | 2,4-DCAA  | 1      | 500   | 457    | 91          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 453    | 91          |      | 61        | 136  |
| Q2592-02MSD      | WC-SOIL-20250711MSD | 2,4-DCAA  | 1      | 500   | 448    | 90          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 439    | 88          |      | 61        | 136  |
| I.BLK-PS031122.D | PIBLK-PS031122.D    | 2,4-DCAA  | 1      | 500   | 469    | 94          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 495    | 99          |      | 61        | 136  |
| I.BLK-PS031125.D | PIBLK-PS031125.D    | 2,4-DCAA  | 1      | 500   | 462    | 92          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 501    | 100         |      | 61        | 136  |
| PB168847TB       | PB168847TB          | 2,4-DCAA  | 1      | 500   | 510    | 102         |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 548    | 110         |      | 61        | 136  |
| I.BLK-PS031131.D | PIBLK-PS031131.D    | 2,4-DCAA  | 1      | 500   | 472    | 94          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 505    | 101         |      | 61        | 136  |
| I.BLK-PS031156.D | PIBLK-PS031156.D    | 2,4-DCAA  | 1      | 500   | 397    | 79          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 504    | 101         |      | 61        | 136  |
| I.BLK-PS031163.D | PIBLK-PS031163.D    | 2,4-DCAA  | 1      | 500   | 397    | 79          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 496    | 99          |      | 61        | 136  |
| PB168886BS       | PB168886BS          | 2,4-DCAA  | 1      | 500   | 511    | 102         |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 506    | 101         |      | 61        | 136  |
| I.BLK-PS031169.D | PIBLK-PS031169.D    | 2,4-DCAA  | 1      | 500   | 406    | 81          |      | 61        | 136  |
|                  |                     | 2,4-DCAA  | 2      | 500   | 500    | 100         |      | 61        | 136  |



### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PS031115.D</u> |

|                       |                   | Sample |                          |                           |     | Rec  |     | RPD  |     | Limits |     |
|-----------------------|-------------------|--------|--------------------------|---------------------------|-----|------|-----|------|-----|--------|-----|
| Parameter             | Spike             | Result | Result                   | Units                     | Rec | Qual | RPD | Qual | Low | High   | RPD |
| <b>Lab Sample ID:</b> | <b>Q2592-02MS</b> |        | <b>Client Sample ID:</b> | <b>WC-SOIL-20250711MS</b> |     |      |     |      |     |        |     |
| (Column 1)            |                   |        |                          |                           |     |      |     |      |     |        |     |
| 2,4-D                 | 50                | 0      | 69.7                     | ug/L                      | 139 | *    |     |      | 65  | 135    |     |
| 2,4,5-TP(Silvex)      | 50                | 0      | 63.0                     | ug/L                      | 126 |      |     |      | 62  | 139    |     |
| <b>Lab Sample ID:</b> | <b>Q2592-02MS</b> |        | <b>Client Sample ID:</b> | <b>WC-SOIL-20250711MS</b> |     |      |     |      |     |        |     |
| (Column 2)            |                   |        |                          |                           |     |      |     |      |     |        |     |
| 2,4-D                 | 50                | 0      | 55.3                     | ug/L                      | 111 |      |     |      | 65  | 135    |     |
| 2,4,5-TP(Silvex)      | 50                | 0      | 54.2                     | ug/L                      | 108 |      |     |      | 62  | 139    |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>DataFile :</b>         | <u>PS031116.D</u> |

|                       |                    | Sample |                          |                            |     | Rec  |     | RPD  |     | Limits |     |
|-----------------------|--------------------|--------|--------------------------|----------------------------|-----|------|-----|------|-----|--------|-----|
| Parameter             | Spike              | Result | Result                   | Units                      | Rec | Qual | RPD | Qual | Low | High   | RPD |
| <b>Lab Sample ID:</b> | <b>Q2592-02MSD</b> |        | <b>Client Sample ID:</b> | <b>WC-SOIL-20250711MSD</b> |     |      |     |      |     |        |     |
| (Column 1)            |                    |        |                          |                            |     |      |     |      |     |        |     |
| 2,4-D                 | 50                 | 0      | 70.1                     | ug/L                       | 140 | *    | 1   |      | 65  | 135    | 20  |
| 2,4,5-TP(Silvex)      | 50                 | 0      | 63.5                     | ug/L                       | 127 |      | 1   |      | 62  | 139    | 20  |
| <b>Lab Sample ID:</b> | <b>Q2592-02MSD</b> |        | <b>Client Sample ID:</b> | <b>WC-SOIL-20250711MSD</b> |     |      |     |      |     |        |     |
| (Column 2)            |                    |        |                          |                            |     |      |     |      |     |        |     |
| 2,4-D                 | 50                 | 0      | 55.8                     | ug/L                       | 112 |      | 1   |      | 65  | 135    | 20  |
| 2,4,5-TP(Silvex)      | 50                 | 0      | 52.6                     | ug/L                       | 105 |      | 3   |      | 62  | 139    | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                                             |                           |                   |
|-----------------|---------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2592</u>                                | <b>Analytical Method:</b> | <u>8151A</u>      |
| <b>Client:</b>  | <u>PARSONS Engineering of New York, Inc</u> | <b>Datafile :</b>         | <u>PS031168.D</u> |

| Lab Sample ID            | Parameter        | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |                  |       |        |       |     |     |      | Qual |     | High   |     |
| PB168886BS<br>(Column 1) | 2,4-D            | 5     | 4.90   | ug/L  | 98  |     |      |      | 83  | 130    |     |
|                          | 2,4,5-TP(Silvex) | 5     | 4.90   | ug/L  | 98  |     |      |      | 78  | 127    |     |
| PB168886BS<br>(Column 2) | 2,4-D            | 5     | 4.80   | ug/L  | 96  |     |      |      | 83  | 130    |     |
|                          | 2,4,5-TP(Silvex) | 5     | 4.90   | ug/L  | 98  |     |      |      | 78  | 127    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168886BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168886BL

Lab File ID: PS031111.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/16/2025

Date Analyzed (1): 07/17/2025

Date Analyzed (2): 07/17/2025

Time Analyzed (1): 21:38

Time Analyzed (2): 21:38

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 ID: 0.32 (mm)

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

| EPA<br>SAMPLE NO.   | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|---------------------|------------------|----------------|--------------------|--------------------|
| WC-SOIL-20250711    | Q2592-02         | PS031114.D     | 07/17/2025         | 07/17/2025         |
| WC-SOIL-20250711MS  | Q2592-02MS       | PS031115.D     | 07/17/2025         | 07/17/2025         |
| WC-SOIL-20250711MSD | Q2592-02MSD      | PS031116.D     | 07/17/2025         | 07/17/2025         |
| PB168847TB          | PB168847TB       | PS031130.D     | 07/18/2025         | 07/18/2025         |
| PB168886BS          | PB168886BS       | PS031168.D     | 07/21/2025         | 07/21/2025         |

COMMENTS: \_\_\_\_\_



# QC SAMPLE DATA

A

B

C

D

E

F

G

H

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     |                |           |
| Client Sample ID:  | PB168886BL                            |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | PB168886BL                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031111.D        | 1         | 07/16/25 10:39 | 07/17/25 21:38 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 537   |           | 61 - 136 | 107%       | SPK: 500 |

### Comments:

U = Not Detected

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E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | PIBLK-PS031005.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031005.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031005.D        | 1         |           | 07/11/25      | PS071125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 496   |           | 61 - 136 | 99%        | SPK: 500 |

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/17/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/17/25       |           |
| Client Sample ID:  | PIBLK-PS031109.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031109.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031109.D        | 1         |           | 07/17/25      | ps071725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 494   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

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\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PS031122.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031122.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031122.D        | 1         |           | 07/18/25      | ps071725      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 495   |           | 61 - 136 | 99%        | SPK: 500 |

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\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PS031125.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031125.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031125.D        | 1         |           | 07/18/25      | PS071825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 501   |           | 61 - 136 | 100%       | SPK: 500 |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25       |           |
| Client Sample ID:  | PIBLK-PS031131.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031131.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031131.D        | 1         |           | 07/18/25      | ps071825      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 505   |           | 61 - 136 | 101%       | SPK: 500 |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/21/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/21/25       |           |
| Client Sample ID:  | PIBLK-PS031156.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031156.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031156.D        | 1         |           | 07/21/25      | ps072125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 504   |           | 61 - 136 | 101%       | SPK: 500 |

### Comments:

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/21/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/21/25       |           |
| Client Sample ID:  | PIBLK-PS031163.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031163.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031163.D        | 1         |           | 07/21/25      | ps072125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 496   |           | 61 - 136 | 99%        | SPK: 500 |

### Comments:

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/21/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/21/25       |           |
| Client Sample ID:  | PIBLK-PS031169.D                      |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | I.BLK-PS031169.D                      |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031169.D        | 1         |           | 07/21/25      | ps072125      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 2.00  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 2.00  | U         | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 500   |           | 61 - 136 | 100%       | SPK: 500 |

### Comments:

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\* = Values outside of QC limits

D = Dilution

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |
|--------------------|---------------------------------------|-----------|--------------------|----------------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    |                |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     |                |
| Client Sample ID:  | PB168886BS                            |           | SDG No.:           | Q2592          |
| Lab Sample ID:     | PB168886BS                            |           | Matrix:            | TCLP           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Decanted:          |                |
| Soil Aliquot Vol:  |                                       | uL        | Final Vol:         | 10000 uL       |
| Extraction Type:   |                                       |           | Test:              | TCLP Herbicide |
| GPC Factor :       | 1.0                                   | PH :      | Injection Volume : |                |
| Prep Method :      | SW3510C                               |           |                    |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031168.D        | 1         | 07/16/25 10:39 | 07/21/25 19:28 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 4.90  |           | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 4.90  |           | 0.78     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 511   |           | 61 - 136 | 102%       | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711MS                    |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02MS                            |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031115.D        | 1         | 07/16/25 10:39 | 07/17/25 23:14 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 69.7  |           | 9.20     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 63.0  |           | 7.80     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 457   |           | 61 - 136 | 91%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                                       |           |                    |                |           |
|--------------------|---------------------------------------|-----------|--------------------|----------------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/11/25       |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/11/25       |           |
| Client Sample ID:  | WC-SOIL-20250711MSD                   |           | SDG No.:           | Q2592          |           |
| Lab Sample ID:     | Q2592-02MSD                           |           | Matrix:            | TCLP           |           |
| Analytical Method: | 8151A                                 |           | % Solid:           | 0              | Decanted: |
| Sample Wt/Vol:     | 100                                   | Units: mL | Final Vol:         | 10000          | uL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TCLP Herbicide |           |
| Extraction Type:   |                                       |           | Injection Volume : |                |           |
| GPC Factor :       | 1.0                                   | PH :      |                    |                |           |
| Prep Method :      | SW3510C                               |           |                    |                |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS031116.D        | 1         | 07/16/25 10:39 | 07/17/25 23:39 | PB168886      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 94-75-7           | 2,4-D             | 70.1  |           | 9.20     | 20.0       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 63.5  |           | 7.80     | 20.0       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 448   |           | 61 - 136 | 90%        | SPK: 500 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# CALIBRATION SUMMARY

A

B

C

D

E

F

G

H

# RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>PARS02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q2592</u>                        |
| <b>Instrument ID:</b> | <u>ECD_S</u>    | <b>Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>16:00</u> <u>17:36</u>           |

GC Column: RTX-CLP ID: 0.32 (mm)

|                                   |                                    |                                    |
|-----------------------------------|------------------------------------|------------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 200 =</b> <u>PS031006.D</u>  | <b>RT 500 =</b> <u>PS031007.D</u>  |
| <b>RT 750 =</b> <u>PS031008.D</u> | <b>RT 1000 =</b> <u>PS031009.D</u> | <b>RT 1500 =</b> <u>PS031010.D</u> |

| COMPOUND         | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN<br>RT | RT WINDOW<br>FROM TO |      |
|------------------|--------|--------|--------|---------|---------|------------|----------------------|------|
| 2,4,5-TP(Silvex) | 9.35   | 9.35   | 9.35   | 9.35    | 9.35    | 9.35       | 9.25                 | 9.45 |
| 2,4-D            | 8.47   | 8.47   | 8.47   | 8.47    | 8.47    | 8.47       | 8.37                 | 8.57 |
| 2,4-DCAA         | 7.33   | 7.33   | 7.33   | 7.33    | 7.33    | 7.33       | 7.23                 | 7.43 |

# RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>PARS02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q2592</u>                        |
| <b>Instrument ID:</b> | <u>ECD_S</u>    | <b>Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>16:00</u> <u>17:36</u>           |

GC Column: RTX-CLP2 ID: 0.32 (mm)

|                                   |                                    |                                    |
|-----------------------------------|------------------------------------|------------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 200 =</b> <u>PS031006.D</u>  | <b>RT 500 =</b> <u>PS031007.D</u>  |
| <b>RT 750 =</b> <u>PS031008.D</u> | <b>RT 1000 =</b> <u>PS031009.D</u> | <b>RT 1500 =</b> <u>PS031010.D</u> |

| COMPOUND         | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN<br>RT | RT WINDOW<br>FROM TO |       |
|------------------|--------|--------|--------|---------|---------|------------|----------------------|-------|
| 2,4,5-TP(Silvex) | 9.93   | 9.93   | 9.93   | 9.93    | 9.93    | 9.93       | 9.83                 | 10.03 |
| 2,4-D            | 9.03   | 9.03   | 9.03   | 9.03    | 9.03    | 9.03       | 8.93                 | 9.13  |
| 2,4-DCAA         | 7.77   | 7.77   | 7.77   | 7.77    | 7.77    | 7.77       | 7.67                 | 7.87  |

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/11/2025 07/11/2025  
Calibration Times: 16:00 17:36

GC Column: RTX-CLP ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS031006.D</u> | CF 500 =          | <u>PS031007.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS031008.D</u> | CF 1000 =         | <u>PS031009.D</u> | CF 1500 =         | <u>PS031010.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-TP(Silvex) | 20737500000 | 18270800000       | 18189000000       | 18194100000       | 17662300000       | 18610700000       | 7     |
| 2,4-D            | 3556670000  | 2984170000        | 2931980000        | 2976850000        | 2942510000        | 3078440000        | 9     |
| 2,4-DCAA         | 4821770000  | 3910250000        | 3755950000        | 3730170000        | 3557220000        | 3955070000        | 13    |

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/11/2025 07/11/2025  
Calibration Times: 16:00 17:36

GC Column: RTX-CLP2 ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS031006.D</u> | CF 500 =          | <u>PS031007.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS031008.D</u> | CF 1000 =         | <u>PS031009.D</u> | CF 1500 =         | <u>PS031010.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-TP(Silvex) | 17216300000 | 14510800000       | 14174600000       | 14131100000       | 13346200000       | 14675800000       | 10    |
| 2,4-D            | 2058060000  | 1665160000        | 1617550000        | 1610710000        | 1545850000        | 1699460000        | 12    |
| 2,4-DCAA         | 1258080000  | 1011280000        | 984071000         | 981302000         | 945431000         | 1036030000        | 12    |

# RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>PARS02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q2592</u>                        |
| <b>Instrument ID:</b> | <u>ECD_S</u>    | <b>Calibration Date(s):</b> | <u>07/21/2025</u> <u>07/21/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>15:02</u> <u>16:39</u>           |

GC Column: RTX-CLP ID: 0.32 (mm)

|                                   |                                    |                                    |
|-----------------------------------|------------------------------------|------------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 200 =</b> <u>PS031157.D</u>  | <b>RT 500 =</b> <u>PS031158.D</u>  |
| <b>RT 750 =</b> <u>PS031159.D</u> | <b>RT 1000 =</b> <u>PS031160.D</u> | <b>RT 1500 =</b> <u>PS031161.D</u> |

| COMPOUND         | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN<br>RT | RT WINDOW<br>FROM TO |      |
|------------------|--------|--------|--------|---------|---------|------------|----------------------|------|
| 2,4,5-TP(Silvex) | 9.34   | 9.34   | 9.34   | 9.34    | 9.34    | 9.34       | 9.24                 | 9.44 |
| 2,4-D            | 8.46   | 8.46   | 8.46   | 8.46    | 8.46    | 8.46       | 8.36                 | 8.56 |
| 2,4-DCAA         | 7.33   | 7.33   | 7.33   | 7.33    | 7.33    | 7.33       | 7.23                 | 7.43 |

# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>PARS02</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q2592</u>                        |
| Instrument ID: | <u>ECD_S</u>    | Calibration Date(s): | <u>07/21/2025</u> <u>07/21/2025</u> |
|                |                 | Calibration Times:   | <u>15:02</u> <u>16:39</u>           |

GC Column: RTX-CLP2 ID: 0.32 (mm)

|              |                            |                             |
|--------------|----------------------------|-----------------------------|
| LAB FILE ID: | RT 200 = <u>PS031157.D</u> | RT 500 = <u>PS031158.D</u>  |
|              | RT 750 = <u>PS031159.D</u> | RT 1000 = <u>PS031160.D</u> |
|              |                            | RT 1500 = <u>PS031161.D</u> |

| COMPOUND         | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN<br>RT | RT WINDOW<br>FROM TO |       |
|------------------|--------|--------|--------|---------|---------|------------|----------------------|-------|
| 2,4,5-TP(Silvex) | 9.93   | 9.93   | 9.93   | 9.93    | 9.93    | 9.93       | 9.83                 | 10.03 |
| 2,4-D            | 9.03   | 9.03   | 9.02   | 9.03    | 9.02    | 9.03       | 8.93                 | 9.13  |
| 2,4-DCAA         | 7.77   | 7.77   | 7.77   | 7.77    | 7.77    | 7.77       | 7.67                 | 7.87  |



CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/21/2025 07/21/2025  
Calibration Times: 15:02 16:39

GC Column: RTX-CLP ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS031157.D</u> | CF 500 =          | <u>PS031158.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS031159.D</u> | CF 1000 =         | <u>PS031160.D</u> | CF 1500 =         | <u>PS031161.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-TP(Silvex) | 24592600000 | 22780000000       | 21638700000       | 20857200000       | 19899400000       | 21953600000       | 8     |
| 2,4-D            | 4193860000  | 3820730000        | 3654460000        | 3552490000        | 3453030000        | 3734920000        | 8     |
| 2,4-DCAA         | 5091100000  | 4403340000        | 4248720000        | 4081100000        | 3917010000        | 4348250000        | 10    |

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_S

Contract: PARS02  
SDG NO.: Q2592

Calibration Date(s): 07/21/2025 07/21/2025  
Calibration Times: 15:02 16:39

GC Column: RTX-CLP2 ID: 0.32 (mm)

| LAB FILE ID:     |             | CF 200 =          | <u>PS031157.D</u> | CF 500 =          | <u>PS031158.D</u> |                   |       |
|------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 750 =         |             | <u>PS031159.D</u> | CF 1000 =         | <u>PS031160.D</u> | CF 1500 =         | <u>PS031161.D</u> |       |
| COMPOUND         | CF 200      | CF 500            | CF 750            | CF 1000           | CF 1500           | CF                | % RSD |
| 2,4,5-TP(Silvex) | 16137400000 | 15454900000       | 14840900000       | 14348100000       | 13689700000       | 14894200000       | 6     |
| 2,4-D            | 1930260000  | 1742600000        | 1656200000        | 1604210000        | 1558320000        | 1698320000        | 9     |
| 2,4-DCAA         | 1147310000  | 1039810000        | 988394000         | 963101000         | 936229000         | 1014970000        | 8     |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/17/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>21:13</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| 2,4-D            | 8.46       | 8.47      | 8.37      | 8.57 | 0.01       |
| 2,4,5-TP(Silvex) | 9.35       | 9.35      | 9.25      | 9.45 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/17/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>21:13</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67      | 7.87  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93      | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/17/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031110.D **Time Analyzed:** 21:13

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| 2,4,5-TP(Silvex) | 9.347 | 9.253                | 9.453 | 747.360            | 712.500           | 4.9   |
| 2,4-D            | 8.461 | 8.367                | 8.567 | 784.350            | 705.000           | 11.3  |
| 2,4-DCAA         | 7.327 | 7.233                | 7.433 | 643.930            | 750.000           | -14.1 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/17/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031110.D **Time Analyzed:** 21:13

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|----------------------|--------|--------------------|-------------------|-------|
| 2,4,5-TP(Silvex) | 9.931 | 9.832                | 10.032 | 611.560            | 712.500           | -14.2 |
| 2,4-D            | 9.027 | 8.927                | 9.127  | 595.250            | 705.000           | -15.6 |
| 2,4-DCAA         | 7.768 | 7.669                | 7.869  | 624.760            | 750.000           | -16.7 |

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Continuing Calib Date: 07/18/2025

Initial Calibration Date(s): 07/11/2025 07/11/2025

Continuing Calib Time: 02:27

Initial Calibration Time(s): 16:00 17:36

GC Column: RTX-CLP ID: 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|------------------|------------|-----------|------------------------|------|------------|
| 2,4-DCAA         | 7.33       | 7.33      | 7.23                   | 7.43 | 0.00       |
| 2,4-D            | 8.46       | 8.47      | 8.37                   | 8.57 | 0.01       |
| 2,4,5-TP(Silvex) | 9.35       | 9.35      | 9.25                   | 9.45 | 0.00       |

## CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>02:27</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67      | 7.87  | 0.00       |
| 2,4-D            | 9.03       | 9.03      | 8.93      | 9.13  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031123.D **Time Analyzed:** 02:27

| COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|-----------|-------|--------------------|-------------------|------|
|                  |       | FROM      | TO    |                    |                   |      |
| 2,4,5-TP(Silvex) | 9.345 | 9.253     | 9.453 | 734.610            | 712.500           | 3.1  |
| 2,4-D            | 8.460 | 8.367     | 8.567 | 770.900            | 705.000           | 9.3  |
| 2,4-DCAA         | 7.327 | 7.233     | 7.433 | 713.140            | 750.000           | -4.9 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031123.D **Time Analyzed:** 02:27

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|----------------------|--------|--------------------|-------------------|-------|
| 2,4,5-TP(Silvex) | 9.931 | 9.832                | 10.032 | 608.020            | 712.500           | -14.7 |
| 2,4-D            | 9.026 | 8.927                | 9.127  | 591.050            | 705.000           | -16.2 |
| 2,4-DCAA         | 7.768 | 7.669                | 7.869  | 616.160            | 750.000           | -17.8 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>11:55</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| 2,4-D            | 8.46       | 8.47      | 8.37      | 8.57 | 0.01       |
| 2,4,5-TP(Silvex) | 9.35       | 9.35      | 9.25      | 9.45 | 0.00       |

## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**Continuing Calib Date:** 07/18/2025 **Initial Calibration Date(s):** 07/11/2025 07/11/2025  
**Continuing Calib Time:** 11:55 **Initial Calibration Time(s):** 16:00 17:36

**GC Column:** RTX-CLP2 **ID:** 0.32 (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.76       | 7.77      | 7.67      | 7.87  | 0.01       |
| 2,4-D            | 9.02       | 9.03      | 8.93      | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031126.D **Time Analyzed:** 11:55

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| 2,4,5-TP(Silvex) | 9.346 | 9.253                | 9.453 | 813.240            | 712.500           | 14.1  |
| 2,4-D            | 8.461 | 8.367                | 8.567 | 982.070            | 705.000           | 39.3  |
| 2,4-DCAA         | 7.327 | 7.233                | 7.433 | 639.190            | 750.000           | -14.8 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031126.D **Time Analyzed:** 11:55

| COMPOUND         | RT    | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|-----------|--------|--------------------|-------------------|-------|
|                  |       | FROM      | TO     |                    |                   |       |
| 2,4,5-TP(Silvex) | 9.926 | 9.832     | 10.032 | 675.120            | 712.500           | -5.2  |
| 2,4-D            | 9.021 | 8.927     | 9.127  | 740.430            | 705.000           | 5.0   |
| 2,4-DCAA         | 7.763 | 7.669     | 7.869  | 658.150            | 750.000           | -12.2 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>15:39</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| 2,4-D            | 8.46       | 8.47      | 8.37      | 8.57 | 0.01       |
| 2,4,5-TP(Silvex) | 9.35       | 9.35      | 9.25      | 9.45 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/18/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/11/2025</u> <u>07/11/2025</u> |
| <b>Continuing Calib Time:</b> | <u>15:39</u>      | <b>Initial Calibration Time(s):</b> | <u>16:00</u> <u>17:36</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.76       | 7.77      | 7.67      | 7.87  | 0.01       |
| 2,4-D            | 9.02       | 9.03      | 8.93      | 9.13  | 0.01       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031132.D **Time Analyzed:** 15:39

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|----------------------|-------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.345 | 9.253                | 9.453 | 770.640            | 712.500           | 8.2  |
| 2,4-D            | 8.459 | 8.367                | 8.567 | 824.550            | 705.000           | 17.0 |
| 2,4-DCAA         | 7.326 | 7.233                | 7.433 | 705.130            | 750.000           | -6.0 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/11/2025 07/11/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/18/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031132.D **Time Analyzed:** 15:39

| COMPOUND         | RT    | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|------------------|-------|-----------|--------|--------------------|-------------------|-------|
|                  |       | FROM      | TO     |                    |                   |       |
| 2,4,5-TP(Silvex) | 9.928 | 9.832     | 10.032 | 642.510            | 712.500           | -9.8  |
| 2,4-D            | 9.023 | 8.927     | 9.127  | 665.480            | 705.000           | -5.6  |
| 2,4-DCAA         | 7.764 | 7.669     | 7.869  | 642.990            | 750.000           | -14.3 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/21/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/21/2025</u> <u>07/21/2025</u> |
| <b>Continuing Calib Time:</b> | <u>17:51</u>      | <b>Initial Calibration Time(s):</b> | <u>15:02</u> <u>16:39</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.32       | 7.33      | 7.23      | 7.43 | 0.01       |
| 2,4-D            | 8.46       | 8.46      | 8.36      | 8.56 | 0.00       |
| 2,4,5-TP(Silvex) | 9.34       | 9.34      | 9.24      | 9.44 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/21/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/21/2025</u> <u>07/21/2025</u> |
| <b>Continuing Calib Time:</b> | <u>17:51</u>      | <b>Initial Calibration Time(s):</b> | <u>15:02</u> <u>16:39</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67      | 7.87  | 0.00       |
| 2,4-D            | 9.02       | 9.02      | 8.92      | 9.12  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/21/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031164.D **Time Analyzed:** 17:51

| COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|-----------|-------|--------------------|-------------------|------|
|                  |       | FROM      | TO    |                    |                   |      |
| 2,4,5-TP(Silvex) | 9.343 | 9.242     | 9.442 | 702.680            | 712.500           | -1.4 |
| 2,4-D            | 8.457 | 8.356     | 8.556 | 689.120            | 705.000           | -2.3 |
| 2,4-DCAA         | 7.324 | 7.225     | 7.425 | 735.310            | 750.000           | -2.0 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 07/21/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031164.D **Time Analyzed:** 17:51

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.929 | 9.829                | 10.029 | 704.050            | 712.500           | -1.2 |
| 2,4-D            | 9.024 | 8.924                | 9.124  | 685.120            | 705.000           | -2.8 |
| 2,4-DCAA         | 7.766 | 7.666                | 7.866  | 730.430            | 750.000           | -2.6 |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/21/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/21/2025</u> <u>07/21/2025</u> |
| <b>Continuing Calib Time:</b> | <u>20:16</u>      | <b>Initial Calibration Time(s):</b> | <u>15:02</u> <u>16:39</u>           |

**GC Column:** RTX-CLP      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|------------------|------------|-----------|-----------|------|------------|
|                  |            |           | FROM      | TO   |            |
| 2,4-DCAA         | 7.32       | 7.33      | 7.23      | 7.43 | 0.01       |
| 2,4-D            | 8.46       | 8.46      | 8.36      | 8.56 | 0.00       |
| 2,4,5-TP(Silvex) | 9.34       | 9.34      | 9.24      | 9.44 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>PARS02</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q2592</u>                        |
| <b>Continuing Calib Date:</b> | <u>07/21/2025</u> | <b>Initial Calibration Date(s):</b> | <u>07/21/2025</u> <u>07/21/2025</u> |
| <b>Continuing Calib Time:</b> | <u>20:16</u>      | <b>Initial Calibration Time(s):</b> | <u>15:02</u> <u>16:39</u>           |

**GC Column:** RTX-CLP2      **ID:** 0.32      (mm)

| COMPOUND         | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|------------------|------------|-----------|-----------|-------|------------|
|                  |            |           | FROM      | TO    |            |
| 2,4-DCAA         | 7.77       | 7.77      | 7.67      | 7.87  | 0.00       |
| 2,4-D            | 9.02       | 9.02      | 8.92      | 9.12  | 0.00       |
| 2,4,5-TP(Silvex) | 9.93       | 9.93      | 9.83      | 10.03 | 0.00       |



### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/21/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031170.D **Time Analyzed:** 20:16

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|----------------------|-------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.342 | 9.242                | 9.442 | 717.590            | 712.500           | 0.7  |
| 2,4-D            | 8.456 | 8.356                | 8.556 | 715.850            | 705.000           | 1.5  |
| 2,4-DCAA         | 7.324 | 7.225                | 7.425 | 745.520            | 750.000           | -0.6 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **SDG NO.:** Q2592  
**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 07/21/2025  
**Lab Sample No.:** HSTDCCC750 **Data File :** PS031170.D **Time Analyzed:** 20:16

| COMPOUND         | RT    | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|------------------|-------|----------------------|--------|--------------------|-------------------|------|
| 2,4,5-TP(Silvex) | 9.929 | 9.829                | 10.029 | 712.950            | 712.500           | 0.1  |
| 2,4-D            | 9.024 | 8.924                | 9.124  | 695.090            | 705.000           | -1.4 |
| 2,4-DCAA         | 7.766 | 7.666                | 7.866  | 737.580            | 750.000           | -1.7 |

## Analytical Sequence

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| Client: <b>PARSONS Engineering of New York, Inc.</b> | SDG No.: <b>Q2592</b>                                                        |
| Project: <b>Con Edison - East River Site 2</b>       | Instrument ID: <b>ECD_S</b>                                                  |
| GC Column: <b>RTX-CLP</b>                            | ID: <b>0.32 (mm)</b> Inst. Calib. Date(s): <b>07/11/2025      07/11/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID           | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|---------------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK                | IBLK             | 07/11/2025       | 15:35            | PS031005.D | 7.33         | 0.00 |
| HSTDICC200          | HSTDICC200       | 07/11/2025       | 16:00            | PS031006.D | 7.33         | 0.00 |
| HSTDICC500          | HSTDICC500       | 07/11/2025       | 16:24            | PS031007.D | 7.33         | 0.00 |
| HSTDICC750          | HSTDICC750       | 07/11/2025       | 16:48            | PS031008.D | 7.33         | 0.00 |
| HSTDICC1000         | HSTDICC1000      | 07/11/2025       | 17:12            | PS031009.D | 7.33         | 0.00 |
| HSTDICC1500         | HSTDICC1500      | 07/11/2025       | 17:36            | PS031010.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/17/2025       | 20:49            | PS031109.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/17/2025       | 21:13            | PS031110.D | 7.33         | 0.00 |
| PB168886BL          | PB168886BL       | 07/17/2025       | 21:38            | PS031111.D | 7.33         | 0.00 |
| WC-SOIL-20250711    | Q2592-02         | 07/17/2025       | 22:50            | PS031114.D | 7.33         | 0.00 |
| WC-SOIL-20250711MS  | Q2592-02MS       | 07/17/2025       | 23:14            | PS031115.D | 7.33         | 0.00 |
| WC-SOIL-20250711MSD | Q2592-02MSD      | 07/17/2025       | 23:39            | PS031116.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 02:02            | PS031122.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 02:27            | PS031123.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 10:19            | PS031125.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 11:55            | PS031126.D | 7.33         | 0.00 |
| PB168847TB          | PB168847TB       | 07/18/2025       | 13:53            | PS031130.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 14:17            | PS031131.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 15:39            | PS031132.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 14:38            | PS031156.D | 7.33         | 0.00 |
| HSTDICC200          | HSTDICC200       | 07/21/2025       | 15:02            | PS031157.D | 7.33         | 0.00 |
| HSTDICC500          | HSTDICC500       | 07/21/2025       | 15:26            | PS031158.D | 7.33         | 0.00 |
| HSTDICC750          | HSTDICC750       | 07/21/2025       | 15:51            | PS031159.D | 7.33         | 0.00 |
| HSTDICC1000         | HSTDICC1000      | 07/21/2025       | 16:15            | PS031160.D | 7.33         | 0.00 |
| HSTDICC1500         | HSTDICC1500      | 07/21/2025       | 16:39            | PS031161.D | 7.33         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 17:27            | PS031163.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/21/2025       | 17:51            | PS031164.D | 7.32         | 0.00 |
| PB168886BS          | PB168886BS       | 07/21/2025       | 19:28            | PS031168.D | 7.32         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 19:52            | PS031169.D | 7.33         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/21/2025       | 20:16            | PS031170.D | 7.32         | 0.00 |

## Analytical Sequence

|                                                      |                                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------|
| Client: <b>PARSONS Engineering of New York, Inc.</b> | SDG No.: <b>Q2592</b>                                                   |
| Project: <b>Con Edison - East River Site 2</b>       | Instrument ID: <b>ECD_S</b>                                             |
| GC Column: <b>RTX-CLP2</b>                           | ID: <b>0.32 (mm)</b> Inst. Calib. Date(s): <b>07/11/2025 07/11/2025</b> |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID           | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCAA<br>RT # | RT # |
|---------------------|------------------|------------------|------------------|------------|--------------|------|
| IBLK                | IBLK             | 07/11/2025       | 15:35            | PS031005.D | 7.77         | 0.00 |
| HSTDICC200          | HSTDICC200       | 07/11/2025       | 16:00            | PS031006.D | 7.77         | 0.00 |
| HSTDICC500          | HSTDICC500       | 07/11/2025       | 16:24            | PS031007.D | 7.77         | 0.00 |
| HSTDICC750          | HSTDICC750       | 07/11/2025       | 16:48            | PS031008.D | 7.77         | 0.00 |
| HSTDICC1000         | HSTDICC1000      | 07/11/2025       | 17:12            | PS031009.D | 7.77         | 0.00 |
| HSTDICC1500         | HSTDICC1500      | 07/11/2025       | 17:36            | PS031010.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/17/2025       | 20:49            | PS031109.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/17/2025       | 21:13            | PS031110.D | 7.77         | 0.00 |
| PB168886BL          | PB168886BL       | 07/17/2025       | 21:38            | PS031111.D | 7.77         | 0.00 |
| WC-SOIL-20250711    | Q2592-02         | 07/17/2025       | 22:50            | PS031114.D | 7.77         | 0.00 |
| WC-SOIL-20250711MS  | Q2592-02MS       | 07/17/2025       | 23:14            | PS031115.D | 7.77         | 0.00 |
| WC-SOIL-20250711MSD | Q2592-02MSD      | 07/17/2025       | 23:39            | PS031116.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 02:02            | PS031122.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 02:27            | PS031123.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 10:19            | PS031125.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 11:55            | PS031126.D | 7.76         | 0.00 |
| PB168847TB          | PB168847TB       | 07/18/2025       | 13:53            | PS031130.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/18/2025       | 14:17            | PS031131.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/18/2025       | 15:39            | PS031132.D | 7.76         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 14:38            | PS031156.D | 7.77         | 0.00 |
| HSTDICC200          | HSTDICC200       | 07/21/2025       | 15:02            | PS031157.D | 7.77         | 0.00 |
| HSTDICC500          | HSTDICC500       | 07/21/2025       | 15:26            | PS031158.D | 7.77         | 0.00 |
| HSTDICC750          | HSTDICC750       | 07/21/2025       | 15:51            | PS031159.D | 7.77         | 0.00 |
| HSTDICC1000         | HSTDICC1000      | 07/21/2025       | 16:15            | PS031160.D | 7.77         | 0.00 |
| HSTDICC1500         | HSTDICC1500      | 07/21/2025       | 16:39            | PS031161.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 17:27            | PS031163.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/21/2025       | 17:51            | PS031164.D | 7.77         | 0.00 |
| PB168886BS          | PB168886BS       | 07/21/2025       | 19:28            | PS031168.D | 7.77         | 0.00 |
| IBLK                | IBLK             | 07/21/2025       | 19:52            | PS031169.D | 7.77         | 0.00 |
| HSTDCCC750          | HSTDCCC750       | 07/21/2025       | 20:16            | PS031170.D | 7.77         | 0.00 |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168886BS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: PB168886BS

Date(s) Analyzed: 07/21/2025 07/21/2025

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

| ANALYTE          | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|------------------|-----|------|-----------|------|---------------|------|
|                  |     |      | FROM      | TO   |               |      |
| 2,4-D            | 1   | 8.46 | 8.41      | 8.51 | 4.90          | 2.1  |
|                  | 2   | 9.02 | 8.97      | 9.07 | 4.80          |      |
| 2,4,5-TP(Silvex) | 1   | 9.34 | 9.29      | 9.39 | 4.90          | 0    |
|                  | 2   | 9.93 | 9.88      | 9.98 | 4.90          |      |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MS

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MS

Date(s) Analyzed: 07/17/2025 07/17/2025

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

| ANALYTE          | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|------------------|-----|------|-----------|------|---------------|------|
|                  |     |      | FROM      | TO   |               |      |
| 2,4-D            | 1   | 8.46 | 8.41      | 8.51 | 69.7          | 23   |
|                  | 2   | 9.03 | 8.98      | 9.08 | 55.3          |      |
| 2,4,5-TP(Silvex) | 1   | 9.35 | 9.30      | 9.40 | 63.0          | 15   |
|                  | 2   | 9.93 | 9.88      | 9.98 | 54.2          |      |

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-SOIL-20250711MSD

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab Sample ID: Q2592-02MSD

Date(s) Analyzed: 07/17/2025 07/17/2025

Instrument ID (1): ECD\_S

Instrument ID (2): ECD\_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

| ANALYTE          | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|------------------|-----|------|-----------|------|---------------|------|
|                  |     |      | FROM      | TO   |               |      |
| 2,4-D            | 1   | 8.46 | 8.41      | 8.51 | 70.1          | 22.7 |
|                  | 2   | 9.03 | 8.98      | 9.08 | 55.8          |      |
| 2,4,5-TP(Silvex) | 1   | 9.35 | 9.30      | 9.40 | 63.5          | 18.8 |
|                  | 2   | 9.93 | 9.88      | 9.98 | 52.6          |      |

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID    | ClientID         | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q2592-01 | WC-SOIL-20250711 | SOIL   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | PCB Group1     | 8082A  |             | 07/15/25  | 07/15/25  |          |
|          |                  |        | TPH GC         | 8015D  |             | 07/17/25  | 07/18/25  |          |
| Q2592-02 | WC-SOIL-20250711 | TCLP   |                |        | 07/11/25    |           |           | 07/11/25 |
|          |                  |        | TCLP Herbicide | 8151A  |             | 07/16/25  | 07/17/25  |          |
|          |                  |        | TCLP Pesticide | 8081B  |             | 07/16/25  | 07/18/25  |          |





# SAMPLE DATA

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## Report of Analysis

|                    |                                       |          |                    |          |           |
|--------------------|---------------------------------------|----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/11/25 |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/11/25 |           |
| Client Sample ID:  | WC-SOIL-20250711                      |          | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | Q2592-01                              |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8015D TPH                             |          | % Solid:           | 76.7     | Decanted: |
| Sample Wt/Vol:     | 30.05                                 | Units: g | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |          | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :     |                    |          |           |
| Prep Method :      | SW3541                                |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016332.D        | 25        | 07/17/25 08:25 | 07/18/25 10:55 | PB168895      |

| CAS Number        | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |        |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 384000 |           | 12500    | 92200      | ug/kg             |
| <b>SURROGATES</b> |                        |        |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 0.00   | *         | 37 - 130 | 0%         | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# QC SUMMARY

A

B

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**SOIL TPH GC SURROGATE RECOVERY**

Lab Name: Alliance

Client: PARSONS Engineering of New York, Inc.

Lab Code: ACE

SDG No.: Q2592

| CLIENT ID           | S1<br>TETRACOSANE-d50 | S2 | S3 | S4 | TOT<br>OUT |
|---------------------|-----------------------|----|----|----|------------|
| PIBLK-FG016328.D    | 91                    |    |    |    | 0          |
| PIBLK-FG016335.D    | 91                    |    |    |    | 0          |
| PIBLK-FG016341.D    | 91                    |    |    |    | 0          |
| PB168895BL          | 93                    |    |    |    | 0          |
| PB168895BS          | 85                    |    |    |    | 0          |
| WC-SOIL-20250711    | 0 *                   |    |    |    | 1          |
| WC-SOIL-20250711MS  | 101                   |    |    |    | 0          |
| WC-SOIL-20250711MSD | 72                    |    |    |    | 0          |

**QC LIMITS**

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate Diluted Out

**SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

|                           |                           |                  |                                              |
|---------------------------|---------------------------|------------------|----------------------------------------------|
| <b>Lab Name:</b>          | <u>Alliance</u>           | <b>Client:</b>   | <u>PARSONS Engineering of New York, Inc.</u> |
| <b>Lab Code:</b>          | <u>ACE</u>                | <b>SDG No:</b>   | <u>Q2592</u>                                 |
| <b>Client Sample ID :</b> | <u>WC-SOIL-20250711MS</u> | <b>Datafile:</b> | <u>FG016339.D</u>                            |

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | SAMPLE<br>CONCENTRATION<br>ug/kg | MS/MSD<br>CONCENTRATION<br>ug/kg | % REC | Qual | QC LIMITS(%) |
|------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|--------------|
| Petroleum Hydrocarbons | 14747                   | 139000                           | 458000                           | 2163% | *    | 68-131       |

**SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY**

|                           |                            |                  |                                              |
|---------------------------|----------------------------|------------------|----------------------------------------------|
| <b>Lab Name:</b>          | <u>Alliance</u>            | <b>Client:</b>   | <u>PARSONS Engineering of New York, Inc.</u> |
| <b>Lab Code:</b>          | <u>ACE</u>                 | <b>SDG No:</b>   | <u>Q2592</u>                                 |
| <b>Client Sample ID :</b> | <u>WC-SOIL-20250711MSD</u> | <b>Datafile:</b> | <u>FG016340.D</u>                            |

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | SAMPLE<br>CONCENTRATION<br>ug/kg | MS/MSD<br>CONCENTRATION<br>ug/kg | % REC | Qual | QC LIMITS(%) |
|------------------------|-------------------------|----------------------------------|----------------------------------|-------|------|--------------|
| Petroleum Hydrocarbons | 14766                   | 139000                           | 450000                           | 2106% | *    | 68-131       |

**MS/MSD % Recovery RPD : 2.67**

SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

|                           |                   |                  |                                              |
|---------------------------|-------------------|------------------|----------------------------------------------|
| <b>Lab Name:</b>          | <u>Alliance</u>   | <b>Client:</b>   | <u>PARSONS Engineering of New York, Inc.</u> |
| <b>Lab Code:</b>          | <u>ACE</u>        | <b>SDG No:</b>   | <u>Q2592</u>                                 |
| <b>Client Sample ID :</b> | <u>PB168895BS</u> | <b>Datafile:</b> | <u>FG016338.D</u>                            |

| COMPOUND               | SPIKE<br>ADDED<br>ug/kg | CONCENTRATION<br>ug/kg | LCS/LCSD<br>CONCENTRATION<br>ug/kg | % REC | QC LIMITS (%) |
|------------------------|-------------------------|------------------------|------------------------------------|-------|---------------|
| Petroleum Hydrocarbons | 11322                   | 0                      | 9614                               | 85    | 68-131        |

4B  
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB168895BL

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG NO.: Q2592

Lab File ID: FG016337.D

Lab Sample ID: PB168895BL

Instrument ID: FG

Date Extracted: 07/18/2025

Matrix: (soil/water) Soil

Date Analyzed: 07/18/25

Level: (low/med) low

Time Analyzed: 13:23

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

| CLIENT<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|----------------------|------------------|----------------|------------------|
| WC-SOIL-20250711     | Q2592-01         | FG016332.D     | 07/18/25         |
| PB168895BS           | PB168895BS       | FG016338.D     | 07/18/25         |
| WC-SOIL-20250711MS   | Q2592-01MS       | FG016339.D     | 07/18/25         |
| WC-SOIL-20250711MSD  | Q2592-01MSD      | FG016340.D     | 07/18/25         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_





# QC SAMPLE DATA

A

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E

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## Report of Analysis

|                    |                                       |          |                    |        |           |
|--------------------|---------------------------------------|----------|--------------------|--------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    |        |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     |        |           |
| Client Sample ID:  | PB168895BL                            |          | SDG No.:           | Q2592  |           |
| Lab Sample ID:     | PB168895BL                            |          | Matrix:            | SOIL   |           |
| Analytical Method: | 8015D TPH                             |          | % Solid:           | 100    | Decanted: |
| Sample Wt/Vol:     | 30.01                                 | Units: g | Final Vol:         | 1      | mL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | TPH GC |           |
| Extraction Type:   |                                       |          | Injection Volume : |        |           |
| GPC Factor :       |                                       | PH :     |                    |        |           |
| Prep Method :      | SW3541                                |          |                    |        |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016337.D        | 1         | 07/17/25 08:25 | 07/18/25 13:23 | PB168895      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 2830  | U         | 384      | 2830       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 18.6  |           | 37 - 130 | 93%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |          |           |
|--------------------|---------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25 |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25 |           |
| Client Sample ID:  | PIBLK-FG016328.D                      |           | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | I.BLK-FG016328.D                      |           | Matrix:            | Water    |           |
| Analytical Method: | 8015D TPH                             |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |           | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :      |                    |          |           |
| Prep Method :      | SW3510                                |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016328.D        | 1         |           | 07/18/25      | FG071825      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 85.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 18.1  |           | 29 - 130 | 91%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |          |           |
|--------------------|---------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25 |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25 |           |
| Client Sample ID:  | PIBLK-FG016335.D                      |           | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | I.BLK-FG016335.D                      |           | Matrix:            | Water    |           |
| Analytical Method: | 8015D TPH                             |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |           | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :      |                    |          |           |
| Prep Method :      | SW3510                                |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016335.D        | 1         |           | 07/18/25      | FG071825      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 85.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 18.1  |           | 29 - 130 | 91%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |           |                    |          |           |
|--------------------|---------------------------------------|-----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |           | Date Collected:    | 07/18/25 |           |
| Project:           | Con Edison - East River Site 2        |           | Date Received:     | 07/18/25 |           |
| Client Sample ID:  | PIBLK-FG016341.D                      |           | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | I.BLK-FG016341.D                      |           | Matrix:            | Water    |           |
| Analytical Method: | 8015D TPH                             |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                                  | Units: mL | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL        | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |           | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :      |                    |          |           |
| Prep Method :      | SW3510                                |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| FG016341.D        | 1         |           | 07/18/25      | FG071825      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                        |       |           |          |            |         |
| PHC               | Petroleum Hydrocarbons | 85.0  | U         | 12.0     | 85.0       | ug/L    |
| <b>SURROGATES</b> |                        |       |           |          |            |         |
| 16416-32-3        | TETRACOSANE-d50        | 18.1  |           | 29 - 130 | 91%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |          |                    |        |           |
|--------------------|---------------------------------------|----------|--------------------|--------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    |        |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     |        |           |
| Client Sample ID:  | PB168895BS                            |          | SDG No.:           | Q2592  |           |
| Lab Sample ID:     | PB168895BS                            |          | Matrix:            | SOIL   |           |
| Analytical Method: | 8015D TPH                             |          | % Solid:           | 100    | Decanted: |
| Sample Wt/Vol:     | 30.03                                 | Units: g | Final Vol:         | 1      | mL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | TPH GC |           |
| Extraction Type:   |                                       |          | Injection Volume : |        |           |
| GPC Factor :       |                                       | PH :     |                    |        |           |
| Prep Method :      | SW3541                                |          |                    |        |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016338.D        | 1         | 07/17/25 08:25 | 07/18/25 13:52 | PB168895      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 9610  |           | 384      | 2830       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 17.1  |           | 37 - 130 | 85%        | SPK: 20           |

### Comments:

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |          |                    |          |           |
|--------------------|---------------------------------------|----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/11/25 |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/11/25 |           |
| Client Sample ID:  | WC-SOIL-20250711MS                    |          | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | Q2592-01MS                            |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8015D TPH                             |          | % Solid:           | 76.7     | Decanted: |
| Sample Wt/Vol:     | 30.06                                 | Units: g | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |          | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :     |                    |          |           |
| Prep Method :      | SW3541                                |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016339.D        | 1         | 07/17/25 08:25 | 07/18/25 14:22 | PB168895      |

| CAS Number        | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |        |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 458000 | E         | 500      | 3690       | ug/kg             |
| <b>SURROGATES</b> |                        |        |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 20.2   |           | 37 - 130 | 101%       | SPK: 20           |

### Comments:

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |          |                    |          |           |
|--------------------|---------------------------------------|----------|--------------------|----------|-----------|
| Client:            | PARSONS Engineering of New York, Inc. |          | Date Collected:    | 07/11/25 |           |
| Project:           | Con Edison - East River Site 2        |          | Date Received:     | 07/11/25 |           |
| Client Sample ID:  | WC-SOIL-20250711MSD                   |          | SDG No.:           | Q2592    |           |
| Lab Sample ID:     | Q2592-01MSD                           |          | Matrix:            | SOIL     |           |
| Analytical Method: | 8015D TPH                             |          | % Solid:           | 76.7     | Decanted: |
| Sample Wt/Vol:     | 30.02                                 | Units: g | Final Vol:         | 1        | mL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | TPH GC   |           |
| Extraction Type:   |                                       |          | Injection Volume : |          |           |
| GPC Factor :       |                                       | PH :     |                    |          |           |
| Prep Method :      | SW3541                                |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG016340.D        | 1         | 07/17/25 08:25 | 07/18/25 14:52 | PB168895      |

| CAS Number        | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |        |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 450000 | E         | 500      | 3690       | ug/kg             |
| <b>SURROGATES</b> |                        |        |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 14.5   |           | 37 - 130 | 72%        | SPK: 20           |

### Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit





# CALIBRATION SUMMARY

### TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: PARS02

ProjectID: Con Edison - East River Site 2

Lab Code: ACE SDG No.: Q2592

| Calibration Sequence : FG070925 |            | Test : TPH GC    |                 |
|---------------------------------|------------|------------------|-----------------|
| Concentration (PPM)             | Area Count | Reference Factor | File ID         |
| 1700                            | 164717398  | 96893            | FG016264.D      |
| 850                             | 83171210   | 97848            | FG016265.D      |
| 340                             | 35101863   | 103241           | FG016266.D      |
| 170                             | 18639349   | 109643           | FG016267.D      |
| 85                              | 9352448    | 110029           | FG016268.D      |
| AVG RF : 103531                 |            | % RSD : 6.032    | AVG RT : 15.201 |

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: PARS02  
ProjectID: Con Edison - East River Site 2  
Lab Code: ACE SDG No.: Q2592  
DataFile: FG016329.D Analyst Name: YP\AJ Analyst Date: 07-18-2025

| Conc. (PPM) | Area Count | RF     | Average RF | %D    |
|-------------|------------|--------|------------|-------|
| 850         | 88196784   | 103761 | 103531     | 0.222 |

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: PARS02  
ProjectID: Con Edison - East River Site 2  
Lab Code: ACE SDG No.: Q2592  
DataFile: FG016336.D Analyst Name: YP\AJ Analyst Date: 07-18-2025

| Conc. (PPM) | Area Count | RF     | Average RF | %D    |
|-------------|------------|--------|------------|-------|
| 850         | 85294134   | 100346 | 103531     | 3.076 |

**TPH GC CONTINUING CALIBRATION SUMMARY**

**50 PPM TRPH STD**

Lab Name: Alliane Contract: PARS02  
 ProjectID: Con Edison - East River Site 2  
 Lab Code: ACE SDG No.: Q2592  
 DataFile: FG016342.D Analyst Name: YP\AJ Analyst Date: 07-18-2025

| Conc. (PPM) | Area Count | RF     | Average RF | %D   |
|-------------|------------|--------|------------|------|
| 850         | 86883822   | 102216 | 103531     | 1.27 |

## Analytical Sequence

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Project: Con Edison - East River Site 2

Instrument ID: FID\_G

GC Column: RXI-1MS ID: 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.201 |                  |                           |            |        |   |
|--------------------------------------------------|------------------|---------------------------|------------|--------|---|
| CLIENT<br>SAMPLE NO.                             | LAB<br>SAMPLE ID | DATE AND TIME<br>ANALYZED | DATAFILE   | RT     | # |
| PIBLK01                                          | LBLK01           | 18 Jul 2025 08:55         | FG016328.D | 15.207 |   |
| 50 PPM TRPH STD                                  | 50 PPM TRPH STD  | 18 Jul 2025 09:24         | FG016329.D | 15.207 |   |
| WC-SOIL-20250711                                 | Q2592-01         | 18 Jul 2025 10:55         | FG016332.D | 00.000 |   |
| PIBLK02                                          | LBLK02           | 18 Jul 2025 12:24         | FG016335.D | 15.204 |   |
| 50 PPM TRPH STD                                  | 50 PPM TRPH STD  | 18 Jul 2025 12:53         | FG016336.D | 15.207 |   |
| PB168895BL                                       | PB168895BL       | 18 Jul 2025 13:23         | FG016337.D | 15.202 |   |
| PB168895BS                                       | PB168895BS       | 18 Jul 2025 13:52         | FG016338.D | 15.202 |   |
| WC-SOIL-20250711MS                               | Q2592-01MS       | 18 Jul 2025 14:22         | FG016339.D | 15.213 |   |
| WC-SOIL-20250711MSD                              | Q2592-01MSD      | 18 Jul 2025 14:52         | FG016340.D | 15.218 |   |
| PIBLK03                                          | LBLK03           | 18 Jul 2025 15:21         | FG016341.D | 15.208 |   |
| 50 PPM TRPH STD                                  | 50 PPM TRPH STD  | 18 Jul 2025 15:51         | FG016342.D | 15.212 |   |

# Column used to flag RT values with an \* values outside of QC limits

QC Limits  
(± 0.10 minutes)

Lower Limit  
15.101

Upper Limits  
15.301

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test              | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------|-------------|-------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> |                   |        | <b>07/11/25</b> |           |           | <b>07/11/25</b> |
|                 |                         |             | Mercury           | 7471B  |                 | 07/15/25  | 07/16/25  |                 |
|                 |                         |             | Metals ICP-Group1 | 6010D  |                 | 07/14/25  | 07/17/25  |                 |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>TCLP</b> |                   |        | <b>07/11/25</b> |           |           | <b>07/11/25</b> |
|                 |                         |             | TCLP ICP Metals   | 6010D  |                 | 07/16/25  | 07/17/25  |                 |
|                 |                         |             | TCLP Mercury      | 7470A  |                 | 07/16/25  | 07/17/25  |                 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2592 **Order ID:** Q2592  
**Client:** PARSONS Engineering of New York, Inc. **Project ID:** Con Edison - East River Site 2

| Sample ID                           | Client ID        | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|-------------------------------------|------------------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : WC-SOIL-20250711</b> |                  |        |           |               |   |        |       |       |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Aluminum  | 3900          |   | 0.98   | 5.85  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Antimony  | 5.07          |   | 0.26   | 2.92  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Arsenic   | 5.85          |   | 0.22   | 1.17  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Barium    | 59.6          |   | 0.85   | 5.85  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Beryllium | 0.87          |   | 0.029  | 0.35  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Cadmium   | 1.30          |   | 0.028  | 0.35  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Calcium   | 39100         |   | 13.0   | 117   | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Chromium  | 42.8          |   | 0.055  | 0.59  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Cobalt    | 10.3          |   | 0.12   | 1.75  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Copper    | 192           |   | 0.26   | 1.17  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Iron      | 38700         |   | 4.67   | 5.85  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Lead      | 153           |   | 0.15   | 0.70  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Magnesium | 20300         |   | 14.0   | 117   | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Manganese | 281           |   | 0.16   | 1.17  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Mercury   | 0.096         |   | 0.0090 | 0.016 | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Nickel    | 33.6          |   | 0.15   | 2.34  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Potassium | 927           |   | 32.4   | 117   | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Selenium  | 7.53          |   | 0.30   | 1.17  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Sodium    | 264           |   | 20.8   | 117   | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Vanadium  | 29.5          |   | 0.29   | 2.34  | mg/Kg |
| Q2592-01                            | WC-SOIL-20250711 | SOIL   | Zinc      | 923           |   | 0.13   | 2.34  | mg/Kg |





# SAMPLE DATA

A

B

C

D

E

F

G

H

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:          | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID: | WC-SOIL-20250711                      | SDG No.:        | Q2592    |
| Lab Sample ID:    | Q2592-01                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 76.7     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 3900  |      | 1  | 0.98   | 5.85       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 5.07  | N    | 1  | 0.26   | 2.92       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 5.85  |      | 1  | 0.22   | 1.17       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 59.6  |      | 1  | 0.85   | 5.85       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.87  |      | 1  | 0.029  | 0.35       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 1.30  |      | 1  | 0.028  | 0.35       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 39100 |      | 1  | 13.0   | 117        | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 42.8  |      | 1  | 0.055  | 0.59       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 10.3  |      | 1  | 0.12   | 1.75       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 192   | N    | 1  | 0.26   | 1.17       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 38700 |      | 1  | 4.67   | 5.85       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 153   |      | 1  | 0.15   | 0.70       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 20300 |      | 1  | 14.0   | 117        | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 281   |      | 1  | 0.16   | 1.17       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.096 | N    | 1  | 0.0090 | 0.016      | mg/Kg             | 07/15/25 15:40 | 07/16/25 12:48 | 7471B    |           |
| 7440-02-0 | Nickel    | 33.6  |      | 1  | 0.15   | 2.34       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 927   |      | 1  | 32.4   | 117        | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 7.53  |      | 1  | 0.30   | 1.17       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.59  | UN   | 1  | 0.14   | 0.59       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 264   |      | 1  | 20.8   | 117        | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 2.34  | U    | 1  | 0.27   | 2.34       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 29.5  |      | 1  | 0.29   | 2.34       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 923   | N    | 1  | 0.13   | 2.34       | mg/Kg             | 07/14/25 16:10 | 07/17/25 18:06 | 6010D    | SW3050    |

|               |               |                 |            |        |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown         | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow        | Clarity After:  | Artifacts: |        |
| Comments:     | Metals Group1 |                 |            |        |

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

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



# METAL CALIBRATION DATA

A

B

C

D

E

F

G

H

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV29     | Mercury | 4.07           | 4.0        | 102           | 90 - 110                  | CV | 07/16/2025       | 11:56            | LB136499      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV09     | Mercury | 5.31           | 5.0        | 106           | 90 - 110                  | CV | 07/16/2025       | 12:01            | LB136499      |
| CCV10     | Mercury | 5.27           | 5.0        | 105           | 90 - 110                  | CV | 07/16/2025       | 12:38            | LB136499      |
| CCV11     | Mercury | 5.28           | 5.0        | 106           | 90 - 110                  | CV | 07/16/2025       | 13:12            | LB136499      |
| CCV12     | Mercury | 5.09           | 5.0        | 102           | 90 - 110                  | CV | 07/16/2025       | 13:40            | LB136499      |
| CCV13     | Mercury | 5.13           | 5.0        | 103           | 90 - 110                  | CV | 07/16/2025       | 14:07            | LB136499      |
| CCV14     | Mercury | 5.04           | 5.0        | 101           | 90 - 110                  | CV | 07/16/2025       | 14:25            | LB136499      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7880           | 8000       | 98            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Antimony  | 4110           | 4000       | 103           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Arsenic   | 3840           | 4000       | 96            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Barium    | 8020           | 8000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Beryllium | 200            | 200        | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Cadmium   | 1950           | 2000       | 97            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Calcium   | 19900          | 20000      | 99            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Chromium  | 791            | 800        | 99            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Cobalt    | 2000           | 2000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Copper    | 1020           | 1000       | 102           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Iron      | 3850           | 4000       | 96            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Lead      | 3860           | 4000       | 96            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Magnesium | 20100          | 20000      | 101           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Manganese | 2000           | 2000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Nickel    | 1990           | 2000       | 99            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Potassium | 18100          | 20000      | 91            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Selenium  | 3940           | 4000       | 98            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Silver    | 936            | 1000       | 94            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Sodium    | 18700          | 20000      | 94            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Thallium  | 3850           | 4000       | 96            | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Vanadium  | 2000           | 2000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |
|           | Zinc      | 2010           | 2000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:14            | LB136534      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 119            | 100        | 119           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Antimony  | 52.4           | 50.0       | 105           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Arsenic   | 16.9           | 20.0       | 84            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Barium    | 102            | 100        | 102           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Beryllium | 6.21           | 6.0        | 104           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Cadmium   | 5.65           | 6.0        | 94            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Calcium   | 2050           | 2000       | 103           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Chromium  | 10.2           | 10.0       | 102           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Cobalt    | 30.3           | 30.0       | 101           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Copper    | 21.3           | 20.0       | 107           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Iron      | 110            | 100        | 110           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Lead      | 10.9           | 12.0       | 91            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Magnesium | 2220           | 2000       | 111           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Manganese | 21.1           | 20.0       | 106           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Nickel    | 39.7           | 40.0       | 99            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Potassium | 1740           | 2000       | 87            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Selenium  | 17.6           | 20.0       | 88            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Silver    | 10.5           | 10.0       | 105           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Sodium    | 1750           | 2000       | 87            | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Thallium  | 41.1           | 40.0       | 103           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Vanadium  | 40.0           | 40.0       | 100           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |
|           | Zinc      | 42.6           | 40.0       | 106           | 80 - 120                  | P | 07/17/2025       | 14:24            | LB136534      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9950           | 10000      | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Antimony  | 5020           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Arsenic   | 4950           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Barium    | 10100          | 10000      | 101           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Beryllium | 254            | 250        | 102           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Cadmium   | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Calcium   | 25100          | 25000      | 101           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Cobalt    | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Iron      | 5020           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Lead      | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Magnesium | 25100          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Manganese | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Nickel    | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Potassium | 25400          | 25000      | 102           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Selenium  | 5010           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Silver    | 1270           | 1250       | 102           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Sodium    | 25400          | 25000      | 102           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Thallium  | 5050           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Vanadium  | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 07/17/2025       | 14:56            | LB136534      |
| CCV02     | Aluminum  | 9800           | 10000      | 98            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Antimony  | 4760           | 5000       | 95            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Arsenic   | 4730           | 5000       | 95            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Barium    | 9920           | 10000      | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Beryllium | 250            | 250        | 100           | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Cadmium   | 2410           | 2500       | 96            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Calcium   | 24700          | 25000      | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Chromium  | 986            | 1000       | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Cobalt    | 2390           | 2500       | 96            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Copper    | 1240           | 1250       | 100           | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Iron      | 4950           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Lead      | 4810           | 5000       | 96            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |



**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24500          | 25000      | 98            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Manganese | 2470           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Nickel    | 2400           | 2500       | 96            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Potassium | 24700          | 25000      | 99            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Selenium  | 4770           | 5000       | 95            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Sodium    | 24900          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Thallium  | 4820           | 5000       | 96            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Vanadium  | 2450           | 2500       | 98            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
|           | Zinc      | 2440           | 2500       | 98            | 90 - 110                  | P | 07/17/2025       | 15:44            | LB136534      |
| CCV03     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Antimony  | 4980           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Arsenic   | 4960           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Barium    | 10100          | 10000      | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Beryllium | 258            | 250        | 103           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Cadmium   | 2520           | 2500       | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Calcium   | 25300          | 25000      | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Cobalt    | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Copper    | 1280           | 1250       | 103           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Iron      | 5110           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Lead      | 5040           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Magnesium | 25000          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Manganese | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Nickel    | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Selenium  | 4980           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Silver    | 1270           | 1250       | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Sodium    | 25800          | 25000      | 103           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Thallium  | 5050           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Vanadium  | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
|           | Zinc      | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 17:18            | LB136534      |
| CCV04     | Aluminum  | 10000          | 10000      | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Antimony  | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4880           | 5000       | 98            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Beryllium | 246            | 250        | 98            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Calcium   | 25000          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Iron      | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Lead      | 4940           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Magnesium | 24600          | 25000      | 98            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Manganese | 2450           | 2500       | 98            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Nickel    | 2490           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Potassium | 23500          | 25000      | 94            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Selenium  | 4950           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Sodium    | 24000          | 25000      | 96            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Thallium  | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Vanadium  | 2470           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
|           | Zinc      | 2490           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 18:45            | LB136534      |
| CCV05     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Antimony  | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Arsenic   | 5000           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Barium    | 10300          | 10000      | 103           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Beryllium | 247            | 250        | 99            | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Cadmium   | 2550           | 2500       | 102           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Calcium   | 25200          | 25000      | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Cobalt    | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Iron      | 5000           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Lead      | 5070           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Magnesium | 24600          | 25000      | 99            | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Manganese | 2470           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**Contract:** PARS02

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q2592

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Potassium | 25100          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Selenium  | 5040           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Sodium    | 25500          | 25000      | 102           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Thallium  | 5070           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Vanadium  | 2490           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
|           | Zinc      | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:11            | LB136534      |
| CCV06     | Aluminum  | 10300          | 10000      | 103           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Antimony  | 4990           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Arsenic   | 4910           | 5000       | 98            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Barium    | 10400          | 10000      | 104           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Beryllium | 252            | 250        | 101           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Cadmium   | 2500           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Calcium   | 25300          | 25000      | 101           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Chromium  | 1000           | 1000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Iron      | 5150           | 5000       | 103           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Lead      | 4960           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Magnesium | 24900          | 25000      | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Manganese | 2490           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Nickel    | 2490           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Potassium | 26800          | 25000      | 107           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Selenium  | 4960           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Thallium  | 5020           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Vanadium  | 2530           | 2500       | 101           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |
|           | Zinc      | 2510           | 2500       | 100           | 90 - 110                  | P | 07/17/2025       | 20:46            | LB136534      |



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

### Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2592  
**Contract:** PARS02 **Lab Code:** ACE  
**Initial Calibration Source:** \_\_\_\_\_  
**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury   | 0.22           | 0.2                | 109           | 70 - 130                  | CV | 07/16/2025       | 12:06            | LB136499      |
| <b>CRI01</b> | Aluminum  | 101            | 100                | 101           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Antimony  | 54.0           | 50.0               | 108           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Arsenic   | 15.4           | 20.0               | 77            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Barium    | 101            | 100                | 102           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Beryllium | 6.31           | 6.0                | 105           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Cadmium   | 5.72           | 6.0                | 95            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Calcium   | 2060           | 2000               | 103           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Chromium  | 10.2           | 10.0               | 102           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Cobalt    | 30.4           | 30.0               | 101           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Copper    | 22.2           | 20.0               | 111           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Iron      | 110            | 100                | 110           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Lead      | 11.9           | 12.0               | 99            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Magnesium | 2300           | 2000               | 115           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Manganese | 21.5           | 20.0               | 108           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Nickel    | 39.6           | 40.0               | 99            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Potassium | 1760           | 2000               | 88            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Selenium  | 19.6           | 20.0               | 98            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Silver    | 9.57           | 10.0               | 96            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Sodium    | 1770           | 2000               | 88            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Thallium  | 40.3           | 40.0               | 101           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Vanadium  | 38.6           | 40.0               | 96            | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |
|              | Zinc      | 43.0           | 40.0               | 108           | 65 - 135                  | P  | 07/17/2025       | 14:39            | LB136534      |



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

### Metals

- 3a -

#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB29     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 11:59            | LB136499      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB09     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 12:03            | LB136499      |
| CCB10     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 12:43            | LB136499      |
| CCB11     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 13:14            | LB136499      |
| CCB12     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 13:42            | LB136499      |
| CCB13     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 14:10            | LB136499      |
| CCB14     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/16/2025       | 14:28            | LB136499      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 44.1           | +/-50               | J            | 100  | P | 07/17/2025       | 14:29            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 14:29            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 14:29            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 14:29            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 14:29            | LB136534      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 34.3           | +/-50               | J            | 100  | P | 07/17/2025       | 15:01            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 15:01            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 15:01            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:01            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:01            | LB136534      |
| CCB02     | Aluminum  | 20.6           | +/-50               | J            | 100  | P | 07/17/2025       | 15:49            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 15:49            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 15:49            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:49            | LB136534      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB02     | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:49            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 15:49            | LB136534      |
| CCB03     | Aluminum  | 30.1           | +/-50               | J            | 100  | P | 07/17/2025       | 17:36            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 17:36            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 17:36            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 17:36            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 17:36            | LB136534      |
| CCB04     | Aluminum  | 27.5           | +/-50               | J            | 100  | P | 07/17/2025       | 18:50            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 18:50            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 18:50            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 18:50            | LB136534      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 18:50            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 18:50            | LB136534      |
| CCB05     | Aluminum  | 19.5           | +/-50               | J            | 100  | P | 07/17/2025       | 20:16            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 20:16            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 20:16            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:16            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:16            | LB136534      |
| CCB06     | Aluminum  | 12.5           | +/-50               | J            | 100  | P | 07/17/2025       | 20:51            | LB136534      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 20:51            | LB136534      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:51            | LB136534      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 07/17/2025       | 20:51            | LB136534      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:51            | LB136534      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 07/17/2025       | 20:51            | LB136534      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB168891BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB168891</b> |    | <b>Prep Date:</b> | <b>07/15/2025</b> |          |
|                   | Mercury | 0.0070            | <0.013              | U                    | 0.013           | CV | 07/16/2025        | 12:12             | LB136499 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Instrument:** P5

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB168846BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB168846</b> |   | <b>Prep Date:</b> | <b>07/14/2025</b> |          |
|                   | Aluminum     | 2.11              | <2.5                | J                    | 5.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Antimony     | 0.22              | <1.25               | U                    | 2.50            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Arsenic      | 0.19              | <0.5                | U                    | 1.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Barium       | 0.73              | <2.5                | U                    | 5.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Beryllium    | 0.025             | <0.15               | U                    | 0.30            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Cadmium      | 0.024             | <0.15               | U                    | 0.30            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Calcium      | 11.1              | <50                 | U                    | 100             | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Chromium     | 0.047             | <0.25               | U                    | 0.50            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Cobalt       | 0.10              | <0.75               | U                    | 1.50            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Copper       | 0.22              | <0.5                | U                    | 1.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Iron         | 3.99              | <2.5                | U                    | 5.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Lead         | 0.13              | <0.3                | U                    | 0.60            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Magnesium    | 12.0              | <50                 | U                    | 100             | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Manganese    | 0.14              | <0.5                | U                    | 1.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Nickel       | 0.13              | <1                  | U                    | 2.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Potassium    | 27.7              | <50                 | U                    | 100             | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Selenium     | 0.26              | <0.5                | U                    | 1.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Silver       | 0.12              | <0.25               | U                    | 0.50            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Sodium       | 17.8              | <50                 | U                    | 100             | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Thallium     | 0.23              | <1                  | U                    | 2.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Vanadium     | 0.25              | <1                  | U                    | 2.00            | P | 07/17/2025        | 18:58             | LB136534 |
|                   | Zinc         | 0.11              | <1                  | U                    | 2.00            | P | 07/17/2025        | 18:58             | LB136534 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P5

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Aluminum  | 243000         | 250000             | 97            | 216000                 | 294000                  | 07/17/2025       | 14:46            | LB136534      |
|           | Antimony  | 20.2           |                    |               | -50                    | 50                      | 07/17/2025       | 14:46            | LB136534      |
|           | Arsenic   | -5.59          |                    |               | -20                    | 20                      | 07/17/2025       | 14:46            | LB136534      |
|           | Barium    | 5.91           | 6.0                | 98            | -94                    | 106                     | 07/17/2025       | 14:46            | LB136534      |
|           | Beryllium | 1.12           |                    |               | -6                     | 6                       | 07/17/2025       | 14:46            | LB136534      |
|           | Cadmium   | -0.95          | 1.0                | 95            | -5                     | 7                       | 07/17/2025       | 14:46            | LB136534      |
|           | Calcium   | 232000         | 240000             | 97            | 208000                 | 282000                  | 07/17/2025       | 14:46            | LB136534      |
|           | Chromium  | 48.4           | 52.0               | 93            | 42                     | 62                      | 07/17/2025       | 14:46            | LB136534      |
|           | Cobalt    | 21.5           |                    |               | -30                    | 30                      | 07/17/2025       | 14:46            | LB136534      |
|           | Copper    | -6.18          | 2.0                | 309           | -18                    | 22                      | 07/17/2025       | 14:46            | LB136534      |
|           | Iron      | 89400          | 100000             | 89            | 85600                  | 116500                  | 07/17/2025       | 14:46            | LB136534      |
|           | Lead      | 1.20           |                    |               | -12                    | 12                      | 07/17/2025       | 14:46            | LB136534      |
|           | Magnesium | 242000         | 260000             | 93            | 216000                 | 294000                  | 07/17/2025       | 14:46            | LB136534      |
|           | Manganese | 3.52           | 7.0                | 50            | -13                    | 27                      | 07/17/2025       | 14:46            | LB136534      |
|           | Nickel    | 1.33           | 2.0                | 66            | -38                    | 42                      | 07/17/2025       | 14:46            | LB136534      |
|           | Potassium | 3.55           |                    |               | 0                      | 0                       | 07/17/2025       | 14:46            | LB136534      |
|           | Selenium  | -9.33          |                    |               | -20                    | 20                      | 07/17/2025       | 14:46            | LB136534      |
|           | Silver    | -1.63          |                    |               | -10                    | 10                      | 07/17/2025       | 14:46            | LB136534      |
|           | Sodium    | 127            |                    |               | 0                      | 0                       | 07/17/2025       | 14:46            | LB136534      |
|           | Thallium  | 2.74           |                    |               | -40                    | 40                      | 07/17/2025       | 14:46            | LB136534      |
|           | Vanadium  | 9.54           |                    |               | -40                    | 40                      | 07/17/2025       | 14:46            | LB136534      |
|           | Zinc      | 11.6           |                    |               | -40                    | 40                      | 07/17/2025       | 14:46            | LB136534      |
| ICSAB01   | Aluminum  | 243000         | 250000             | 97            | 209000                 | 285000                  | 07/17/2025       | 14:51            | LB136534      |
|           | Antimony  | 586            | 620                | 94            | 525                    | 711                     | 07/17/2025       | 14:51            | LB136534      |
|           | Arsenic   | 89.5           | 100                | 90            | 88.4                   | 120                     | 07/17/2025       | 14:51            | LB136534      |
|           | Barium    | 490            | 540                | 91            | 437                    | 637                     | 07/17/2025       | 14:51            | LB136534      |
|           | Beryllium | 480            | 500                | 96            | 420                    | 570                     | 07/17/2025       | 14:51            | LB136534      |
|           | Cadmium   | 954            | 970                | 98            | 826                    | 1120                    | 07/17/2025       | 14:51            | LB136534      |
|           | Calcium   | 233000         | 230000             | 101           | 199000                 | 271000                  | 07/17/2025       | 14:51            | LB136534      |
|           | Chromium  | 528            | 540                | 98            | 460                    | 624                     | 07/17/2025       | 14:51            | LB136534      |
|           | Cobalt    | 493            | 480                | 103           | 404                    | 548                     | 07/17/2025       | 14:51            | LB136534      |
|           | Copper    | 455            | 510                | 89            | 434                    | 588                     | 07/17/2025       | 14:51            | LB136534      |
|           | Iron      | 90300          | 99000              | 91            | 84400                  | 114500                  | 07/17/2025       | 14:51            | LB136534      |
|           | Lead      | 46.7           | 49.0               | 95            | 37                     | 61                      | 07/17/2025       | 14:51            | LB136534      |
|           | Magnesium | 242000         | 250000             | 97            | 210000                 | 286000                  | 07/17/2025       | 14:51            | LB136534      |
|           | Manganese | 475            | 510                | 93            | 430                    | 584                     | 07/17/2025       | 14:51            | LB136534      |
|           | Nickel    | 941            | 950                | 99            | 810                    | 1100                    | 07/17/2025       | 14:51            | LB136534      |
|           | Potassium | 3.18           |                    |               | 0                      | 0                       | 07/17/2025       | 14:51            | LB136534      |
|           | Selenium  | 42.8           | 46.0               | 93            | 26                     | 66                      | 07/17/2025       | 14:51            | LB136534      |
|           | Silver    | 204            | 200                | 102           | 170                    | 232                     | 07/17/2025       | 14:51            | LB136534      |
|           | Sodium    | 145            |                    |               | 0                      | 0                       | 07/17/2025       | 14:51            | LB136534      |
|           | Thallium  | 91.9           | 110                | 84            | 68                     | 148                     | 07/17/2025       | 14:51            | LB136534      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                                             |                                 |
|-------------------------------------------------------------|---------------------------------|
| <b>Client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b> <u>Q2592</u>    |
| <b>Contract:</b> <u>PARS02</u>                              | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>                               | <b>Instrument ID:</b> <u>P5</u> |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium | 470            | 490                | 96            | 417                    | 565                     | 07/17/2025       | 14:51            | LB136534      |
|           | Zinc     | 999            | 950                | 105           | 809                    | 1095                    | 07/17/2025       | 14:51            | LB136534      |



# METAL QC DATA

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metals  
- 5a -  
**MATRIX SPIKE SUMMARY**

|                                   |                                              |                   |                 |                                         |                       |
|-----------------------------------|----------------------------------------------|-------------------|-----------------|-----------------------------------------|-----------------------|
| <b>client:</b>                    | <u>PARSONS Engineering of New York, Inc.</u> | <b>level:</b>     | <u>low</u>      | <b>sdg no.:</b>                         | <u>Q2592</u>          |
| <b>contract:</b>                  | <u>PARS02</u>                                |                   |                 | <b>lab code:</b>                        | <u>ACE</u>            |
| <b>matrix:</b>                    | <u>Solid</u>                                 | <b>sample id:</b> | <u>Q2590-01</u> | <b>client id:</b>                       | <u>NB-07-071125MS</u> |
| <b>Percent Solids for Sample:</b> | 96.6                                         | <b>Spiked ID:</b> | Q2590-01MS      | <b>Percent Solids for Spike Sample:</b> | 96.6                  |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Aluminum  | mg/Kg | 75 - 125               | 5140             |   | 4310             |   | 95.0           | 865           |      | P  |
| Antimony  | mg/Kg | 75 - 125               | 17.0             |   | 1.19             | J | 38.0           | 42            | N    | P  |
| Arsenic   | mg/Kg | 75 - 125               | 38.5             |   | 1.94             |   | 38.0           | 96            |      | P  |
| Barium    | mg/Kg | 75 - 125               | 53.1             |   | 45.5             |   | 9.5            | 80            |      | P  |
| Beryllium | mg/Kg | 75 - 125               | 9.16             |   | 0.34             |   | 9.5            | 93            |      | P  |
| Cadmium   | mg/Kg | 75 - 125               | 9.77             |   | 0.25             | U | 9.5            | 103           |      | P  |
| Calcium   | mg/Kg | 75 - 125               | 2060             |   | 2640             |   | 47.5           | -1218         |      | P  |
| Chromium  | mg/Kg | 75 - 125               | 30.4             |   | 14.4             |   | 19.0           | 84            |      | P  |
| Cobalt    | mg/Kg | 75 - 125               | 16.0             |   | 5.95             |   | 9.5            | 106           |      | P  |
| Copper    | mg/Kg | 75 - 125               | 37.9             |   | 34.9             |   | 14.2           | 21            | N    | P  |
| Iron      | mg/Kg | 75 - 125               | 10500            |   | 9610             |   | 140            | 632           |      | P  |
| Lead      | mg/Kg | 75 - 125               | 65.6             |   | 16.4             |   | 47.5           | 104           |      | P  |
| Magnesium | mg/Kg | 75 - 125               | 3000             |   | 3040             |   | 95.0           | -41           |      | P  |
| Manganese | mg/Kg | 75 - 125               | 227              |   | 191              |   | 9.5            | 377           |      | P  |
| Mercury   | mg/Kg | 80 - 120               | 0.18             |   | 0.027            |   | 0.25           | 61            | N    | CV |
| Nickel    | mg/Kg | 75 - 125               | 35.7             |   | 10.2             |   | 23.7           | 107           |      | P  |
| Potassium | mg/Kg | 75 - 125               | 1600             |   | 1210             |   | 470            | 81            |      | P  |
| Selenium  | mg/Kg | 75 - 125               | 77.9             |   | 2.37             |   | 95.0           | 80            |      | P  |
| Silver    | mg/Kg | 75 - 125               | 1.43             |   | 0.42             | U | 3.6            | 40            | N    | P  |
| Sodium    | mg/Kg | 75 - 125               | 252              |   | 110              |   | 140            | 99            |      | P  |
| Thallium  | mg/Kg | 75 - 125               | 92.1             |   | 1.67             | U | 95.0           | 97            |      | P  |
| Vanadium  | mg/Kg | 75 - 125               | 28.6             |   | 15.1             |   | 14.2           | 95            |      | P  |
| Zinc      | mg/Kg | 75 - 125               | 39.1             |   | 26.8             |   | 9.5            | 130           | N    | P  |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2592  
**contract:** PARS02    **lab code:** ACE  
**matrix:** Solid    **sample id:** Q2590-01    **client id:** NB-07-071125MSD  
**Percent Solids for Sample:** 96.6    **Spiked ID:** Q2590-01MSD    **Percent Solids for Spike Sample:** 96.6

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Aluminum  | mg/Kg | 75 - 125               | 5010          |   | 4310             |   | 95.9           | 723           |      | P  |
| Antimony  | mg/Kg | 75 - 125               | 16.5          |   | 1.19             | J | 38.3           | 40            | N    | P  |
| Arsenic   | mg/Kg | 75 - 125               | 38.7          |   | 1.94             |   | 38.3           | 96            |      | P  |
| Barium    | mg/Kg | 75 - 125               | 52.6          |   | 45.5             |   | 9.6            | 74            |      | P  |
| Beryllium | mg/Kg | 75 - 125               | 9.04          |   | 0.34             |   | 9.6            | 91            |      | P  |
| Cadmium   | mg/Kg | 75 - 125               | 9.80          |   | 0.25             | U | 9.6            | 102           |      | P  |
| Calcium   | mg/Kg | 75 - 125               | 1900          |   | 2640             |   | 47.9           | -1544         |      | P  |
| Chromium  | mg/Kg | 75 - 125               | 29.7          |   | 14.4             |   | 19.2           | 80            |      | P  |
| Cobalt    | mg/Kg | 75 - 125               | 16.0          |   | 5.95             |   | 9.6            | 105           |      | P  |
| Copper    | mg/Kg | 75 - 125               | 40.8          |   | 34.9             |   | 14.4           | 41            | N    | P  |
| Iron      | mg/Kg | 75 - 125               | 10300         |   | 9610             |   | 140            | 476           |      | P  |
| Lead      | mg/Kg | 75 - 125               | 65.0          |   | 16.4             |   | 47.9           | 102           |      | P  |
| Magnesium | mg/Kg | 75 - 125               | 2910          |   | 3040             |   | 95.9           | -140          |      | P  |
| Manganese | mg/Kg | 75 - 125               | 218           |   | 191              |   | 9.6            | 280           |      | P  |
| Mercury   | mg/Kg | 80 - 120               | 0.20          |   | 0.027            |   | 0.26           | 68            | N    | CV |
| Nickel    | mg/Kg | 75 - 125               | 35.5          |   | 10.2             |   | 24.0           | 105           |      | P  |
| Potassium | mg/Kg | 75 - 125               | 1650          |   | 1210             |   | 480            | 91            |      | P  |
| Selenium  | mg/Kg | 75 - 125               | 77.4          |   | 2.37             |   | 95.9           | 78            |      | P  |
| Silver    | mg/Kg | 75 - 125               | 1.39          |   | 0.42             | U | 3.6            | 39            | N    | P  |
| Sodium    | mg/Kg | 75 - 125               | 246           |   | 110              |   | 140            | 95            |      | P  |
| Thallium  | mg/Kg | 75 - 125               | 92.4          |   | 1.67             | U | 95.9           | 96            |      | P  |
| Vanadium  | mg/Kg | 75 - 125               | 28.7          |   | 15.1             |   | 14.4           | 95            |      | P  |
| Zinc      | mg/Kg | 75 - 125               | 38.2          |   | 26.8             |   | 9.6            | 119           |      | P  |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                                                             |                                    |                                        |
|-------------------------------------------------------------|------------------------------------|----------------------------------------|
| <b>Client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b> <u>Q2592</u>       |                                        |
| <b>Contract:</b> <u>PARS02</u>                              | <b>Lab Code:</b> <u>ACE</u>        |                                        |
| <b>Matrix:</b> <u>Solid</u>                                 | <b>Level:</b> <u>LOW</u>           | <b>Client ID:</b> <u>NB-07-071125A</u> |
| <b>Sample ID:</b> <u>Q2590-01</u>                           | <b>Spiked ID:</b> <u>Q2590-01A</u> |                                        |

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Antimony | mg/Kg | 75 - 125               | 30.3             |   | 1.19             | J | 33.4           | 87            |      | P  |
| Copper   | mg/Kg | 75 - 125               | 44.9             |   | 34.9             |   | 12.5           | 80            |      | P  |
| Mercury  | mg/Kg | 80 - 120               | 0.26             |   | 0.027            |   | 0.26           | 91            |      | CV |
| Silver   | mg/Kg | 75 - 125               | 2.59             |   | 0.42             | U | 3.10           | 84            |      | P  |
| Zinc     | mg/Kg | 75 - 125               | 33.0             |   | 26.8             |   | 8.30           | 74            | N    | P  |

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2592  
**Contract:** PARS02 **Lab Code:** ACE  
**Matrix:** Solid **Sample ID:** Q2590-01 **Client ID:** NB-07-071125DUP  
**Percent Solids for Sample:** 96.6 **Duplicate ID** Q2590-01DUP **Percent Solids for Spike Sample:** 96.6

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Aluminum  | mg/Kg | 20               | 4310          |   | 4530             |   | 5   |      | P  |
| Antimony  | mg/Kg | 20               | 1.19          | J | 1.30             | J | 9   |      | P  |
| Arsenic   | mg/Kg | 20               | 1.94          |   | 2.16             |   | 11  |      | P  |
| Barium    | mg/Kg | 20               | 45.5          |   | 45.9             |   | 1   |      | P  |
| Beryllium | mg/Kg | 20               | 0.34          |   | 0.37             |   | 7   |      | P  |
| Cadmium   | mg/Kg | 20               | 0.25          | U | 0.27             | U |     |      | P  |
| Calcium   | mg/Kg | 20               | 2640          |   | 2850             |   | 8   |      | P  |
| Chromium  | mg/Kg | 20               | 14.4          |   | 15.2             |   | 5   |      | P  |
| Cobalt    | mg/Kg | 20               | 5.95          |   | 6.24             |   | 5   |      | P  |
| Copper    | mg/Kg | 20               | 34.9          |   | 38.0             |   | 9   |      | P  |
| Iron      | mg/Kg | 20               | 9610          |   | 10300            |   | 7   |      | P  |
| Lead      | mg/Kg | 20               | 16.4          |   | 17.7             |   | 8   |      | P  |
| Magnesium | mg/Kg | 20               | 3040          |   | 3170             |   | 4   |      | P  |
| Manganese | mg/Kg | 20               | 191           |   | 205              |   | 7   |      | P  |
| Mercury   | mg/Kg | 20               | 0.027         |   | 0.026            |   | 4   |      | CV |
| Nickel    | mg/Kg | 20               | 10.2          |   | 10.8             |   | 5   |      | P  |
| Potassium | mg/Kg | 20               | 1210          |   | 1190             |   | 2   |      | P  |
| Selenium  | mg/Kg | 20               | 2.37          |   | 2.53             |   | 7   |      | P  |
| Silver    | mg/Kg | 20               | 0.42          | U | 0.45             | U |     |      | P  |
| Sodium    | mg/Kg | 20               | 110           |   | 120              |   | 9   |      | P  |
| Thallium  | mg/Kg | 20               | 1.67          | U | 1.80             | U |     |      | P  |
| Vanadium  | mg/Kg | 20               | 15.1          |   | 15.9             |   | 5   |      | P  |
| Zinc      | mg/Kg | 20               | 26.8          |   | 28.6             |   | 6   |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **Level:** LOW    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE  
**Matrix:** Solid    **Sample ID:** Q2590-01MS    **Client ID:** NB-07-071125MSD  
**Percent Solids for Sample:** 96.6    **Duplicate ID** Q2590-01MSD    **Percent Solids for Spike Sample:** 96.6

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Aluminum  | mg/Kg | 20               | 5140          |   | 5010             |   | 3   |      | P  |
| Antimony  | mg/Kg | 20               | 17.0          |   | 16.5             |   | 3   |      | P  |
| Arsenic   | mg/Kg | 20               | 38.5          |   | 38.7             |   | 1   |      | P  |
| Barium    | mg/Kg | 20               | 53.1          |   | 52.6             |   | 1   |      | P  |
| Beryllium | mg/Kg | 20               | 9.16          |   | 9.04             |   | 1   |      | P  |
| Cadmium   | mg/Kg | 20               | 9.77          |   | 9.80             |   | 0   |      | P  |
| Calcium   | mg/Kg | 20               | 2060          |   | 1900             |   | 8   |      | P  |
| Chromium  | mg/Kg | 20               | 30.4          |   | 29.7             |   | 2   |      | P  |
| Cobalt    | mg/Kg | 20               | 16.0          |   | 16.0             |   | 0   |      | P  |
| Copper    | mg/Kg | 20               | 37.9          |   | 40.8             |   | 7   |      | P  |
| Iron      | mg/Kg | 20               | 10500         |   | 10300            |   | 2   |      | P  |
| Lead      | mg/Kg | 20               | 65.6          |   | 65.0             |   | 1   |      | P  |
| Magnesium | mg/Kg | 20               | 3000          |   | 2910             |   | 3   |      | P  |
| Manganese | mg/Kg | 20               | 227           |   | 218              |   | 4   |      | P  |
| Mercury   | mg/Kg | 20               | 0.18          |   | 0.20             |   | 12  |      | CV |
| Nickel    | mg/Kg | 20               | 35.7          |   | 35.5             |   | 1   |      | P  |
| Potassium | mg/Kg | 20               | 1600          |   | 1650             |   | 3   |      | P  |
| Selenium  | mg/Kg | 20               | 77.9          |   | 77.4             |   | 1   |      | P  |
| Silver    | mg/Kg | 20               | 1.43          |   | 1.39             |   | 3   |      | P  |
| Sodium    | mg/Kg | 20               | 252           |   | 246              |   | 2   |      | P  |
| Thallium  | mg/Kg | 20               | 92.1          |   | 92.4             |   | 0   |      | P  |
| Vanadium  | mg/Kg | 20               | 28.6          |   | 28.7             |   | 0   |      | P  |
| Zinc      | mg/Kg | 20               | 39.1          |   | 38.2             |   | 2   |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc. SDG No.: Q2592  
 Contract: PARS02 Lab Code: ACE

| Analyte    | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|------------|-------|------------|--------|---|------------|-------------------|---|
| PB168846BS |       |            |        |   |            |                   |   |
| Aluminum   | mg/Kg | 100        | 101    |   | 101        | 80 - 120          | P |
| Antimony   | mg/Kg | 40.0       | 40.1   |   | 100        | 80 - 120          | P |
| Arsenic    | mg/Kg | 40.0       | 35.5   |   | 89         | 80 - 120          | P |
| Barium     | mg/Kg | 10.0       | 10.2   |   | 102        | 80 - 120          | P |
| Beryllium  | mg/Kg | 10.0       | 10.3   |   | 103        | 80 - 120          | P |
| Cadmium    | mg/Kg | 10.0       | 9.35   |   | 94         | 80 - 120          | P |
| Calcium    | mg/Kg | 50.0       | 50.2   | J | 100        | 80 - 120          | P |
| Chromium   | mg/Kg | 20.0       | 19.6   |   | 98         | 80 - 120          | P |
| Cobalt     | mg/Kg | 10.0       | 9.66   |   | 97         | 80 - 120          | P |
| Copper     | mg/Kg | 15.0       | 16.0   |   | 107        | 80 - 120          | P |
| Iron       | mg/Kg | 150        | 162    |   | 108        | 80 - 120          | P |
| Lead       | mg/Kg | 50.0       | 46.8   |   | 94         | 80 - 120          | P |
| Magnesium  | mg/Kg | 100        | 101    |   | 101        | 80 - 120          | P |
| Manganese  | mg/Kg | 10.0       | 9.98   |   | 100        | 80 - 120          | P |
| Nickel     | mg/Kg | 25.0       | 24.3   |   | 97         | 80 - 120          | P |
| Potassium  | mg/Kg | 500        | 507    |   | 101        | 80 - 120          | P |
| Selenium   | mg/Kg | 100        | 97.2   |   | 97         | 80 - 120          | P |
| Silver     | mg/Kg | 3.8        | 3.68   |   | 97         | 80 - 120          | P |
| Sodium     | mg/Kg | 150        | 137    |   | 91         | 80 - 120          | P |
| Thallium   | mg/Kg | 100        | 98.8   |   | 99         | 80 - 120          | P |
| Vanadium   | mg/Kg | 15.0       | 14.6   |   | 97         | 80 - 120          | P |
| Zinc       | mg/Kg | 10.0       | 10.4   |   | 104        | 80 - 120          | P |

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

Lab Code: ACE

| Analyte               | Units | True Value | Result | C | % Recovery | Acceptance Limits | M  |
|-----------------------|-------|------------|--------|---|------------|-------------------|----|
| PB168891BS<br>Mercury | mg/Kg | 0.24       | 0.24   |   | 100        | 80 - 120          | CV |

**Metals**  
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**ICP SERIAL DILUTIONS**

SAMPLE NO.

NB-07-071125L

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **Lb No.:** lb136534 **Lab Sample ID :** Q2590-01L **SDG No.:** Q2592  
**Matrix (soil/water):** Solid **Level (low/med):** LOW  
**Concentration Units:** mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-<br>ence | Q | M  |
|-----------|---------------------------|---|----------------------------|---|-------------------|---|----|
| Aluminum  | 4310                      |   | 4530                       |   | 5                 |   | P  |
| Antimony  | 1.19                      | J | 1.01                       | J | 15                |   | P  |
| Arsenic   | 1.94                      |   | 2.06                       | J | 6                 |   | P  |
| Barium    | 45.5                      |   | 46.2                       |   | 2                 |   | P  |
| Beryllium | 0.34                      |   | 0.40                       | J | 16                |   | P  |
| Cadmium   | 0.25                      | U | 1.25                       | U |                   |   | P  |
| Calcium   | 2640                      |   | 2870                       |   | 9                 |   | P  |
| Chromium  | 14.4                      |   | 15.3                       |   | 6                 |   | P  |
| Cobalt    | 5.95                      |   | 6.23                       | J | 5                 |   | P  |
| Copper    | 34.9                      |   | 39.9                       |   | 14                |   | P  |
| Iron      | 9610                      |   | 11800                      |   | 23                |   | P  |
| Lead      | 16.4                      |   | 16.6                       |   | 1                 |   | P  |
| Magnesium | 3040                      |   | 3270                       |   | 7                 |   | P  |
| Manganese | 191                       |   | 206                        |   | 8                 |   | P  |
| Mercury   | 0.027                     |   | 0.065                      | U | 100.0             |   | CV |
| Nickel    | 10.2                      |   | 9.53                       |   | 7                 |   | P  |
| Potassium | 1210                      |   | 1100                       |   | 10                |   | P  |
| Selenium  | 2.37                      |   | 2.26                       | J | 4                 |   | P  |
| Silver    | 0.42                      | U | 2.09                       | U |                   |   | P  |
| Sodium    | 110                       |   | 126                        | J | 14                |   | P  |
| Thallium  | 1.67                      | U | 8.35                       | U |                   |   | P  |
| Vanadium  | 15.1                      |   | 15.3                       |   | 2                 |   | P  |
| Zinc      | 26.8                      |   | 28.9                       |   | 8                 |   | P  |





# METAL PREPARATION & INSTRUMENT DATA

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**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |            |           |           |
|-----------|-------------------------|------------------------------------------|------------|------------|-----------|-----------|
|           |                         | Al                                       | Ca         | Fe         | Mg        | Ag        |
| Aluminum  | 396.100                 | 0.0000000                                | -0.0002060 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000930  | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000  | 0.0007850  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | -0.0000920                               | 0.0000000  | 0.0000380  | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0001050  | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMEN CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |            |
|-----------|-------------------------|----------------------------------------|-----------|-----------|-----------|------------|
|           |                         | As                                     | Ba        | Be        | Cd        | Co         |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Calcium   | 373.690                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron      | 240.488                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead      | 220.353                 | 0.0000000                              | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Magnesium | 279.079                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Sodium    | 589.592                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900  |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |            |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|------------|------------|
|           |                         | Cr                                       | Cu        | K         | Mn         | Mo         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000590 | 0.0000000  | 0.0396900  |
| Antimony  | 206.833                 | 0.0122000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Arsenic   | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000  | 0.0004900  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200  | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0007860 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0006510  | 0.0020500  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000730 | 0.0000000  | -0.0015250 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400  | -0.0008600 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460  | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0000120 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0017400  | -0.0100400 |
| Vanadium  | 292.402                 | -0.0025100                               | 0.0000000 | 0.0000000 | 0.0000000  | -0.0072000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000  | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|           |                         | Na                                       | Ni         | Pb        | Sb        | Se        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |            |           |
|-----------|-------------------------|----------------------------------------|------------|-----------|------------|-----------|
|           |                         | Sn                                     | Ti         | Tl        | V          | Zn        |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Antimony  | 206.833                 | -0.0035600                             | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000630  | 0.0001280 | 0.0000000  | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0001110  | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0018800  | 0.0000000 | 0.0000000  | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                              | 0.0003840  | 0.0000000 | 0.0000000  | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                              | -0.0003610 | 0.0000000 | 0.0000000  | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                              | -0.0007420 | 0.0000000 | 0.0000000  | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                              | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0005320  | 0.0000000 | 0.0000000  | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE    **Method:** \_\_\_\_\_

| Sample ID                     | Client ID        | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB168846</b> |                  |             |        |            |                        |                          |                |
| PB168846BL                    | PB168846BL       | MB          | SOLID  | 07/14/2025 | 2.00                   | 100.0                    | 100.00         |
| PB168846BS                    | PB168846BS       | LCS         | SOLID  | 07/14/2025 | 2.00                   | 100.0                    | 100.00         |
| Q2590-01DUP                   | NB-07-071125DUP  | DUP         | SOLID  | 07/14/2025 | 2.30                   | 100.0                    | 96.60          |
| Q2590-01MS                    | NB-07-071125MS   | MS          | SOLID  | 07/14/2025 | 2.18                   | 100.0                    | 96.60          |
| Q2590-01MSD                   | NB-07-071125MSD  | MSD         | SOLID  | 07/14/2025 | 2.16                   | 100.0                    | 96.60          |
| Q2592-01                      | WC-SOIL-20250711 | SAM         | SOLID  | 07/14/2025 | 2.23                   | 100.0                    | 76.70          |



**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE    **Method:** \_\_\_\_\_

| Sample ID                     | Client ID        | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB168891</b> |                  |             |        |            |                        |                          |                |
| PB168891BL                    | PB168891BL       | MB          | SOLID  | 07/15/2025 | 0.56                   | 35.0                     | 100.00         |
| PB168891BS                    | PB168891BS       | LCS         | SOLID  | 07/15/2025 | 0.59                   | 35.0                     | 100.00         |
| Q2590-01DUP                   | NB-7-071125DUP   | DUP         | SOLID  | 07/15/2025 | 0.57                   | 35.0                     | 96.60          |
| Q2590-01MS                    | NB-07-071125MS   | MS          | SOLID  | 07/15/2025 | 0.58                   | 35.0                     | 96.60          |
| Q2590-01MSD                   | NB-07-071125MSD  | MSD         | SOLID  | 07/15/2025 | 0.56                   | 35.0                     | 96.60          |
| Q2592-01                      | WC-SOIL-20250711 | SAM         | SOLID  | 07/15/2025 | 0.57                   | 35.0                     | 76.70          |

**metals**  
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**ANALYSIS RUN LOG**

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

**Contract:** PARS02

**Lab code:** ACE

**Sdg no.:** Q2592

**Instrument id number:**                      **Method:**                     

**Run number:** LB136499

**Start date:** 07/16/2025 **End date:** 07/16/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 1142 | HG             |
| S0.2           | S0.2             | 1   | 1144 | HG             |
| S2.5           | S2.5             | 1   | 1146 | HG             |
| S5             | S5               | 1   | 1149 | HG             |
| S7.5           | S7.5             | 1   | 1151 | HG             |
| S10            | S10              | 1   | 1153 | HG             |
| ICV29          | ICV29            | 1   | 1156 | HG             |
| ICB29          | ICB29            | 1   | 1159 | HG             |
| CCV09          | CCV09            | 1   | 1201 | HG             |
| CCB09          | CCB09            | 1   | 1203 | HG             |
| CRA            | CRA              | 1   | 1206 | HG             |
| PB168891BL     | PB168891BL       | 1   | 1212 | HG             |
| PB168891BS     | PB168891BS       | 1   | 1219 | HG             |
| Q2590-01DUP    | NB-7-071125DUP   | 1   | 1234 | HG             |
| Q2590-01MS     | NB-07-071125MS   | 1   | 1236 | HG             |
| CCV10          | CCV10            | 1   | 1238 | HG             |
| CCB10          | CCB10            | 1   | 1243 | HG             |
| Q2590-01MSD    | NB-07-071125MSD  | 1   | 1245 | HG             |
| Q2592-01       | WC-SOIL-20250711 | 1   | 1248 | HG             |
| CCV11          | CCV11            | 1   | 1312 | HG             |
| CCB11          | CCB11            | 1   | 1314 | HG             |
| CCV12          | CCV12            | 1   | 1340 | HG             |
| CCB12          | CCB12            | 1   | 1342 | HG             |
| CCV13          | CCV13            | 1   | 1407 | HG             |
| CCB13          | CCB13            | 1   | 1410 | HG             |
| Q2590-01L      | NB-7-071125L     | 5   | 1414 | HG             |
| Q2590-01A      | NB-7-071125A     | 1   | 1417 | HG             |
| CCV14          | CCV14            | 1   | 1425 | HG             |
| CCB14          | CCB14            | 1   | 1428 | HG             |

**metals**  
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**ANALYSIS RUN LOG**

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

**Contract:** PARS02

**Lab code:** ACE

**Sdg no.:** Q2592

**Instrument id number:**
**Method:**
**Run number:** LB136534

**Start date:** 07/17/2025

**End date:** 07/17/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1323 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1328 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1333 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1338 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1343 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1348 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1414 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1424 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1429 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1439 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1446 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1451 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1456 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1501 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1544 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1549 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03          | CCV03            | 1   | 1718 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1736 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2592-01       | WC-SOIL-20250711 | 1   | 1806 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2590-01A      | NB-07-071125A    | 1   | 1840 | Ag,Cu,Sb,Zn                                                     |
| CCV04          | CCV04            | 1   | 1845 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1850 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB168846BL     | PB168846BL       | 1   | 1858 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB168846BS     | PB168846BS       | 1   | 1916 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2590-01DUP    | NB-07-071125DUP  | 1   | 1941 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2590-01MS     | NB-07-071125MS   | 1   | 1951 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2590-01MSD    | NB-07-071125MSD  | 1   | 1956 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2590-01L      | NB-07-071125L    | 5   | 2001 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05            | 1   | 2011 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05            | 1   | 2016 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06          | CCV06            | 1   | 2046 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06          | CCB06            | 1   | 2051 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test              | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------|-------------|-------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> |                   |        | <b>07/11/25</b> |           |           | <b>07/11/25</b> |
|                 |                         |             | Mercury           | 7471B  |                 | 07/15/25  | 07/16/25  |                 |
|                 |                         |             | Metals ICP-Group1 | 6010D  |                 | 07/14/25  | 07/17/25  |                 |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>TCLP</b> |                   |        | <b>07/11/25</b> |           |           | <b>07/11/25</b> |
|                 |                         |             | TCLP ICP Metals   | 6010D  |                 | 07/16/25  | 07/17/25  |                 |
|                 |                         |             | TCLP Mercury      | 7470A  |                 | 07/16/25  | 07/17/25  |                 |

**Hit Summary Sheet**  
**SW-846**

|                 |                                       |                    |                                |
|-----------------|---------------------------------------|--------------------|--------------------------------|
| <b>SDG No.:</b> | Q2592                                 | <b>Order ID:</b>   | Q2592                          |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project ID:</b> | Con Edison - East River Site 2 |

| Sample ID                           | Client ID        | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-------------------------------------|------------------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : WC-SOIL-20250711</b> |                  |        |           |               |   |      |      |       |
| Q2592-02                            | WC-SOIL-20250711 | TCLP   | Barium    | 708           |   | 72.8 | 500  | ug/L  |
| Q2592-02                            | WC-SOIL-20250711 | TCLP   | Cadmium   | 10.2          | J | 2.50 | 30.0 | ug/L  |
| Q2592-02                            | WC-SOIL-20250711 | TCLP   | Lead      | 21.5          | J | 11.5 | 60.0 | ug/L  |



# SAMPLE DATA

A

B

C

D

E

F

G

H

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 |
| Project:          | Con Edison - East River Site 2        | Date Received:  | 07/11/25 |
| Client Sample ID: | WC-SOIL-20250711                      | SDG No.:        | Q2592    |
| Lab Sample ID:    | Q2592-02                              | Matrix:         | TCLP     |
| Level (low/med):  | low                                   | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-38-2 | Arsenic   | 100   | U    | 1  | 25.6 | 100        | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 708   |      | 1  | 72.8 | 500        | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 10.2  | J    | 1  | 2.50 | 30.0       | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 50.0  | U    | 1  | 10.6 | 50.0       | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 21.5  | J    | 1  | 11.5 | 60.0       | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 2.00  | UN   | 1  | 0.76 | 2.00       | ug/L  | 07/16/25 14:40 | 07/17/25 10:48 | 7470A    |           |
| 7782-49-2 | Selenium  | 100   | U    | 1  | 48.2 | 100        | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 50.0  | U    | 1  | 8.10 | 50.0       | ug/L  | 07/16/25 12:30 | 07/17/25 15:07 | 6010D    | SW3050    |

|               |             |                 |       |            |
|---------------|-------------|-----------------|-------|------------|
| Color Before: | Colorless   | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless   | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP METALS |                 |       |            |

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

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



# METAL CALIBRATION DATA

A

B

C

D

E

F

G

H



**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV31     | Mercury | 3.70           | 4.0        | 92            | 90 - 110                  | CV | 07/17/2025       | 10:07            | LB136516      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV18     | Mercury | 5.00           | 5.0        | 100           | 90 - 110                  | CV | 07/17/2025       | 10:14            | LB136516      |
| CCV19     | Mercury | 5.17           | 5.0        | 103           | 90 - 110                  | CV | 07/17/2025       | 11:03            | LB136516      |
| CCV20     | Mercury | 5.33           | 5.0        | 106           | 90 - 110                  | CV | 07/17/2025       | 11:30            | LB136516      |
| CCV21     | Mercury | 5.21           | 5.0        | 104           | 90 - 110                  | CV | 07/17/2025       | 11:53            | LB136516      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 3980           | 4000       | 100           | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Barium   | 8280           | 8000       | 104           | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Cadmium  | 1980           | 2000       | 99            | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Chromium | 865            | 800        | 108           | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Lead     | 3890           | 4000       | 97            | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Selenium | 4020           | 4000       | 101           | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |
|           | Silver   | 1070           | 1000       | 107           | 90 - 110                  | P | 07/17/2025       | 13:30            | LB136533      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Arsenic  | 23.3           | 20.0       | 117           | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Barium   | 104            | 100        | 104           | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Cadmium  | 5.95           | 6.0        | 99            | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Chromium | 9.40           | 10.0       | 94            | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Lead     | 9.70           | 12.0       | 81            | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Selenium | 19.4           | 20.0       | 97            | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |
|           | Silver   | 11.0           | 10.0       | 110           | 80 - 120                  | P | 07/17/2025       | 13:37            | LB136533      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

|                                       |                                              |                  |              |
|---------------------------------------|----------------------------------------------|------------------|--------------|
| <b>Client:</b>                        | <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b>  | <u>Q2592</u> |
| <b>Contract:</b>                      | <u>PARS02</u>                                | <b>Lab Code:</b> | <u>ACE</u>   |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>                                   |                  |              |
| <b>Continuing Calibration Source:</b> | <u>Inorganic Ventures</u>                    |                  |              |

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 5140           | 5000       | 103           | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Barium   | 10400          | 10000      | 104           | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Cadmium  | 2480           | 2500       | 99            | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Chromium | 948            | 1000       | 95            | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Lead     | 4940           | 5000       | 99            | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Selenium | 5190           | 5000       | 104           | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
|           | Silver   | 1270           | 1250       | 101           | 90 - 110                  | P | 07/17/2025       | 14:20            | LB136533      |
| CCV02     | Arsenic  | 5110           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Barium   | 10600          | 10000      | 106           | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Chromium | 947            | 1000       | 95            | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Lead     | 4870           | 5000       | 97            | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Selenium | 5190           | 5000       | 104           | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
|           | Silver   | 1290           | 1250       | 103           | 90 - 110                  | P | 07/17/2025       | 14:58            | LB136533      |
| CCV03     | Arsenic  | 5100           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Barium   | 10500          | 10000      | 105           | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Chromium | 940            | 1000       | 94            | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Lead     | 4870           | 5000       | 98            | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Selenium | 5160           | 5000       | 103           | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
|           | Silver   | 1270           | 1250       | 102           | 90 - 110                  | P | 07/17/2025       | 15:50            | LB136533      |
| CCV04     | Arsenic  | 5100           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Barium   | 10400          | 10000      | 104           | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Cadmium  | 2430           | 2500       | 97            | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Chromium | 923            | 1000       | 92            | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Lead     | 4850           | 5000       | 97            | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Selenium | 5170           | 5000       | 103           | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 07/17/2025       | 16:42            | LB136533      |
| CCV05     | Arsenic  | 5040           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
|           | Barium   | 10700          | 10000      | 108           | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
|           | Cadmium  | 2410           | 2500       | 96            | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
|           | Chromium | 933            | 1000       | 93            | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
|           | Lead     | 4860           | 5000       | 97            | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
|           | Selenium | 5120           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc.

Contract: PARS02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2592

Lab Code: ACE

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1280           | 1250       | 102           | 90 - 110                  | P | 07/17/2025       | 17:58            | LB136533      |
| CCV06     | Arsenic  | 5060           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Barium   | 10400          | 10000      | 104           | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Cadmium  | 2430           | 2500       | 97            | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Chromium | 909            | 1000       | 91            | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Lead     | 4870           | 5000       | 97            | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Selenium | 5120           | 5000       | 102           | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 07/17/2025       | 19:24            | LB136533      |
| CCV07     | Arsenic  | 5000           | 5000       | 100           | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Barium   | 10400          | 10000      | 104           | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Cadmium  | 2410           | 2500       | 96            | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Chromium | 924            | 1000       | 92            | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Lead     | 4830           | 5000       | 97            | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Selenium | 5040           | 5000       | 101           | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |
|           | Silver   | 1250           | 1250       | 100           | 90 - 110                  | P | 07/17/2025       | 20:16            | LB136533      |



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

### Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2592  
**Contract:** PARS02 **Lab Code:** ACE  
**Initial Calibration Source:** \_\_\_\_\_  
**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRA</b>   | Mercury  | 0.23           | 0.2                | 116           | 70 - 130                  | CV | 07/17/2025       | 10:26            | LB136516      |
| <b>CRI01</b> | Arsenic  | 18.9           | 20.0               | 95            | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Barium   | 103            | 100                | 103           | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Cadmium  | 5.94           | 6.0                | 99            | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Chromium | 9.06           | 10.0               | 91            | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Lead     | 11.1           | 12.0               | 92            | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Selenium | 18.7           | 20.0               | 94            | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |
|              | Silver   | 10.8           | 10.0               | 108           | 65 - 135                  | P  | 07/17/2025       | 13:46            | LB136533      |



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

### Metals

- 3a -

#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB31     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/17/2025       | 10:12            | LB136516      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB18     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/17/2025       | 10:21            | LB136516      |
| CCB19     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/17/2025       | 11:05            | LB136516      |
| CCB20     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/17/2025       | 11:35            | LB136516      |
| CCB21     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 07/17/2025       | 11:55            | LB136516      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 13:41            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 13:41            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 13:41            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 13:41            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 13:41            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 13:41            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 13:41            | LB136533      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:25            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 14:25            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 14:25            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 14:25            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 14:25            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 14:25            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 14:25            | LB136533      |
| CCB02     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:02            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 15:02            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:02            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:02            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 15:02            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:02            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:02            | LB136533      |
| CCB03     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:56            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 15:56            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 15:56            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:56            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 15:56            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 15:56            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 15:56            | LB136533      |
| CCB04     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 16:46            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 16:46            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 16:46            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 16:46            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 16:46            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 16:46            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 16:46            | LB136533      |
| CCB05     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:02            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 18:02            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 18:02            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 18:02            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 18:02            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 18:02            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 18:02            | LB136533      |
| CCB06     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 19:28            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 19:28            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 19:28            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 19:28            | LB136533      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 19:28            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 19:28            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 19:28            | LB136533      |
| CCB07     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:20            | LB136533      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 07/17/2025       | 20:20            | LB136533      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 07/17/2025       | 20:20            | LB136533      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:20            | LB136533      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 07/17/2025       | 20:20            | LB136533      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 07/17/2025       | 20:20            | LB136533      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 07/17/2025       | 20:20            | LB136533      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>pb168847TB</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168893</b> |    | <b>Prep Date:</b> | <b>07/16/2025</b> |          |
|                   | Mercury | 0.76             | <2                  | U                    | 2.00            | CV | 07/17/2025        | 11:38             | LB136516 |
| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB168893BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168893</b> |    | <b>Prep Date:</b> | <b>07/16/2025</b> |          |
|                   | Mercury | 0.094            | <0.2                | J                    | 0.20            | CV | 07/17/2025        | 10:41             | LB136516 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

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

**SDG No.:** Q2592

**Instrument:** P4

| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|----------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB168847TB</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168888</b> |   | <b>Prep Date:</b> | <b>07/16/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 07/17/2025        | 16:50             | LB136533 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 07/17/2025        | 16:50             | LB136533 |
| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB168888BL</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168888</b> |   | <b>Prep Date:</b> | <b>07/16/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 07/17/2025        | 16:33             | LB136533 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 07/17/2025        | 16:33             | LB136533 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                                             |                                 |
|-------------------------------------------------------------|---------------------------------|
| <b>Client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b> <u>Q2592</u>    |
| <b>Contract:</b> <u>PARS02</u>                              | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>                               | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Arsenic  | 9.77           |                    |               | -20                    | 20                      | 07/17/2025       | 13:51            | LB136533      |
|           | Barium   | 1.77           | 6.0                | 30            | -94                    | 106                     | 07/17/2025       | 13:51            | LB136533      |
|           | Cadmium  | -1.32          | 1.0                | 132           | -5                     | 7                       | 07/17/2025       | 13:51            | LB136533      |
|           | Chromium | 51.4           | 52.0               | 99            | 42                     | 62                      | 07/17/2025       | 13:51            | LB136533      |
|           | Lead     | -4.86          |                    |               | -12                    | 12                      | 07/17/2025       | 13:51            | LB136533      |
|           | Selenium | 10.3           |                    |               | -20                    | 20                      | 07/17/2025       | 13:51            | LB136533      |
|           | Silver   | 2.71           |                    |               | -10                    | 10                      | 07/17/2025       | 13:51            | LB136533      |
| ICSAB01   | Arsenic  | 109            | 104                | 105           | 88.4                   | 120                     | 07/17/2025       | 13:56            | LB136533      |
|           | Barium   | 520            | 537                | 97            | 437                    | 637                     | 07/17/2025       | 13:56            | LB136533      |
|           | Cadmium  | 976            | 972                | 100           | 826                    | 1120                    | 07/17/2025       | 13:56            | LB136533      |
|           | Chromium | 512            | 542                | 94            | 460                    | 624                     | 07/17/2025       | 13:56            | LB136533      |
|           | Lead     | 41.1           | 49.0               | 84            | 37                     | 61                      | 07/17/2025       | 13:56            | LB136533      |
|           | Selenium | 57.8           | 46.0               | 126           | 26                     | 66                      | 07/17/2025       | 13:56            | LB136533      |
|           | Silver   | 218            | 201                | 108           | 170                    | 232                     | 07/17/2025       | 13:56            | LB136533      |



# METAL QC DATA

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**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2592  
**contract:** PARS02    **lab code:** ACE  
**matrix:** Water    **sample id:** Q2614-06    **client id:** HR-MCN-COMP-01MS  
**Percent Solids for Sample:** NA    **Spiked ID:** Q2614-06MS    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 75 - 125               | 4090             |   | 100              | U | 4000           | 102           |      | P  |
| Barium   | ug/L  | 75 - 125               | 2000             |   | 777              |   | 1000           | 122           |      | P  |
| Cadmium  | ug/L  | 75 - 125               | 964              |   | 30.0             | U | 1000           | 96            |      | P  |
| Chromium | ug/L  | 75 - 125               | 1800             |   | 50.0             | U | 2000           | 90            |      | P  |
| Lead     | ug/L  | 75 - 125               | 4620             |   | 60.0             | U | 5000           | 92            |      | P  |
| Mercury  | ug/L  | 75 - 125               | 26.6             |   | 2.00             | U | 40.0           | 66            | N    | CV |
| Selenium | ug/L  | 75 - 125               | 10400            |   | 100              | U | 10000          | 104           |      | P  |
| Silver   | ug/L  | 75 - 125               | 378              |   | 50.0             | U | 380            | 100           |      | P  |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2592  
**contract:** PARS02    **lab code:** ACE  
**matrix:** Water    **sample id:** Q2614-06    **client id:** HR-MCN-COMP-01MSD  
**Percent Solids for Sample:** NA    **Spiked ID:** Q2614-06MSD    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 75 - 125               | 4040          |   | 100              | U | 4000           | 101           |      | P  |
| Barium   | ug/L  | 75 - 125               | 1930          |   | 777              |   | 1000           | 115           |      | P  |
| Cadmium  | ug/L  | 75 - 125               | 945           |   | 30.0             | U | 1000           | 94            |      | P  |
| Chromium | ug/L  | 75 - 125               | 1780          |   | 50.0             | U | 2000           | 89            |      | P  |
| Lead     | ug/L  | 75 - 125               | 4520          |   | 60.0             | U | 5000           | 90            |      | P  |
| Mercury  | ug/L  | 75 - 125               | 31.5          |   | 2.00             | U | 40.0           | 79            |      | CV |
| Selenium | ug/L  | 75 - 125               | 10200         |   | 100              | U | 10000          | 102           |      | P  |
| Silver   | ug/L  | 75 - 125               | 371           |   | 50.0             | U | 380            | 98            |      | P  |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                                                             |                                    |                                          |
|-------------------------------------------------------------|------------------------------------|------------------------------------------|
| <b>Client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b> <u>Q2592</u>       |                                          |
| <b>Contract:</b> <u>PARS02</u>                              | <b>Lab Code:</b> <u>ACE</u>        |                                          |
| <b>Matrix:</b> <u>Water</u>                                 | <b>Level:</b> <u>LOW</u>           | <b>Client ID:</b> <u>HR-MCN-COMP-01A</u> |
| <b>Sample ID:</b> <u>Q2614-06</u>                           | <b>Spiked ID:</b> <u>Q2614-06A</u> |                                          |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 42.6             |   | 2.00             | U | 40.0           | 106           |      | CV |

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **Level:** LOW    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE  
**Matrix:** Water    **Sample ID:** Q2614-06    **Client ID:** HR-MCN-COMP-01DUP  
**Percent Solids for Sample:** NA    **Duplicate ID** Q2614-06DUP    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M  |
|----------|-------|------------------|---------------|---|------------------|---|-------|------|----|
| Arsenic  | ug/L  | 20               | 100           | U | 100              | U |       |      | P  |
| Barium   | ug/L  | 20               | 777           |   | 795              |   | 2     |      | P  |
| Cadmium  | ug/L  | 20               | 30.0          | U | 30.0             | U |       |      | P  |
| Chromium | ug/L  | 20               | 50.0          | U | 50.0             | U |       |      | P  |
| Lead     | ug/L  | 20               | 60.0          | U | 11.8             | J | 200.0 |      | P  |
| Mercury  | ug/L  | 20               | 2.00          | U | 2.00             | U |       |      | CV |
| Selenium | ug/L  | 20               | 100           | U | 100              | U |       |      | P  |
| Silver   | ug/L  | 20               | 50.0          | U | 50.0             | U |       |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **Level:** LOW    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE  
**Matrix:** Water    **Sample ID:** Q2614-06MS    **Client ID:** HR-MCN-COMP-01MSD  
**Percent Solids for Sample:** NA    **Duplicate ID** Q2614-06MSD    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Arsenic  | ug/L  | 20               | 4090          |   | 4040             |   | 1   |      | P  |
| Barium   | ug/L  | 20               | 2000          |   | 1930             |   | 4   |      | P  |
| Cadmium  | ug/L  | 20               | 964           |   | 945              |   | 2   |      | P  |
| Chromium | ug/L  | 20               | 1800          |   | 1780             |   | 1   |      | P  |
| Lead     | ug/L  | 20               | 4620          |   | 4520             |   | 2   |      | P  |
| Mercury  | ug/L  | 20               | 26.6          |   | 31.5             |   | 17  |      | CV |
| Selenium | ug/L  | 20               | 10400         |   | 10200            |   | 2   |      | P  |
| Silver   | ug/L  | 20               | 378           |   | 371              |   | 2   |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

|                  |                                              |                  |              |
|------------------|----------------------------------------------|------------------|--------------|
| <b>Client:</b>   | <u>PARSONS Engineering of New York, Inc.</u> | <b>SDG No.:</b>  | <u>Q2592</u> |
| <b>Contract:</b> | <u>PARS02</u>                                | <b>Lab Code:</b> | <u>ACE</u>   |

| Analyte    | Units | True Value | Result | C | % Recovery | Acceptance Limits | M |
|------------|-------|------------|--------|---|------------|-------------------|---|
| PB168888BS |       |            |        |   |            |                   |   |
| Arsenic    | ug/L  | 4000       | 4070   |   | 102        | 80 - 120          | P |
| Barium     | ug/L  | 1000       | 1050   |   | 105        | 80 - 120          | P |
| Cadmium    | ug/L  | 1000       | 968    |   | 97         | 80 - 120          | P |
| Chromium   | ug/L  | 2000       | 1850   |   | 92         | 80 - 120          | P |
| Lead       | ug/L  | 5000       | 4810   |   | 96         | 80 - 120          | P |
| Selenium   | ug/L  | 10000      | 10400  |   | 104        | 80 - 120          | P |
| Silver     | ug/L  | 380        | 384    |   | 101        | 80 - 120          | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2592  
**Contract:** PARS02 **Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB168893BS<br>Mercury | ug/L  | 4.0        | 4.48   |   | 112           | 80 - 120             | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

HR-MCN-COMP-01L

**Lab Name:** Alliance **Contract:** PARS02  
**Lab Code:** ACE **Lb No.:** lb136533 **Lab Sample ID :** Q2614-06L **SDG No.:** Q2592  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte  | Initial Sample<br>Result (I) |   | Serial Dilution<br>Result (S) |   | % Differ-<br>ence |  | Q | M  |
|----------|------------------------------|---|-------------------------------|---|-------------------|--|---|----|
|          |                              | C |                               | C |                   |  |   |    |
| Arsenic  | 100                          | U | 500                           | U |                   |  |   | P  |
| Barium   | 777                          |   | 753                           | J | 3                 |  |   | P  |
| Cadmium  | 30.0                         | U | 150                           | U |                   |  |   | P  |
| Chromium | 50.0                         | U | 250                           | U |                   |  |   | P  |
| Lead     | 60.0                         | U | 300                           | U |                   |  |   | P  |
| Mercury  | 2.00                         | U | 10.0                          | U |                   |  |   | CV |
| Selenium | 100                          | U | 500                           | U |                   |  |   | P  |
| Silver   | 50.0                         | U | 250                           | U |                   |  |   | P  |





# METAL PREPARATION & INSTRUMENT DATA

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**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |            |           |           |
|----------|-------------------------|------------------------------------------|-----------|------------|-----------|-----------|
|          |                         | Al                                       | Ca        | Fe         | Mg        | Ag        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000930  | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380  | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | -0.0001490 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | As                                       | Ba        | Be        | Cd        | Co         |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | Cr                                       | Cu        | K         | Mn        | Mo         |
| Arsenic  | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000 | 0.0004900  |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000  |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000120 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |           |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|-----------|
|          |                         | Na                                       | Ni        | Pb        | Sb        | Se        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

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

**SDG No.:** Q2592

**Contract:** PARS02

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|          |                         | Sn                                       | Ti         | Tl        | V         | Zn        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000 | 0.0000000 |



# METAL PREPARATION & ANALYICAL SUMMARY

A

B

C

D

E

F

G

H

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE    **Method:** \_\_\_\_\_

| Sample ID                     | Client ID         | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-------------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB168888</b> |                   |             |        |            |                         |                          |                |
| PB168847TB                    | PB168847TB        | MB          | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| PB168888BL                    | PB168888BL        | MB          | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| PB168888BS                    | PB168888BS        | LCS         | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| Q2592-02                      | WC-SOIL-20250711  | SAM         | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| Q2614-06DUP                   | HR-MCN-COMP-01DUP | DUP         | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| Q2614-06MS                    | HR-MCN-COMP-01MS  | MS          | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |
| Q2614-06MSD                   | HR-MCN-COMP-01MSD | MSD         | WATER  | 07/16/2025 | 5.0                     | 25.0                     |                |



**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **SDG No.:** Q2592  
**Contract:** PARS02    **Lab Code:** ACE    **Method:** \_\_\_\_\_

| Sample ID                     | Client ID         | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-------------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB168893</b> |                   |             |        |            |                         |                          |                |
| pb168847TB                    | pb168847TB        | MB          | WATER  | 07/16/2025 | 3.0                     | 30.0                     |                |
| PB168893BL                    | PB168893BL        | MB          | WATER  | 07/16/2025 | 30.0                    | 30.0                     |                |
| PB168893BS                    | PB168893BS        | LCS         | WATER  | 07/16/2025 | 30.0                    | 30.0                     |                |
| Q2592-02                      | WC-SOIL-20250711  | SAM         | WATER  | 07/16/2025 | 3.0                     | 30.0                     |                |
| Q2614-06DUP                   | HR-MCN-COMP-01DUP | DUP         | WATER  | 07/16/2025 | 3.0                     | 30.0                     |                |
| Q2614-06MS                    | HR-MCN-COMP-01MS  | MS          | WATER  | 07/16/2025 | 3.0                     | 30.0                     |                |
| Q2614-06MSD                   | HR-MCN-COMP-01MSD | MSD         | WATER  | 07/16/2025 | 3.0                     | 30.0                     |                |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

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

**Contract:** PARS02

**Lab code:** ACE

**Sdg no.:** Q2592

**Instrument id number:**                      **Method:**                     

**Run number:** LB136516

**Start date:** 07/17/2025 **End date:** 07/17/2025

| Lab sample id. | Client Sample Id  | d/f | Time | Parameter list |
|----------------|-------------------|-----|------|----------------|
| S0             | S0                | 1   | 0953 | HG             |
| S0.2           | S0.2              | 1   | 0955 | HG             |
| S2.5           | S2.5              | 1   | 0957 | HG             |
| S5             | S5                | 1   | 1000 | HG             |
| S7.5           | S7.5              | 1   | 1002 | HG             |
| S10            | S10               | 1   | 1004 | HG             |
| ICV31          | ICV31             | 1   | 1007 | HG             |
| ICB31          | ICB31             | 1   | 1012 | HG             |
| CCV18          | CCV18             | 1   | 1014 | HG             |
| CCB18          | CCB18             | 1   | 1021 | HG             |
| CRA            | CRA               | 1   | 1026 | HG             |
| PB168893BL     | PB168893BL        | 1   | 1041 | HG             |
| PB168893BS     | PB168893BS        | 1   | 1046 | HG             |
| Q2592-02       | WC-SOIL-20250711  | 1   | 1048 | HG             |
| CCV19          | CCV19             | 1   | 1103 | HG             |
| CCB19          | CCB19             | 1   | 1105 | HG             |
| Q2614-06DUP    | HR-MCN-COMP-01DUP | 1   | 1121 | HG             |
| Q2614-06MS     | HR-MCN-COMP-01MS  | 1   | 1123 | HG             |
| Q2614-06MSD    | HR-MCN-COMP-01MSD | 1   | 1125 | HG             |
| CCV20          | CCV20             | 1   | 1130 | HG             |
| CCB20          | CCB20             | 1   | 1135 | HG             |
| pb168847TB     | pb168847TB        | 1   | 1138 | HG             |
| Q2614-06L      | HR-MCN-COMP-01L   | 5   | 1140 | HG             |
| Q2614-06A      | HR-MCN-COMP-01A   | 1   | 1142 | HG             |
| CCV21          | CCV21             | 1   | 1153 | HG             |
| CCB21          | CCB21             | 1   | 1155 | HG             |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

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

**Contract:** PARS02

**Lab code:** ACE

**Sdg no.:** Q2592

**Instrument id number:**

**Method:**

**Run number:** LB136533

**Start date:** 07/17/2025

**End date:** 07/17/2025

| Lab sample id. | Client Sample Id  | d/f | Time | Parameter list       |
|----------------|-------------------|-----|------|----------------------|
| S0             | S0                | 1   | 1305 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S1             | S1                | 1   | 1309 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S2             | S2                | 1   | 1313 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S3             | S3                | 1   | 1318 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S4             | S4                | 1   | 1322 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S5             | S5                | 1   | 1326 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICV01          | ICV01             | 1   | 1330 | Ag,As,Ba,Cd,Cr,Pb,Se |
| LLICV01        | LLICV01           | 1   | 1337 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICB01          | ICB01             | 1   | 1341 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CRI01          | CRI01             | 1   | 1346 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSA01         | ICSA01            | 1   | 1351 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSAB01        | ICSAB01           | 1   | 1356 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV01          | CCV01             | 1   | 1420 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB01          | CCB01             | 1   | 1425 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV02          | CCV02             | 1   | 1458 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB02          | CCB02             | 1   | 1502 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2592-02       | WC-SOIL-20250711  | 1   | 1507 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV03          | CCV03             | 1   | 1550 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB03          | CCB03             | 1   | 1556 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2614-06DUP    | HR-MCN-COMP-01DUP | 1   | 1612 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2614-06L      | HR-MCN-COMP-01L   | 5   | 1617 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2614-06MS     | HR-MCN-COMP-01MS  | 1   | 1621 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2614-06MSD    | HR-MCN-COMP-01MSD | 1   | 1625 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168888BL     | PB168888BL        | 1   | 1633 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168888BS     | PB168888BS        | 1   | 1638 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV04          | CCV04             | 1   | 1642 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB04          | CCB04             | 1   | 1646 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168847TB     | PB168847TB        | 1   | 1650 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV05          | CCV05             | 1   | 1758 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB05          | CCB05             | 1   | 1802 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV06          | CCV06             | 1   | 1924 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB06          | CCB06             | 1   | 1928 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV07          | CCV07             | 1   | 2016 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB07          | CCB07             | 1   | 2020 | Ag,As,Ba,Cd,Cr,Pb,Se |

## LAB CHRONICLE

|                 |                                       |                   |                                |
|-----------------|---------------------------------------|-------------------|--------------------------------|
| <b>OrderID:</b> | Q2592                                 | <b>OrderDate:</b> | 7/11/2025 3:05:25 PM           |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Edison - East River Site 2 |
| <b>Contact:</b> | Zohar Lavy                            | <b>Location:</b>  | D51,VOA Ref. #2 Soil           |

| LabID           | ClientID                | Matrix      | Test             | Method | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|-------------------------|-------------|------------------|--------|---------------------------|-----------|-------------------|-----------------|
| <b>Q2592-01</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> |                  |        | <b>07/11/25<br/>12:30</b> |           |                   | <b>07/11/25</b> |
|                 |                         |             | pH               | 9045D  |                           |           | 07/15/25<br>09:00 |                 |
| <b>Q2592-02</b> | <b>WC-SOIL-20250711</b> | <b>SOIL</b> |                  |        | <b>07/11/25<br/>12:30</b> |           |                   | <b>07/11/25</b> |
|                 |                         |             | Corrosivity      | 9045D  |                           |           | 07/15/25<br>09:00 |                 |
|                 |                         |             | Ignitability     | 1030   |                           |           | 07/15/25<br>14:07 |                 |
|                 |                         |             | Reactive Cyanide | 9012B  |                           | 07/16/25  | 07/16/25<br>12:23 |                 |
|                 |                         |             | Reactive Sulfide | 9034   |                           | 07/16/25  | 07/16/25<br>14:38 |                 |



# SAMPLE DATA

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 12:30 |
| Project:          | Con Edison - East River Site 2        | Date Received:  | 07/11/25       |
| Client Sample ID: | WC-SOIL-20250711                      | SDG No.:        | Q2592          |
| Lab Sample ID:    | Q2592-01                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 76.7           |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|-----|------------|-------|-----------|----------------|----------|
| pH        | 6.94  | H    | 1  | 0   | 0          | pH    |           | 07/15/25 09:00 | 9045D    |

Comments: pH result reported at temperature 22.8 °C

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

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | PARSONS Engineering of New York, Inc. | Date Collected: | 07/11/25 12:30 |
| Project:          | Con Edison - East River Site 2        | Date Received:  | 07/11/25       |
| Client Sample ID: | WC-SOIL-20250711                      | SDG No.:        | Q2592          |
| Lab Sample ID:    | Q2592-02                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 100            |

| Parameter        | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. |
|------------------|-------|------|----|--------|------------|-------|----------------|----------------|----------|
| Corrosivity      | 6.94  | H    | 1  | 0      | 0          | pH    |                | 07/15/25 09:00 | 9045D    |
| Ignitability     | NO    |      | 1  | 0      | 0          | oC    |                | 07/15/25 14:07 | 1030     |
| Reactive Cyanide | 0.049 | U    | 1  | 0.0083 | 0.049      | mg/Kg | 07/16/25 10:10 | 07/16/25 12:23 | 9012B    |
| Reactive Sulfide | 6.36  | J    | 1  | 0.20   | 10.0       | mg/Kg | 07/16/25 12:10 | 07/16/25 14:38 | 9034     |

Comments: pH result reported at temperature 22.8 °C

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



## Initial and Continuing Calibration Verification

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

**SDG No.:** Q2592

**Project:** Con Edison - East River Site 2

**RunNo.:** LB136472

| Analyte                      | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>pH  | pH    | 7.01   | 7          | 100        | 90-110                 | 07/15/2025    |
| Sample ID: <b>CCV1</b><br>pH | pH    | 2.01   | 2.00       | 101        | 90-110                 | 07/15/2025    |
| Sample ID: <b>CCV2</b><br>pH | pH    | 12.02  | 12.00      | 100        | 90-110                 | 07/15/2025    |

## Initial and Continuing Calibration Verification

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

**SDG No.:** Q2592

**Project:** Con Edison - East River Site 2

**RunNo.:** LB136475

| Analyte                               | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>Corrosivity  | pH    | 7.00   | 7          | 100        | 90-110                 | 07/15/2025    |
| Sample ID: <b>CCV1</b><br>Corrosivity | pH    | 2.01   | 2.00       | 101        | 90-110                 | 07/15/2025    |
| Sample ID: <b>CCV2</b><br>Corrosivity | pH    | 12.02  | 12.00      | 100        | 90-110                 | 07/15/2025    |

## Initial and Continuing Calibration Verification

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

**SDG No.:** Q2592

**Project:** Con Edison - East River Site 2

**RunNo.:** LB136502

| Analyte                                    | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|--------------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>Reactive Cyanide | mg/L  | 0.095  | 0.099      | 96         | 85-115                 | 07/16/2025    |
| Sample ID: <b>CCV1</b><br>Reactive Cyanide | mg/L  | 0.25   | 0.25       | 100        | 90-110                 | 07/16/2025    |
| Sample ID: <b>CCV2</b><br>Reactive Cyanide | mg/L  | 0.24   | 0.25       | 96         | 90-110                 | 07/16/2025    |
| Sample ID: <b>CCV3</b><br>Reactive Cyanide | mg/L  | 0.25   | 0.25       | 100        | 90-110                 | 07/16/2025    |

### Initial and Continuing Calibration Blank Summary

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

**SDG No.:** Q2592

**Project:** Con Edison - East River Site 2

**RunNo.:** LB136502

| Analyte                                    | Units | Result   | Acceptance Limits | Conc Qual | MDL     | RDL   | Analysis Date |
|--------------------------------------------|-------|----------|-------------------|-----------|---------|-------|---------------|
| Sample ID: <b>ICB1</b><br>Reactive Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.00096 | 0.005 | 07/16/2025    |
| Sample ID: <b>CCB1</b><br>Reactive Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.00096 | 0.005 | 07/16/2025    |
| Sample ID: <b>CCB2</b><br>Reactive Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.00096 | 0.005 | 07/16/2025    |
| Sample ID: <b>CCB3</b><br>Reactive Cyanide | mg/L  | < 0.0025 | 0.0025            | U         | 0.00096 | 0.005 | 07/16/2025    |

## Preparation Blank Summary

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

**SDG No.:** Q2592

**Project:** Con Edison - East River Site 2

| Analyte                      | Units | Result   | Acceptance Limits | Conc Qual | MDL    | RDL  | Analysis Date |
|------------------------------|-------|----------|-------------------|-----------|--------|------|---------------|
| Sample ID: <b>PB168864BL</b> |       |          |                   |           |        |      |               |
| Reactive Cyanide             | mg/Kg | < 0.0250 | 0.0250            | U         | 0.0084 | 0.05 | 07/16/2025    |
| Sample ID: <b>PB168865BL</b> |       |          |                   |           |        |      |               |
| Reactive Sulfide             | mg/Kg | < 5.0000 | 5.0000            | U         | 0.201  | 10   | 07/16/2025    |

## Duplicate Sample Summary

|                   |                                       |                                         |          |
|-------------------|---------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | PARSONS Engineering of New York, Inc. | <b>SDG No.:</b>                         | Q2592    |
| <b>Project:</b>   | Con Edison - East River Site 2        | <b>Sample ID:</b>                       | Q2586-04 |
| <b>Client ID:</b> | TP-16DUP                              | <b>Percent Solids for Spike Sample:</b> | 100      |

| Analyte          | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Reactive Cyanide | mg/Kg | +/-20            | 0.0083        | U               | 0.0083           | U               | 1               | 0      |      | 07/16/2025    |
| Reactive Sulfide | mg/Kg | +/-20            | 4.72          | J               | 4.72             | J               | 1               | 0      |      | 07/16/2025    |

### Duplicate Sample Summary

|                   |                                       |                                         |          |
|-------------------|---------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | PARSONS Engineering of New York, Inc. | <b>SDG No.:</b>                         | Q2592    |
| <b>Project:</b>   | Con Edison - East River Site 2        | <b>Sample ID:</b>                       | Q2592-01 |
| <b>Client ID:</b> | WC-SOIL-20250711DUP                   | <b>Percent Solids for Spike Sample:</b> | 76.7     |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 6.94          |                 | 6.96             |                 | 1               | 0.29   |      | 07/15/2025    |

### Duplicate Sample Summary

|                   |                                       |                                         |          |
|-------------------|---------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | PARSONS Engineering of New York, Inc. | <b>SDG No.:</b>                         | Q2592    |
| <b>Project:</b>   | Con Edison - East River Site 2        | <b>Sample ID:</b>                       | Q2592-02 |
| <b>Client ID:</b> | WC-SOIL-20250711DUP                   | <b>Percent Solids for Spike Sample:</b> | 100      |

| Analyte     | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|-------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Corrosivity | pH    | +/-20            | 6.94          |                 | 6.96             |                 | 1               | 0.29   |      | 07/15/2025    |



## Duplicate Sample Summary

|                   |                                       |                                         |          |
|-------------------|---------------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | PARSONS Engineering of New York, Inc. | <b>SDG No.:</b>                         | Q2592    |
| <b>Project:</b>   | Con Edison - East River Site 2        | <b>Sample ID:</b>                       | Q2605-04 |
| <b>Client ID:</b> | V897DUP                               | <b>Percent Solids for Spike Sample:</b> | 100      |

| Analyte      | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|--------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Ignitability | oC    | +/-20            | NO            |                 | NO               |                 | 1               | 0      |      | 07/15/2025    |



# SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Parsons  
ADDRESS: 301 Plainfield Road  
CITY: Syracuse STATE: NY ZIP: 13212  
ATTENTION: Zohar Lavy  
PHONE: (732) 796-5536 FAX: -

PROJECT NAME: ConEd East River SI  
PROJECT NO.: 454534 LOCATION: Manhattan  
PROJECT MANAGER: Zohar Lavy  
e-mail: Zohar.lavy@parsons.com  
PHONE: (732) 796-5536 FAX: -

BILL TO: Parsons PO#: 454534  
ADDRESS: 301 Plainfield Road  
CITY: Syracuse STATE: NY ZIP: 13212  
ATTENTION: Zohar Lavy PHONE: (732) 796-5536

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5-day rush DAYS\*  
HARDCOPY (DATA PACKAGE): 5-day rush DAYS\*  
EDD: 5-day rush 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) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data) ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

1. VOCs, SVOCs  
2. TAL metals  
3. PCBs, TPH  
4. TAP WIS, TAP SVOCs  
5. TCIP metals  
6. TAP pest, TAP herb  
7. Ignitability, reactivity  
8. Corrosivity, pH  
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives  
A-HCl D-NaOH  
B-HNO3 E-ICE  
C-H2SO4 F-OTHER

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | E             | E | E | E | E | E | E | E | E |          |
| 1.                       | WC-Soil-20250711                 | S                | X              |      | 7/11/25              | 1230 | 9            | X             | X | X | X | X | X | X | X | X |          |
| 2.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 3.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |

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

|                                                   |                                          |                                                                  |                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>EMMA SAUER</u>  | DATE/TIME: <u>1440</u><br><u>7/11/25</u> | RECEIVED BY:<br><u>[Signature]</u> <u>1440</u><br><u>7-11-25</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.1</u> °C<br>Comments: <u>Include Zohar.lavy@parsons.com and Kirsten.valentin@parsons.com</u><br><u>on all data</u> |
| RELINQUISHED BY SAMPLER:<br>2.                    | DATE/TIME:                               | RECEIVED BY:<br>2.                                               |                                                                                                                                                                                                                                                                                     |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME: <u>1637</u><br><u>7-11-25</u> | RECEIVED BY:<br>3.                                               |                                                                                                                                                                                                                                                                                     |

Page \_\_\_\_ of \_\_\_\_

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

### 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       |

## LOGIN REPORT/SAMPLE TRANSFER

|                                                |                                                                           |                                  |
|------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|
| <b>Order ID :</b> Q2592      PARS02            | <b>Order Date :</b> 7/11/2025 3:05:25 PM                                  | <b>Project Mgr :</b>             |
| <b>Client Name :</b> PARSONS Engineering of I  | <b>Project Name :</b> Con Edison - East River Sit                         | <b>Report Type :</b> NYS ASP B   |
| <b>Client Contact :</b> Zohar Lavy             | <b>Receive DateTime :</b> 7/11/2025 <del>12:00:00 AM</del><br>04:39:00 PM | <b>EDD Type :</b> NYSDEC EDD V-3 |
| <b>Invoice Name :</b> PARSONS Engineering of I | <b>Purchase Order :</b>                                                   | <b>Hard Copy Date :</b>          |
| <b>Invoice Contact :</b> Zohar Lavy            |                                                                           | <b>Date Signoff :</b>            |

| LAB ID   | CLIENT ID        | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP   | METHOD | FAX DATE | DUE DATES   |
|----------|------------------|--------|-------------|-------------|------|--------------|--------|----------|-------------|
| Q2592-01 | WC-SOIL-20250711 | Solid  | 07/11/2025  | 12:30       |      | VOCMS Group1 | 8260D  |          | 5 Bus. Days |

DP 07/15/2025

Relinquished By : 

Date / Time : 7/14/25 0725

Received By : 

Date / Time : 07/14/25 10:00

Storage Area : VOA Refridgerator Room

SAMPLES RECEIVED ON 7/11/25 @ 1440  
SAMPLES PLACED IN SM-REF-2

28#6  
F22