

## LAB CHRONICLE

|                 |                      |                   |                                        |
|-----------------|----------------------|-------------------|----------------------------------------|
| <b>OrderID:</b> | Q2118                | <b>OrderDate:</b> | 5/22/2025 3:57:00 PM                   |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13          |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | L41,VOA Ref. #2 Soil,VOA Ref. #3 Water |

| LabID           | ClientID                            | Matrix       | Test         | Method   | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------------------------|--------------|--------------|----------|-----------------|-----------|-----------|-----------------|
| <b>Q2118-01</b> | <b>BP-VPB-182-TB-2025<br/>0520</b>  | <b>Water</b> |              |          | <b>05/20/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-02</b> | <b>BP-VPB-182-GW-420-<br/>422</b>   | <b>Water</b> |              |          | <b>05/20/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-03</b> | <b>BP-VPB-182-GW-450-<br/>452</b>   | <b>Water</b> |              |          | <b>05/20/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-04</b> | <b>BP-VPB-182-DUP-202<br/>50520</b> | <b>Water</b> |              |          | <b>05/20/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-05</b> | <b>BP-VPB-182-GW-460-<br/>462</b>   | <b>Water</b> |              |          | <b>05/21/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-06</b> | <b>BP-VPB-182-GW-480-<br/>482</b>   | <b>Water</b> |              |          | <b>05/21/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-08</b> | <b>BP-VPB-182-GW-520-<br/>522</b>   | <b>Water</b> |              |          | <b>05/22/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-09</b> | <b>BP-VPB-182-GW-540-<br/>542</b>   | <b>Water</b> |              |          | <b>05/22/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |
| <b>Q2118-10</b> | <b>BP-VPB-182-GW-560-<br/>562</b>   | <b>Water</b> |              |          | <b>05/22/25</b> |           |           | <b>05/22/25</b> |
|                 |                                     |              | VOCMS Group1 | 8260-Low |                 |           | 05/23/25  |                 |

## LAB CHRONICLE

|                   |                              |             |              |                 |                 |
|-------------------|------------------------------|-------------|--------------|-----------------|-----------------|
| <b>Q2118-11</b>   | <b>BP-VPB-182-GW-500-502</b> | <b>SOIL</b> |              | <b>05/21/25</b> | <b>05/22/25</b> |
|                   |                              |             | VOCMS Group1 | 8260D           | 05/23/25        |
| <b>Q2118-11RE</b> | <b>BP-VPB-182-GW-500-502</b> | <b>SOIL</b> |              | <b>05/21/25</b> | <b>05/22/25</b> |
|                   |                              |             | VOCMS Group1 | 8260D           | 05/27/25        |

### Hit Summary Sheet SW-846

SDG No.: Q2118  
Client: Tetra Tech NUS, Inc.

| Sample ID         | Client ID                      | Matrix                      | Parameter | Concentration | C | MDL  | LOD  | RDL  | Units |
|-------------------|--------------------------------|-----------------------------|-----------|---------------|---|------|------|------|-------|
| <b>Client ID:</b> | <b>BP-VPB-182-GW-420-422</b>   |                             |           |               |   |      |      |      |       |
| Q2118-02          | BP-VPB-182-GW-4 Water          | Acetone                     |           | 2.70          | J | 1.50 | 3.80 | 5.00 | ug/L  |
| Q2118-02          | BP-VPB-182-GW-4 Water          | Carbon Disulfide            |           | 0.36          | J | 0.21 | 0.75 | 1.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 3.06          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 3.06          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-450-452</b>   |                             |           |               |   |      |      |      |       |
| Q2118-03          | BP-VPB-182-GW-4 Water          | Acetone                     |           | 2.70          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 2.70          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 2.70          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-DUP-20250520</b> |                             |           |               |   |      |      |      |       |
| Q2118-04          | BP-VPB-182-DUP- Water          | Acetone                     |           | 3.00          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 3.00          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 3.00          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-460-462</b>   |                             |           |               |   |      |      |      |       |
| Q2118-05          | BP-VPB-182-GW-4 Water          | Acetone                     |           | 2.90          | J | 1.50 | 3.80 | 5.00 | ug/L  |
| Q2118-05          | BP-VPB-182-GW-4 Water          | Carbon Disulfide            |           | 0.45          | J | 0.21 | 0.75 | 1.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 3.35          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 3.35          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-480-482</b>   |                             |           |               |   |      |      |      |       |
| Q2118-06          | BP-VPB-182-GW-4 Water          | Acetone                     |           | 3.00          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 3.00          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 3.00          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-520-522</b>   |                             |           |               |   |      |      |      |       |
| Q2118-08          | BP-VPB-182-GW-5 Water          | Chloromethane               |           | 0.79          | J | 0.32 | 0.50 | 1.00 | ug/L  |
| Q2118-08          | BP-VPB-182-GW-5 Water          | Acetone                     |           | 2.40          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 3.19          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 3.19          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-540-542</b>   |                             |           |               |   |      |      |      |       |
| Q2118-09          | BP-VPB-182-GW-5 Water          | Acetone                     |           | 1.80          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 1.80          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 1.80          |   |      |      |      |       |
| <b>Client ID:</b> | <b>BP-VPB-182-GW-560-562</b>   |                             |           |               |   |      |      |      |       |
| Q2118-10          | BP-VPB-182-GW-5 Water          | Acetone                     |           | 1.90          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                   |                                | <b>Total Voc :</b>          |           | 1.90          |   |      |      |      |       |
|                   |                                | <b>Total Concentration:</b> |           | 1.90          |   |      |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-TB-20250520        |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-01                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046340.D        | 1         |           | 05/23/25 13:20 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-TB-20250520        |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-01                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046340.D        | 1         |           | 05/23/25 13:20 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.0   |           | 81 - 118 |      | 106%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.2   |           | 80 - 119 |      | 100%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.4   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 52.9   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 67100  | 5.549     |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 131000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 125000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 55500  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-TB-20250520        |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-01                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046340.D        | 1         |           | 05/23/25 13:20 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-420-422         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-02                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046342.D        | 1         |           | 05/23/25 14:06 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.70  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.36  | J         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-420-422         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-02                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046342.D        | 1         |           | 05/23/25 14:06 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 52.7   |           | 81 - 118 |      | 105%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.5   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.7   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 49.8   |           | 85 - 114 |      | 100%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 66300  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 129000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 121000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 49700  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-420-422         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-02                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046342.D        | 1         |           | 05/23/25 14:06 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-450-452         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-03                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046343.D        | 1         |           | 05/23/25 14:29 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.70  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-450-452         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-03                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046343.D        | 1         |           | 05/23/25 14:29 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 54.0   |           | 81 - 118 |      | 108%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 51.4   |           | 80 - 119 |      | 103%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 51.2   |           | 89 - 112 |      | 102%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 50.1   |           | 85 - 114 |      | 100%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 61700  | 5.544     |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 122000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 115000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 49100  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-450-452         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-03                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046343.D        | 1         |           | 05/23/25 14:29 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-DUP-20250520       |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-04                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046344.D        | 1         |           | 05/23/25 14:53 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.00  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-DUP-20250520       |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-04                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046344.D        | 1         |           | 05/23/25 14:53 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 54.1   |           | 81 - 118 |      | 108%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.9   |           | 80 - 119 |      | 102%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.5   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 49.7   |           | 85 - 114 |      | 99%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 62700  | 5.544     |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 125000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 116000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 47800  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/20/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-DUP-20250520       |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-04                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046344.D        | 1         |           | 05/23/25 14:53 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-460-462         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-05                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046341.D        | 1         |           | 05/23/25 13:43 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.90  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.45  | J         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-460-462         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-05                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046341.D        | 1         |           | 05/23/25 13:43 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.5   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.3   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.2   |           | 89 - 112 |      | 100%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 51.9   |           | 85 - 114 |      | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 66200  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 134000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 126000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 54700  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-460-462         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-05                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046341.D        | 1         |           | 05/23/25 13:43 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-480-482         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-06                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046345.D        | 1         |           | 05/23/25 15:16 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.00  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-480-482         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-06                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046345.D        | 1         |           | 05/23/25 15:16 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.3   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.7   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.8   |           | 89 - 112 |      | 102%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 51.7   |           | 85 - 114 |      | 103%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 69300  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 137000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 129000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 55200  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-480-482         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-06                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046345.D        | 1         |           | 05/23/25 15:16 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-520-522         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-08                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046346.D        | 1         |           | 05/23/25 15:39 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.79  | J         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 2.40  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-520-522         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-08                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046346.D        | 1         |           | 05/23/25 15:39 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.3   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 51.0   |           | 80 - 119 |      | 102%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.4   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 50.0   |           | 85 - 114 |      | 100%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 67300  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 135000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 127000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 52500  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-520-522         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-08                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046346.D        | 1         |           | 05/23/25 15:39 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-540-542         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-09                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046347.D        | 1         |           | 05/23/25 16:03 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.80  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-540-542         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-09                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046347.D        | 1         |           | 05/23/25 16:03 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.8   |           | 81 - 118 |      | 108%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 51.2   |           | 80 - 119 |      | 102%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 51.1   |           | 89 - 112 |      | 102%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 52.3   |           | 85 - 114 |      | 105%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 64600  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 127000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 123000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 53600  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-540-542         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-09                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046347.D        | 1         |           | 05/23/25 16:03 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-560-562         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-10                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046348.D        | 1         |           | 05/23/25 16:26 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 1.90  | J         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-560-562         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-10                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046348.D        | 1         |           | 05/23/25 16:26 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 54.2   |           | 81 - 118 |      | 108%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.6   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.3   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 49.6   |           | 85 - 114 |      | 99%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 63700  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 128000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 121000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 49100  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-560-562         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-10                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046348.D        | 1         |           | 05/23/25 16:26 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-500-502         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-11                      |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5.11                          | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022411.D        | 1         |           | 05/23/25 17:14 | VY052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 2.40  | U         | 1.10 | 2.40 | 4.90       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.40  | U         | 0.77 | 2.40 | 4.90       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 3.90  | UQ        | 1.00 | 3.90 | 4.90       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 2.40  | UQ        | 1.20 | 2.40 | 4.90       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 3.90  | U         | 1.20 | 3.90 | 4.90       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.40  | U         | 1.00 | 2.40 | 4.90       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 2.40  | U         | 0.98 | 2.40 | 4.90       | ug/Kg             |
| 67-64-1        | Acetone                        | 19.6  | U         | 4.60 | 19.6 | 24.5       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 3.90  | U         | 1.00 | 3.90 | 4.90       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.40  | U         | 0.71 | 2.40 | 4.90       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 7.80  | U         | 3.50 | 7.80 | 9.80       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.40  | U         | 0.84 | 2.40 | 4.90       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 2.40  | U         | 0.78 | 2.40 | 4.90       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 19.6  | U         | 6.40 | 19.6 | 24.5       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 2.40  | U         | 0.95 | 2.40 | 4.90       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.40  | U         | 0.73 | 2.40 | 4.90       | ug/Kg             |
| 67-66-3        | Chloroform                     | 3.90  | U         | 0.82 | 3.90 | 4.90       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.40  | U         | 0.91 | 2.40 | 4.90       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 2.40  | U         | 0.89 | 2.40 | 4.90       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.40  | U         | 0.77 | 2.40 | 4.90       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.40  | U         | 0.77 | 2.40 | 4.90       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.40  | U         | 0.79 | 2.40 | 4.90       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 2.40  | U         | 0.89 | 2.40 | 4.90       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 2.40  | U         | 0.76 | 2.40 | 4.90       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 12.2  | U         | 3.50 | 12.2 | 24.5       | ug/Kg             |
| 108-88-3       | Toluene                        | 2.40  | U         | 0.76 | 2.40 | 4.90       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 2.40  | U         | 0.64 | 2.40 | 4.90       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 2.40  | U         | 0.61 | 2.40 | 4.90       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 2.40  | U         | 0.90 | 2.40 | 4.90       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 12.2  | U         | 3.60 | 12.2 | 24.5       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-500-502         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-11                      |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5.11                          | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022411.D        | 1         |           | 05/23/25 17:14 | VY052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                              | Dibromochloromethane      | 2.40   | U         | 0.85     | 2.40 | 4.90       | ug/Kg             |
| 127-18-4                              | Tetrachloroethene         | 2.40   | U         | 1.00     | 2.40 | 4.90       | ug/Kg             |
| 108-90-7                              | Chlorobenzene             | 2.40   | U         | 0.89     | 2.40 | 4.90       | ug/Kg             |
| 100-41-4                              | Ethyl Benzene             | 2.40   | U         | 0.66     | 2.40 | 4.90       | ug/Kg             |
| 179601-23-1                           | m/p-Xylenes               | 4.90   | U         | 1.20     | 4.90 | 9.80       | ug/Kg             |
| 95-47-6                               | o-Xylene                  | 2.40   | U         | 0.80     | 2.40 | 4.90       | ug/Kg             |
| 100-42-5                              | Styrene                   | 2.40   | U         | 0.69     | 2.40 | 4.90       | ug/Kg             |
| 75-25-2                               | Bromoform                 | 2.40   | U         | 0.84     | 2.40 | 4.90       | ug/Kg             |
| 98-82-8                               | Isopropylbenzene          | 2.40   | U         | 0.76     | 2.40 | 4.90       | ug/Kg             |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 2.40   | U         | 1.20     | 2.40 | 4.90       | ug/Kg             |
| 541-73-1                              | 1,3-Dichlorobenzene       | 2.40   | U         | 1.70     | 2.40 | 4.90       | ug/Kg             |
| 106-46-7                              | 1,4-Dichlorobenzene       | 2.40   | U         | 1.50     | 2.40 | 4.90       | ug/Kg             |
| 95-50-1                               | 1,2-Dichlorobenzene       | 2.40   | U         | 1.40     | 2.40 | 4.90       | ug/Kg             |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |                   |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 54.8   |           | 71 - 136 |      | 110%       | SPK: 50           |
| 1868-53-7                             | Dibromofluoromethane      | 51.9   |           | 78 - 119 |      | 104%       | SPK: 50           |
| 2037-26-5                             | Toluene-d8                | 48.5   |           | 85 - 116 |      | 97%        | SPK: 50           |
| 460-00-4                              | 4-Bromofluorobenzene      | 38.4   | *         | 79 - 119 |      | 77%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |                   |
| 363-72-4                              | Pentafluorobenzene        | 313000 | 7.713     |          |      |            |                   |
| 540-36-3                              | 1,4-Difluorobenzene       | 554000 | 8.621     |          |      |            |                   |
| 3114-55-4                             | Chlorobenzene-d5          | 442000 | 11.42     |          |      |            |                   |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 153000 | 13.352    |          |      |            |                   |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |                   |
| 75-43-4                               | Dichlorofluoromethane     | N.D    |           |          |      |            |                   |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-500-502         |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-11                      |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5.11                          | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022411.D        | 1         |           | 05/23/25 17:14 | VY052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-500-502RE       |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-11RE                    |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5.54                          | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022432.D        | 1         |           | 05/27/25 14:27 | VY052725      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 2.30  | U         | 1.00 | 2.30 | 4.50       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.30  | U         | 0.71 | 2.30 | 4.50       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 3.60  | U         | 0.97 | 3.60 | 4.50       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 2.30  | U         | 1.10 | 2.30 | 4.50       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 3.60  | U         | 1.10 | 3.60 | 4.50       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.30  | U         | 0.96 | 2.30 | 4.50       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 2.30  | U         | 0.90 | 2.30 | 4.50       | ug/Kg             |
| 67-64-1        | Acetone                        | 18.1  | U         | 4.30 | 18.1 | 22.6       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 3.60  | U         | 0.96 | 3.60 | 4.50       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.30  | U         | 0.66 | 2.30 | 4.50       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 7.20  | U         | 3.20 | 7.20 | 9.00       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.30  | U         | 0.78 | 2.30 | 4.50       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 2.30  | U         | 0.72 | 2.30 | 4.50       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 18.1  | U         | 5.90 | 18.1 | 22.6       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 2.30  | U         | 0.88 | 2.30 | 4.50       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.30  | U         | 0.68 | 2.30 | 4.50       | ug/Kg             |
| 67-66-3        | Chloroform                     | 3.60  | U         | 0.76 | 3.60 | 4.50       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.30  | U         | 0.84 | 2.30 | 4.50       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 2.30  | U         | 0.82 | 2.30 | 4.50       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.30  | U         | 0.71 | 2.30 | 4.50       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.30  | U         | 0.71 | 2.30 | 4.50       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.30  | U         | 0.73 | 2.30 | 4.50       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 2.30  | U         | 0.82 | 2.30 | 4.50       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 2.30  | U         | 0.70 | 2.30 | 4.50       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 11.3  | U         | 3.20 | 11.3 | 22.6       | ug/Kg             |
| 108-88-3       | Toluene                        | 2.30  | U         | 0.70 | 2.30 | 4.50       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 2.30  | U         | 0.59 | 2.30 | 4.50       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 2.30  | U         | 0.56 | 2.30 | 4.50       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 2.30  | U         | 0.83 | 2.30 | 4.50       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 11.3  | U         | 3.30 | 11.3 | 22.6       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |    |
|--------------------|-------------------------------|-----------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/21/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-GW-500-502RE       |           | SDG No.:        | Q2118        |    |
| Lab Sample ID:     | Q2118-11RE                    |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5.54                          | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022432.D        | 1         |           | 05/27/25 14:27 | VY052725      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 2.30   | U         | 0.79     | 2.30 | 4.50       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 2.30   | U         | 0.95     | 2.30 | 4.50       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 2.30   | U         | 0.82     | 2.30 | 4.50       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 2.30   | U         | 0.60     | 2.30 | 4.50       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 4.50   | U         | 1.10     | 4.50 | 9.00       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 2.30   | U         | 0.74     | 2.30 | 4.50       | ug/Kg             |
| 100-42-5                  | Styrene                   | 2.30   | U         | 0.64     | 2.30 | 4.50       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 2.30   | U         | 0.78     | 2.30 | 4.50       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 2.30   | U         | 0.70     | 2.30 | 4.50       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 2.30   | U         | 1.10     | 2.30 | 4.50       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 2.30   | U         | 1.50     | 2.30 | 4.50       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 2.30   | U         | 1.40     | 2.30 | 4.50       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 2.30   | U         | 1.30     | 2.30 | 4.50       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 53.3   |           | 71 - 136 |      | 107%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 51.9   |           | 78 - 119 |      | 104%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 49.3   |           | 85 - 116 |      | 99%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 38.0   | *         | 79 - 119 |      | 76%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 322000 | 7.707     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 573000 | 8.616     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 436000 | 11.414    |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 137000 | 13.346    |          |      |            |                   |

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.: **Q2118**

Client: **Tetra Tech NUS, Inc.**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID               | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-------------------------|-----------------------|-------|--------|--------------|--------|------|
|               |                         |                       |       |        |              | Low    | High |
| Q2118-11      | BP-VPB-182-GW-500-502   | 1,2-Dichloroethane-d4 | 50    | 54.8   | 110          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 51.9   | 104          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 48.5   | 97           | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 38.4   | 77 *         | 79     | 119  |
| Q2118-11RE    | BP-VPB-182-GW-500-502RE | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 51.9   | 104          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 49.3   | 99           | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 38.0   | 76 *         | 79     | 119  |
| VY0523SBL01   | VY0523SBL01             | 1,2-Dichloroethane-d4 | 50    | 56.1   | 112          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 56.7   | 113          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 54.7   | 109          | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 44.0   | 88           | 79     | 119  |
| VY0523SBS01   | VY0523SBS01             | 1,2-Dichloroethane-d4 | 50    | 50.7   | 101          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 53.6   | 107          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 53.5   | 107          | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 48.8   | 98           | 79     | 119  |
| VY0523SBSD01  | VY0523SBSD01            | 1,2-Dichloroethane-d4 | 50    | 51.6   | 103          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 51.4   | 103          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 51.3   | 103          | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 47.5   | 95           | 79     | 119  |
| VY0527SBL01   | VY0527SBL01             | 1,2-Dichloroethane-d4 | 50    | 51.0   | 102          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 50.9   | 102          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 50.2   | 100          | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 42.8   | 86           | 79     | 119  |
| VY0527SBS01   | VY0527SBS01             | 1,2-Dichloroethane-d4 | 50    | 52.0   | 104          | 71     | 136  |
|               |                         | Dibromofluoromethane  | 50    | 51.1   | 102          | 78     | 119  |
|               |                         | Toluene-d8            | 50    | 50.2   | 100          | 85     | 116  |
|               |                         | 4-Bromofluorobenzene  | 50    | 48.5   | 97           | 79     | 119  |

## Surrogate Summary

SDG No.: **Q2118**

Client: **Tetra Tech NUS, Inc.**

Analytical Method: **SW8260-Low**

| Lab Sample ID | Client ID               | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-------------------------|-----------------------|-------|--------|--------------|--------|------|
|               |                         |                       |       |        |              | Low    | High |
| Q2118-01      | BP-VPB-182-TB-20250520  | 1,2-Dichloroethane-d4 | 50    | 53.0   | 106          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.2   | 100          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.4   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 52.9   | 106          | 85     | 114  |
| Q2118-02      | BP-VPB-182-GW-420-422   | 1,2-Dichloroethane-d4 | 50    | 52.7   | 105          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.5   | 101          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.7   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 49.8   | 100          | 85     | 114  |
| Q2118-03      | BP-VPB-182-GW-450-452   | 1,2-Dichloroethane-d4 | 50    | 54.0   | 108          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 51.4   | 103          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 51.2   | 102          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 50.1   | 100          | 85     | 114  |
| Q2118-04      | BP-VPB-182-DUP-20250520 | 1,2-Dichloroethane-d4 | 50    | 54.1   | 108          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.9   | 102          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.5   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 49.7   | 99           | 85     | 114  |
| Q2118-05      | BP-VPB-182-GW-460-462   | 1,2-Dichloroethane-d4 | 50    | 53.5   | 107          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.4   | 101          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.2   | 100          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 51.9   | 104          | 85     | 114  |
| Q2118-06      | BP-VPB-182-GW-480-482   | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.7   | 101          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.8   | 102          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 51.7   | 103          | 85     | 114  |
| Q2118-08      | BP-VPB-182-GW-520-522   | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 51.0   | 102          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.4   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 50.0   | 100          | 85     | 114  |
| Q2118-09      | BP-VPB-182-GW-540-542   | 1,2-Dichloroethane-d4 | 50    | 53.8   | 108          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 51.2   | 102          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 51.1   | 102          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 52.3   | 105          | 85     | 114  |
| Q2118-10      | BP-VPB-182-GW-560-562   | 1,2-Dichloroethane-d4 | 50    | 54.2   | 108          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 50.6   | 101          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.3   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 49.6   | 99           | 85     | 114  |
| VX0523WBL01   | VX0523WBL01             | 1,2-Dichloroethane-d4 | 50    | 53.2   | 106          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 52.0   | 104          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 51.1   | 102          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 51.9   | 104          | 85     | 114  |
| VX0523WBS01   | VX0523WBS01             | 1,2-Dichloroethane-d4 | 50    | 50.5   | 101          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 52.4   | 105          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.7   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 51.4   | 103          | 85     | 114  |
| VX0523WBSD0   | VX0523WBSD01            | 1,2-Dichloroethane-d4 | 50    | 50.2   | 100          | 81     | 118  |
|               |                         | Dibromofluoromethane  | 50    | 51.1   | 102          | 80     | 119  |
|               |                         | Toluene-d8            | 50    | 50.3   | 101          | 89     | 112  |
|               |                         | 4-Bromofluorobenzene  | 50    | 51.8   | 104          | 85     | 114  |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2118

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Datafile : VX046334.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0523WBS01   | Chloromethane                  | 20    | 18.7   | ug/L | 94  |     |      | 50  | 139            |     |
|               | Vinyl chloride                 | 20    | 17.8   | ug/L | 89  |     |      | 58  | 137            |     |
|               | Bromomethane                   | 20    | 18.3   | ug/L | 92  |     |      | 53  | 141            |     |
|               | Chloroethane                   | 20    | 19.2   | ug/L | 96  |     |      | 60  | 138            |     |
|               | Trichlorofluoromethane         | 20    | 19.9   | ug/L | 100 |     |      | 65  | 141            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.1   | ug/L | 101 |     |      | 70  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 19.3   | ug/L | 97  |     |      | 71  | 131            |     |
|               | Acetone                        | 100   | 100    | ug/L | 100 |     |      | 39  | 160            |     |
|               | Carbon disulfide               | 20    | 15.4   | ug/L | 77  |     |      | 64  | 133            |     |
|               | Methyl tert-butyl Ether        | 20    | 20.7   | ug/L | 104 |     |      | 71  | 124            |     |
|               | Methylene Chloride             | 20    | 18.6   | ug/L | 93  |     |      | 74  | 124            |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.0   | ug/L | 95  |     |      | 75  | 124            |     |
|               | 1,1-Dichloroethane             | 20    | 20.3   | ug/L | 102 |     |      | 77  | 125            |     |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 |     |      | 56  | 143            |     |
|               | Carbon Tetrachloride           | 20    | 20.4   | ug/L | 102 |     |      | 72  | 136            |     |
|               | cis-1,2-Dichloroethene         | 20    | 20.4   | ug/L | 102 |     |      | 78  | 123            |     |
|               | Chloroform                     | 20    | 21.0   | ug/L | 105 |     |      | 79  | 124            |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.4   | ug/L | 102 |     |      | 74  | 131            |     |
|               | Methylcyclohexane              | 20    | 18.4   | ug/L | 92  |     |      | 72  | 132            |     |
|               | Benzene                        | 20    | 20.3   | ug/L | 102 |     |      | 79  | 120            |     |
|               | 1,2-Dichloroethane             | 20    | 20.7   | ug/L | 104 |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 19.8   | ug/L | 99  |     |      | 79  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 21.1   | ug/L | 106 |     |      | 78  | 122            |     |
|               | Bromodichloromethane           | 20    | 20.8   | ug/L | 104 |     |      | 79  | 125            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 |     |      | 67  | 130            |     |
|               | Toluene                        | 20    | 20.4   | ug/L | 102 |     |      | 80  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 19.5   | ug/L | 98  |     |      | 73  | 127            |     |
|               | cis-1,3-Dichloropropene        | 20    | 20.7   | ug/L | 104 |     |      | 75  | 124            |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.8   | ug/L | 109 |     |      | 80  | 119            |     |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 |     |      | 57  | 139            |     |
|               | Dibromochloromethane           | 20    | 21.0   | ug/L | 105 |     |      | 74  | 126            |     |
|               | Tetrachloroethene              | 20    | 20.9   | ug/L | 104 |     |      | 74  | 129            |     |
|               | Chlorobenzene                  | 20    | 20.1   | ug/L | 101 |     |      | 82  | 118            |     |
|               | Ethyl Benzene                  | 20    | 20.3   | ug/L | 102 |     |      | 79  | 121            |     |
|               | m/p-Xylenes                    | 40    | 40.6   | ug/L | 102 |     |      | 80  | 121            |     |
|               | o-Xylene                       | 20    | 20.5   | ug/L | 103 |     |      | 78  | 122            |     |
|               | Styrene                        | 20    | 21.0   | ug/L | 105 |     |      | 78  | 123            |     |
|               | Bromoform                      | 20    | 19.4   | ug/L | 97  |     |      | 66  | 130            |     |
|               | Isopropylbenzene               | 20    | 20.2   | ug/L | 101 |     |      | 72  | 131            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.2   | ug/L | 101 |     |      | 71  | 121            |     |
|               | 1,3-Dichlorobenzene            | 20    | 20.0   | ug/L | 100 |     |      | 80  | 119            |     |
|               | 1,4-Dichlorobenzene            | 20    | 19.8   | ug/L | 99  |     |      | 79  | 118            |     |
|               | 1,2-Dichlorobenzene            | 20    | 20.6   | ug/L | 103 |     |      | 80  | 119            |     |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2118

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Datafile : VX046337.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX0523WBSD01  | Chloromethane                  | 20    | 18.5   | ug/L | 93  | 1   |      | 50  | 139            | 20  |
|               | Vinyl chloride                 | 20    | 17.4   | ug/L | 87  | 2   |      | 58  | 137            | 20  |
|               | Bromomethane                   | 20    | 17.6   | ug/L | 88  | 4   |      | 53  | 141            | 20  |
|               | Chloroethane                   | 20    | 19.9   | ug/L | 100 | 4   |      | 60  | 138            | 20  |
|               | Trichlorofluoromethane         | 20    | 19.6   | ug/L | 98  | 2   |      | 65  | 141            | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.6   | ug/L | 98  | 3   |      | 70  | 136            | 20  |
|               | 1,1-Dichloroethene             | 20    | 18.5   | ug/L | 93  | 4   |      | 71  | 131            | 20  |
|               | Acetone                        | 100   | 100    | ug/L | 100 | 0   |      | 39  | 160            | 20  |
|               | Carbon disulfide               | 20    | 14.1   | ug/L | 71  | 8   |      | 64  | 133            | 20  |
|               | Methyl tert-butyl Ether        | 20    | 20.8   | ug/L | 104 | 0   |      | 71  | 124            | 20  |
|               | Methylene Chloride             | 20    | 18.6   | ug/L | 93  | 0   |      | 74  | 124            | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 18.6   | ug/L | 93  | 2   |      | 75  | 124            | 20  |
|               | 1,1-Dichloroethane             | 20    | 20.5   | ug/L | 103 | 1   |      | 77  | 125            | 20  |
|               | 2-Butanone                     | 100   | 110    | ug/L | 110 | 0   |      | 56  | 143            | 20  |
|               | Carbon Tetrachloride           | 20    | 19.1   | ug/L | 96  | 6   |      | 72  | 136            | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 20.2   | ug/L | 101 | 1   |      | 78  | 123            | 20  |
|               | Chloroform                     | 20    | 21.0   | ug/L | 105 | 0   |      | 79  | 124            | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 20.4   | ug/L | 102 | 0   |      | 74  | 131            | 20  |
|               | Methylcyclohexane              | 20    | 18.6   | ug/L | 93  | 1   |      | 72  | 132            | 20  |
|               | Benzene                        | 20    | 20.4   | ug/L | 102 | 0   |      | 79  | 120            | 20  |
|               | 1,2-Dichloroethane             | 20    | 20.7   | ug/L | 104 | 0   |      | 73  | 128            | 20  |
|               | Trichloroethene                | 20    | 19.8   | ug/L | 99  | 0   |      | 79  | 123            | 20  |
|               | 1,2-Dichloropropane            | 20    | 21.3   | ug/L | 106 | 0   |      | 78  | 122            | 20  |
|               | Bromodichloromethane           | 20    | 20.3   | ug/L | 102 | 2   |      | 79  | 125            | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/L | 110 | 0   |      | 67  | 130            | 20  |
|               | Toluene                        | 20    | 20.7   | ug/L | 104 | 2   |      | 80  | 121            | 20  |
|               | t-1,3-Dichloropropene          | 20    | 19.3   | ug/L | 97  | 1   |      | 73  | 127            | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 20.0   | ug/L | 100 | 4   |      | 75  | 124            | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 21.7   | ug/L | 109 | 0   |      | 80  | 119            | 20  |
|               | 2-Hexanone                     | 100   | 110    | ug/L | 110 | 0   |      | 57  | 139            | 20  |
|               | Dibromochloromethane           | 20    | 20.3   | ug/L | 102 | 3   |      | 74  | 126            | 20  |
|               | Tetrachloroethene              | 20    | 20.2   | ug/L | 101 | 3   |      | 74  | 129            | 20  |
|               | Chlorobenzene                  | 20    | 20.0   | ug/L | 100 | 1   |      | 82  | 118            | 20  |
|               | Ethyl Benzene                  | 20    | 20.7   | ug/L | 104 | 2   |      | 79  | 121            | 20  |
|               | m/p-Xylenes                    | 40    | 41.1   | ug/L | 103 | 1   |      | 80  | 121            | 20  |
|               | o-Xylene                       | 20    | 21.0   | ug/L | 105 | 2   |      | 78  | 122            | 20  |
|               | Styrene                        | 20    | 21.5   | ug/L | 108 | 3   |      | 78  | 123            | 20  |
|               | Bromoform                      | 20    | 18.5   | ug/L | 93  | 4   |      | 66  | 130            | 20  |
|               | Isopropylbenzene               | 20    | 21.5   | ug/L | 108 | 7   |      | 72  | 131            | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 21.2   | ug/L | 106 | 5   |      | 71  | 121            | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 20.6   | ug/L | 103 | 3   |      | 80  | 119            | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 20.6   | ug/L | 103 | 4   |      | 79  | 118            | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 21.9   | ug/L | 110 | 7   |      | 80  | 119            | 20  |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2118

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Datafile : VY022409.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|-------------|-----|
| VY0523SBS01   | Chloromethane                  | 20    | 24.0   | ug/Kg | 120 |     |      | 50  | 136         |     |
|               | Vinyl chloride                 | 20    | 25.2   | ug/Kg | 126 |     |      | 56  | 135         |     |
|               | Bromomethane                   | 20    | 34.5   | ug/Kg | 173 |     | *    | 53  | 143         |     |
|               | Chloroethane                   | 20    | 27.1   | ug/Kg | 136 |     |      | 59  | 139         |     |
|               | Trichlorofluoromethane         | 20    | 22.9   | ug/Kg | 115 |     |      | 62  | 140         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 22.8   | ug/Kg | 114 |     |      | 66  | 136         |     |
|               | 1,1-Dichloroethene             | 20    | 22.1   | ug/Kg | 111 |     |      | 70  | 131         |     |
|               | Acetone                        | 100   | 140    | ug/Kg | 140 |     |      | 36  | 164         |     |
|               | Carbon disulfide               | 20    | 19.9   | ug/Kg | 100 |     |      | 63  | 132         |     |
|               | Methyl tert-butyl Ether        | 20    | 20.1   | ug/Kg | 101 |     |      | 73  | 125         |     |
|               | Methylene Chloride             | 20    | 19.6   | ug/Kg | 98  |     |      | 70  | 128         |     |
|               | trans-1,2-Dichloroethene       | 20    | 20.4   | ug/Kg | 102 |     |      | 74  | 125         |     |
|               | 1,1-Dichloroethane             | 20    | 20.0   | ug/Kg | 100 |     |      | 76  | 125         |     |
|               | 2-Butanone                     | 100   | 110    | ug/Kg | 110 |     |      | 51  | 148         |     |
|               | Carbon Tetrachloride           | 20    | 20.9   | ug/Kg | 104 |     |      | 70  | 135         |     |
|               | cis-1,2-Dichloroethene         | 20    | 20.5   | ug/Kg | 103 |     |      | 77  | 123         |     |
|               | Chloroform                     | 20    | 20.5   | ug/Kg | 103 |     |      | 78  | 123         |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.7   | ug/Kg | 104 |     |      | 73  | 130         |     |
|               | Methylcyclohexane              | 20    | 21.4   | ug/Kg | 107 |     |      | 66  | 133         |     |
|               | Benzene                        | 20    | 20.3   | ug/Kg | 102 |     |      | 77  | 121         |     |
|               | 1,2-Dichloroethane             | 20    | 19.6   | ug/Kg | 98  |     |      | 73  | 128         |     |
|               | Trichloroethene                | 20    | 20.8   | ug/Kg | 104 |     |      | 77  | 123         |     |
|               | 1,2-Dichloropropane            | 20    | 20.0   | ug/Kg | 100 |     |      | 76  | 123         |     |
|               | Bromodichloromethane           | 20    | 20.0   | ug/Kg | 100 |     |      | 75  | 127         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 92.8   | ug/Kg | 93  |     |      | 65  | 135         |     |
|               | Toluene                        | 20    | 20.2   | ug/Kg | 101 |     |      | 77  | 121         |     |
|               | t-1,3-Dichloropropene          | 20    | 19.6   | ug/Kg | 98  |     |      | 71  | 130         |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.7   | ug/Kg | 99  |     |      | 74  | 126         |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.2   | ug/Kg | 101 |     |      | 78  | 121         |     |
|               | 2-Hexanone                     | 100   | 100    | ug/Kg | 100 |     |      | 53  | 145         |     |
|               | Dibromochloromethane           | 20    | 20.4   | ug/Kg | 102 |     |      | 74  | 126         |     |
|               | Tetrachloroethene              | 20    | 21.1   | ug/Kg | 106 |     |      | 73  | 128         |     |
|               | Chlorobenzene                  | 20    | 20.5   | ug/Kg | 103 |     |      | 79  | 120         |     |
|               | Ethyl Benzene                  | 20    | 20.3   | ug/Kg | 102 |     |      | 76  | 122         |     |
|               | m/p-Xylenes                    | 40    | 40.6   | ug/Kg | 102 |     |      | 77  | 124         |     |
|               | o-Xylene                       | 20    | 19.9   | ug/Kg | 100 |     |      | 77  | 123         |     |
|               | Styrene                        | 20    | 19.8   | ug/Kg | 99  |     |      | 76  | 124         |     |
|               | Bromoform                      | 20    | 20.0   | ug/Kg | 100 |     |      | 67  | 132         |     |
|               | Isopropylbenzene               | 20    | 21.0   | ug/Kg | 105 |     |      | 68  | 134         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.9   | ug/Kg | 104 |     |      | 70  | 124         |     |
|               | 1,3-Dichlorobenzene            | 20    | 20.2   | ug/Kg | 101 |     |      | 77  | 121         |     |
|               | 1,4-Dichlorobenzene            | 20    | 20.5   | ug/Kg | 103 |     |      | 75  | 120         |     |
|               | 1,2-Dichlorobenzene            | 20    | 20.5   | ug/Kg | 103 |     |      | 78  | 121         |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2118

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Datafile : VY022410.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY0523SBSD01  | Chloromethane                  | 20    | 24.0   | ug/Kg | 120 | 0   |      | 50  | 136            | 20  |
|               | Vinyl chloride                 | 20    | 25.2   | ug/Kg | 126 | 0   |      | 56  | 135            | 20  |
|               | Bromomethane                   | 20    | 37.3   | ug/Kg | 187 | 8   | *    | 53  | 143            | 20  |
|               | Chloroethane                   | 20    | 31.0   | ug/Kg | 155 | 13  | *    | 59  | 139            | 20  |
|               | Trichlorofluoromethane         | 20    | 25.4   | ug/Kg | 127 | 10  |      | 62  | 140            | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 21.8   | ug/Kg | 109 | 4   |      | 66  | 136            | 20  |
|               | 1,1-Dichloroethene             | 20    | 19.9   | ug/Kg | 100 | 10  |      | 70  | 131            | 20  |
|               | Acetone                        | 100   | 120    | ug/Kg | 120 | 15  |      | 36  | 164            | 20  |
|               | Carbon disulfide               | 20    | 19.3   | ug/Kg | 97  | 3   |      | 63  | 132            | 20  |
|               | Methyl tert-butyl Ether        | 20    | 20.2   | ug/Kg | 101 | 0   |      | 73  | 125            | 20  |
|               | Methylene Chloride             | 20    | 19.2   | ug/Kg | 96  | 2   |      | 70  | 128            | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 20.0   | ug/Kg | 100 | 2   |      | 74  | 125            | 20  |
|               | 1,1-Dichloroethane             | 20    | 19.5   | ug/Kg | 98  | 2   |      | 76  | 125            | 20  |
|               | 2-Butanone                     | 100   | 100    | ug/Kg | 100 | 10  |      | 51  | 148            | 20  |
|               | Carbon Tetrachloride           | 20    | 19.6   | ug/Kg | 98  | 6   |      | 70  | 135            | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 20.5   | ug/Kg | 103 | 0   |      | 77  | 123            | 20  |
|               | Chloroform                     | 20    | 20.1   | ug/Kg | 101 | 2   |      | 78  | 123            | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 19.7   | ug/Kg | 99  | 5   |      | 73  | 130            | 20  |
|               | Methylcyclohexane              | 20    | 20.0   | ug/Kg | 100 | 7   |      | 66  | 133            | 20  |
|               | Benzene                        | 20    | 19.4   | ug/Kg | 97  | 5   |      | 77  | 121            | 20  |
|               | 1,2-Dichloroethane             | 20    | 19.6   | ug/Kg | 98  | 0   |      | 73  | 128            | 20  |
|               | Trichloroethene                | 20    | 20.4   | ug/Kg | 102 | 2   |      | 77  | 123            | 20  |
|               | 1,2-Dichloropropane            | 20    | 19.0   | ug/Kg | 95  | 5   |      | 76  | 123            | 20  |
|               | Bromodichloromethane           | 20    | 19.7   | ug/Kg | 99  | 1   |      | 75  | 127            | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 93.8   | ug/Kg | 94  | 1   |      | 65  | 135            | 20  |
|               | Toluene                        | 20    | 18.9   | ug/Kg | 95  | 6   |      | 77  | 121            | 20  |
|               | t-1,3-Dichloropropene          | 20    | 18.8   | ug/Kg | 94  | 4   |      | 71  | 130            | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 19.0   | ug/Kg | 95  | 4   |      | 74  | 126            | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 20.7   | ug/Kg | 104 | 3   |      | 78  | 121            | 20  |
|               | 2-Hexanone                     | 100   | 95.3   | ug/Kg | 95  | 5   |      | 53  | 145            | 20  |
|               | Dibromochloromethane           | 20    | 19.5   | ug/Kg | 98  | 4   |      | 74  | 126            | 20  |
|               | Tetrachloroethene              | 20    | 19.6   | ug/Kg | 98  | 8   |      | 73  | 128            | 20  |
|               | Chlorobenzene                  | 20    | 19.5   | ug/Kg | 98  | 5   |      | 79  | 120            | 20  |
|               | Ethyl Benzene                  | 20    | 18.8   | ug/Kg | 94  | 8   |      | 76  | 122            | 20  |
|               | m/p-Xylenes                    | 40    | 37.8   | ug/Kg | 95  | 7   |      | 77  | 124            | 20  |
|               | o-Xylene                       | 20    | 18.9   | ug/Kg | 95  | 5   |      | 77  | 123            | 20  |
|               | Styrene                        | 20    | 18.5   | ug/Kg | 93  | 6   |      | 76  | 124            | 20  |
|               | Bromoform                      | 20    | 19.0   | ug/Kg | 95  | 5   |      | 67  | 132            | 20  |
|               | Isopropylbenzene               | 20    | 19.5   | ug/Kg | 98  | 7   |      | 68  | 134            | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 21.2   | ug/Kg | 106 | 2   |      | 70  | 124            | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 18.9   | ug/Kg | 95  | 6   |      | 77  | 121            | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 19.1   | ug/Kg | 96  | 7   |      | 75  | 120            | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 19.1   | ug/Kg | 96  | 7   |      | 78  | 121            | 20  |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2118

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Datafile : VY022430.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY0527SBS01   | Chloromethane                  | 20    | 24.6   | ug/Kg | 123 |     |      | 50  | 136            |     |
|               | Vinyl chloride                 | 20    | 22.2   | ug/Kg | 111 |     |      | 56  | 135            |     |
|               | Bromomethane                   | 20    | 24.5   | ug/Kg | 123 |     |      | 53  | 143            |     |
|               | Chloroethane                   | 20    | 23.5   | ug/Kg | 117 |     |      | 59  | 139            |     |
|               | Trichlorofluoromethane         | 20    | 23.3   | ug/Kg | 117 |     |      | 62  | 140            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 21.8   | ug/Kg | 109 |     |      | 66  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 21.4   | ug/Kg | 107 |     |      | 70  | 131            |     |
|               | Acetone                        | 100   | 97.6   | ug/Kg | 98  |     |      | 36  | 164            |     |
|               | Carbon disulfide               | 20    | 21.3   | ug/Kg | 106 |     |      | 63  | 132            |     |
|               | Methyl tert-butyl Ether        | 20    | 21.0   | ug/Kg | 105 |     |      | 73  | 125            |     |
|               | Methylene Chloride             | 20    | 20.7   | ug/Kg | 104 |     |      | 70  | 128            |     |
|               | trans-1,2-Dichloroethene       | 20    | 21.4   | ug/Kg | 107 |     |      | 74  | 125            |     |
|               | 1,1-Dichloroethane             | 20    | 21.6   | ug/Kg | 108 |     |      | 76  | 125            |     |
|               | 2-Butanone                     | 100   | 100    | ug/Kg | 100 |     |      | 51  | 148            |     |
|               | Carbon Tetrachloride           | 20    | 20.1   | ug/Kg | 101 |     |      | 70  | 135            |     |
|               | cis-1,2-Dichloroethene         | 20    | 21.8   | ug/Kg | 109 |     |      | 77  | 123            |     |
|               | Chloroform                     | 20    | 21.7   | ug/Kg | 109 |     |      | 78  | 123            |     |
|               | 1,1,1-Trichloroethane          | 20    | 21.4   | ug/Kg | 107 |     |      | 73  | 130            |     |
|               | Methylcyclohexane              | 20    | 19.9   | ug/Kg | 100 |     |      | 66  | 133            |     |
|               | Benzene                        | 20    | 20.9   | ug/Kg | 104 |     |      | 77  | 121            |     |
|               | 1,2-Dichloroethane             | 20    | 20.9   | ug/Kg | 104 |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 20.2   | ug/Kg | 101 |     |      | 77  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 20.9   | ug/Kg | 104 |     |      | 76  | 123            |     |
|               | Bromodichloromethane           | 20    | 20.7   | ug/Kg | 104 |     |      | 75  | 127            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 99.2   | ug/Kg | 99  |     |      | 65  | 135            |     |
|               | Toluene                        | 20    | 20.6   | ug/Kg | 103 |     |      | 77  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 20.1   | ug/Kg | 101 |     |      | 71  | 130            |     |
|               | cis-1,3-Dichloropropene        | 20    | 20.3   | ug/Kg | 102 |     |      | 74  | 126            |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.7   | ug/Kg | 104 |     |      | 78  | 121            |     |
|               | 2-Hexanone                     | 100   | 97.5   | ug/Kg | 98  |     |      | 53  | 145            |     |
|               | Dibromochloromethane           | 20    | 20.7   | ug/Kg | 104 |     |      | 74  | 126            |     |
|               | Tetrachloroethene              | 20    | 19.9   | ug/Kg | 100 |     |      | 73  | 128            |     |
|               | Chlorobenzene                  | 20    | 20.3   | ug/Kg | 102 |     |      | 79  | 120            |     |
|               | Ethyl Benzene                  | 20    | 19.7   | ug/Kg | 99  |     |      | 76  | 122            |     |
|               | m/p-Xylenes                    | 40    | 39.3   | ug/Kg | 98  |     |      | 77  | 124            |     |
|               | o-Xylene                       | 20    | 19.8   | ug/Kg | 99  |     |      | 77  | 123            |     |
|               | Styrene                        | 20    | 20.0   | ug/Kg | 100 |     |      | 76  | 124            |     |
|               | Bromoform                      | 20    | 20.0   | ug/Kg | 100 |     |      | 67  | 132            |     |
|               | Isopropylbenzene               | 20    | 20.4   | ug/Kg | 102 |     |      | 68  | 134            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 20.6   | ug/Kg | 103 |     |      | 70  | 124            |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.7   | ug/Kg | 99  |     |      | 77  | 121            |     |
|               | 1,4-Dichlorobenzene            | 20    | 20.5   | ug/Kg | 103 |     |      | 75  | 120            |     |
|               | 1,2-Dichlorobenzene            | 20    | 20.7   | ug/Kg | 104 |     |      | 78  | 121            |     |

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0523WBL01

Lab Name: CHEMTECH

Contract: TETR06

Lab Code: CHEM Case No.: Q2118

SAS No.: Q2118 SDG NO.: Q2118

Lab File ID: VX046333.D

Lab Sample ID: VX0523WBL01

Date Analyzed: 05/23/2025

Time Analyzed: 10:16

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 |
|-------------------------|------------------|----------------|------------------|
| VX0523WBS01             | VX0523WBS01      | VX046334.D     | 05/23/2025       |
| VX0523WBSD01            | VX0523WBSD01     | VX046337.D     | 05/23/2025       |
| BP-VPB-182-TB-20250520  | Q2118-01         | VX046340.D     | 05/23/2025       |
| BP-VPB-182-GW-460-462   | Q2118-05         | VX046341.D     | 05/23/2025       |
| BP-VPB-182-GW-420-422   | Q2118-02         | VX046342.D     | 05/23/2025       |
| BP-VPB-182-GW-450-452   | Q2118-03         | VX046343.D     | 05/23/2025       |
| BP-VPB-182-DUP-20250520 | Q2118-04         | VX046344.D     | 05/23/2025       |
| BP-VPB-182-GW-480-482   | Q2118-06         | VX046345.D     | 05/23/2025       |
| BP-VPB-182-GW-520-522   | Q2118-08         | VX046346.D     | 05/23/2025       |
| BP-VPB-182-GW-540-542   | Q2118-09         | VX046347.D     | 05/23/2025       |
| BP-VPB-182-GW-560-562   | Q2118-10         | VX046348.D     | 05/23/2025       |

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

\_\_\_\_\_

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0523SBL01

Lab Name: CHEMTECH

Contract: TETR06

Lab Code: CHEM Case No.: Q2118

SAS No.: Q2118 SDG NO.: Q2118

Lab File ID: VY022408.D

Lab Sample ID: VY0523SBL01

Date Analyzed: 05/23/2025

Time Analyzed: 15:26

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_Y

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 |
|-----------------------|------------------|----------------|------------------|
| VY0523SBS01           | VY0523SBS01      | VY022409.D     | 05/23/2025       |
| VY0523SBSD01          | VY0523SBSD01     | VY022410.D     | 05/23/2025       |
| BP-VPB-182-GW-500-502 | Q2118-11         | VY022411.D     | 05/23/2025       |

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

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0527SBL01

Lab Name: CHEMTECH

Contract: TETR06

Lab Code: CHEM Case No.: Q2118

SAS No.: Q2118 SDG NO.: Q2118

Lab File ID: VY022429.D

Lab Sample ID: VY0527SBL01

Date Analyzed: 05/27/2025

Time Analyzed: 13:12

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_Y

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 |
|-------------------------|------------------|----------------|------------------|
| VY0527SBS01             | VY0527SBS01      | VY022430.D     | 05/27/2025       |
| BP-VPB-182-GW-500-502RE | Q2118-11RE       | VY022432.D     | 05/27/2025       |

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

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VX046038.D BFB Injection Date: 05/05/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 09:37  
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            | 22.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 56.2                 |
| 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         | 0.5 ( 0.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 68.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5 ( 7.3 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 66.7 ( 97 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.6 ( 6.9 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC020         | VSTDIC020        | VX046041.D     | 05/05/2025       | 11:35            |
| VSTDIC050         | VSTDIC050        | VX046042.D     | 05/05/2025       | 11:58            |
| VSTDIC100         | VSTDIC100        | VX046043.D     | 05/05/2025       | 12:21            |
| VSTDIC150         | VSTDIC150        | VX046044.D     | 05/05/2025       | 12:45            |
| VSTDIC005         | VSTDIC005        | VX046046.D     | 05/05/2025       | 16:04            |
| VSTDIC001         | VSTDIC001        | VX046047.D     | 05/05/2025       | 16:27            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VX046330.D BFB Injection Date: 05/23/2025  
Instrument ID: MSVOA\_X BFB Injection Time: 08:25  
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            | 22                   |
| 75  | 30.0 - 60.0% of mass 95            | 56.7                 |
| 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         | 0.8 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 66.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.6 ( 6.9 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64 ( 95.9 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 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:

| EPA<br>SAMPLE NO.       | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050              | VSTDCCC050       | VX046331.D     | 05/23/2025       | 09:24            |
| VX0523WBL01             | VX0523WBL01      | VX046333.D     | 05/23/2025       | 10:16            |
| VX0523WBS01             | VX0523WBS01      | VX046334.D     | 05/23/2025       | 10:57            |
| VX0523WBSD01            | VX0523WBSD01     | VX046337.D     | 05/23/2025       | 12:10            |
| BP-VPB-182-TB-20250520  | Q2118-01         | VX046340.D     | 05/23/2025       | 13:20            |
| BP-VPB-182-GW-460-462   | Q2118-05         | VX046341.D     | 05/23/2025       | 13:43            |
| BP-VPB-182-GW-420-422   | Q2118-02         | VX046342.D     | 05/23/2025       | 14:06            |
| BP-VPB-182-GW-450-452   | Q2118-03         | VX046343.D     | 05/23/2025       | 14:29            |
| BP-VPB-182-DUP-20250520 | Q2118-04         | VX046344.D     | 05/23/2025       | 14:53            |
| BP-VPB-182-GW-480-482   | Q2118-06         | VX046345.D     | 05/23/2025       | 15:16            |
| BP-VPB-182-GW-520-522   | Q2118-08         | VX046346.D     | 05/23/2025       | 15:39            |
| BP-VPB-182-GW-540-542   | Q2118-09         | VX046347.D     | 05/23/2025       | 16:03            |
| BP-VPB-182-GW-560-562   | Q2118-10         | VX046348.D     | 05/23/2025       | 16:26            |
| VSTDCCC050EC            | VSTDCCC050       | VX046357.D     | 05/23/2025       | 19:55            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022252.D BFB Injection Date: 05/15/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 07:52  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 24                   |
| 75  | 30.0 - 60.0% of mass 95            | 55.9                 |
| 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         | 0.7 ( 0.9 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 80.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.9 ( 7.3 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 77.5 ( 96.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 6.8 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY022253.D     | 05/15/2025       | 09:46            |
| VSTDIC010         | VSTDIC010        | VY022254.D     | 05/15/2025       | 10:16            |
| VSTDIC020         | VSTDIC020        | VY022255.D     | 05/15/2025       | 10:39            |
| VSTDIC050         | VSTDIC050        | VY022256.D     | 05/15/2025       | 11:02            |
| VSTDIC100         | VSTDIC100        | VY022257.D     | 05/15/2025       | 11:24            |
| VSTDIC150         | VSTDIC150        | VY022258.D     | 05/15/2025       | 11:47            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022406.D BFB Injection Date: 05/23/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 11:40  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 23.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.2                 |
| 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         | 1 ( 1.2 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 89                   |
| 175 | 5.0 - 9.0% of mass 174             | 6.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 86.3 ( 97 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 5.7 ( 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:

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-----------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050            | VSTDCCC050       | VY022407.D     | 05/23/2025       | 14:34            |
| VY0523SBL01           | VY0523SBL01      | VY022408.D     | 05/23/2025       | 15:26            |
| VY0523SBS01           | VY0523SBS01      | VY022409.D     | 05/23/2025       | 16:28            |
| VY0523SBSD01          | VY0523SBSD01     | VY022410.D     | 05/23/2025       | 16:50            |
| BP-VPB-182-GW-500-502 | Q2118-11         | VY022411.D     | 05/23/2025       | 17:14            |
| VSTDCCC050EC          | VSTDCCC050       | VY022419.D     | 05/23/2025       | 21:05            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022420.D BFB Injection Date: 05/27/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 08:20  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 23.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.9                  |
| 173 | Less than 2.0% of mass 174         | 1.1 ( 1.2 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 88.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.7 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 85.7 ( 96.4 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.5 ( 6.5 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| EPA<br>SAMPLE NO.       | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------------|------------------|----------------|------------------|------------------|
| VSTDIC005               | VSTDIC005        | VY022421.D     | 05/27/2025       | 08:50            |
| VSTDIC010               | VSTDIC010        | VY022422.D     | 05/27/2025       | 09:14            |
| VSTDIC020               | VSTDIC020        | VY022423.D     | 05/27/2025       | 09:36            |
| VSTDIC050               | VSTDIC050        | VY022424.D     | 05/27/2025       | 09:59            |
| VSTDIC100               | VSTDIC100        | VY022425.D     | 05/27/2025       | 10:22            |
| VSTDIC150               | VSTDIC150        | VY022426.D     | 05/27/2025       | 10:44            |
| VY0527SBL01             | VY0527SBL01      | VY022429.D     | 05/27/2025       | 13:12            |
| VY0527SBS01             | VY0527SBS01      | VY022430.D     | 05/27/2025       | 13:35            |
| BP-VPB-182-GW-500-502RE | Q2118-11RE       | VY022432.D     | 05/27/2025       | 14:27            |
| VSTDCC050EC             | VSTDCC050        | VY022438.D     | 05/27/2025       | 17:10            |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VX046331.D Date Analyzed: 05/23/2025  
Instrument ID: MSVOA\_X Time Analyzed: 09:24  
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             | 89943         | 5.54  | 154938        | 6.76  | 137123        | 10.05  |
| UPPER LIMIT             | 179886        | 6.044 | 309876        | 7.257 | 274246        | 10.549 |
| LOWER LIMIT             | 44971.5       | 5.044 | 77469         | 6.257 | 68561.5       | 9.549  |
| EPA SAMPLE NO.          |               |       |               |       |               |        |
| BP-VPB-182-TB-20250520  | 67136         | 5.55  | 131396        | 6.76  | 125098        | 10.05  |
| BP-VPB-182-GW-420-422   | 66286         | 5.55  | 129308        | 6.76  | 121023        | 10.05  |
| BP-VPB-182-GW-450-452   | 61687         | 5.54  | 122489        | 6.76  | 115391        | 10.05  |
| BP-VPB-182-DUP-20250520 | 62715         | 5.54  | 124739        | 6.76  | 116065        | 10.05  |
| BP-VPB-182-GW-460-462   | 66245         | 5.55  | 133836        | 6.76  | 126415        | 10.05  |
| BP-VPB-182-GW-480-482   | 69269         | 5.55  | 136686        | 6.76  | 129107        | 10.05  |
| BP-VPB-182-GW-520-522   | 67340         | 5.55  | 134921        | 6.76  | 127330        | 10.05  |
| BP-VPB-182-GW-540-542   | 64643         | 5.55  | 127425        | 6.76  | 122773        | 10.05  |
| BP-VPB-182-GW-560-562   | 63741         | 5.55  | 127709        | 6.76  | 120561        | 10.05  |
| VX0523WBL01             | 69169         | 5.55  | 136383        | 6.76  | 129888        | 10.05  |
| VX0523WBS01             | 88801         | 5.54  | 154286        | 6.75  | 135355        | 10.05  |
| VX0523WBSD01            | 88781         | 5.55  | 156018        | 6.76  | 138561        | 10.05  |

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: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VX046331.D Date Analyzed: 05/23/2025  
Instrument ID: MSVOA\_X Time Analyzed: 09:24  
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

|                         | IS4<br>AREA # | RT #   |  |  |  |  |
|-------------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD             | 66629         | 12.018 |  |  |  |  |
| UPPER LIMIT             | 133258        | 12.518 |  |  |  |  |
| LOWER LIMIT             | 33314.5       | 11.518 |  |  |  |  |
| EPA SAMPLE NO.          |               |        |  |  |  |  |
| BP-VPB-182-TB-20250520  | 55490         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-420-422   | 49690         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-450-452   | 49143         | 12.02  |  |  |  |  |
| BP-VPB-182-DUP-20250520 | 47836         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-460-462   | 54701         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-480-482   | 55196         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-520-522   | 52504         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-540-542   | 53639         | 12.02  |  |  |  |  |
| BP-VPB-182-GW-560-562   | 49123         | 12.02  |  |  |  |  |
| VX0523WBL01             | 57102         | 12.02  |  |  |  |  |
| VX0523WBS01             | 65596         | 12.02  |  |  |  |  |
| VX0523WBSD01            | 64515         | 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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022407.D Date Analyzed: 05/23/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 14:34  
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           | 221240        | 7.72  | 368290        | 8.62  | 319713        | 11.42 |
| UPPER LIMIT           | 442480        | 8.219 | 736580        | 9.122 | 639426        | 11.92 |
| LOWER LIMIT           | 110620        | 7.219 | 184145        | 8.122 | 159857        | 10.92 |
| EPA SAMPLE NO.        |               |       |               |       |               |       |
| BP-VPB-182-GW-500-502 | 313111        | 7.71  | 554352        | 8.62  | 441958        | 11.42 |
| VY0523SBL01           | 328707        | 7.71  | 590839        | 8.62  | 465211        | 11.42 |
| VY0523SBS01           | 220484        | 7.71  | 365163        | 8.62  | 306453        | 11.42 |
| VY0523SBSD01          | 215942        | 7.71  | 364015        | 8.62  | 310108        | 11.42 |

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: CHEMTECH Contract: TETR06  
 Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
 Lab File ID: VY022407.D Date Analyzed: 05/23/2025  
 Instrument ID: MSVOA\_Y Time Analyzed: 14:34  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                       | IS4<br>AREA # | RT #   |  |  |  |  |
|-----------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD           | 156128        | 13.352 |  |  |  |  |
| UPPER LIMIT           | 312256        | 13.852 |  |  |  |  |
| LOWER LIMIT           | 78064         | 12.852 |  |  |  |  |
| EPA SAMPLE NO.        |               |        |  |  |  |  |
| BP-VPB-182-GW-500-502 | 152683        | 13.35  |  |  |  |  |
| VY0523SBL01           | 167300        | 13.35  |  |  |  |  |
| VY0523SBS01           | 141917        | 13.35  |  |  |  |  |
| VY0523SBSD01          | 143885        | 13.35  |  |  |  |  |

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022424.D Date Analyzed: 05/27/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 09:59  
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             | 251462        | 7.71  | 421648        | 8.62  | 359387        | 11.42 |
| UPPER LIMIT             | 502924        | 8.213 | 843296        | 9.116 | 718774        | 11.92 |
| LOWER LIMIT             | 125731        | 7.213 | 210824        | 8.116 | 179694        | 10.92 |
| EPA SAMPLE NO.          |               |       |               |       |               |       |
| BP-VPB-182-GW-500-502RE | 322318        | 7.71  | 572594        | 8.62  | 436021        | 11.41 |
| VY0527SBL01             | 351784        | 7.71  | 631221        | 8.62  | 510103        | 11.41 |
| VY0527SBS01             | 230468        | 7.71  | 399143        | 8.62  | 340460        | 11.41 |

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: CHEMTECH Contract: TETR06  
Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG NO.: Q2118  
Lab File ID: VY022424.D Date Analyzed: 05/27/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 09:59  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                         | IS4<br>AREA # | RT #   |  |  |  |  |
|-------------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD             | 170568        | 13.346 |  |  |  |  |
| UPPER LIMIT             | 341136        | 13.846 |  |  |  |  |
| LOWER LIMIT             | 85284         | 12.846 |  |  |  |  |
| EPA SAMPLE NO.          |               |        |  |  |  |  |
| BP-VPB-182-GW-500-502RE | 136693        | 13.35  |  |  |  |  |
| VY0527SBL01             | 193960        | 13.35  |  |  |  |  |
| VY0527SBS01             | 155764        | 13.35  |  |  |  |  |

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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBL01                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046333.D        | 1         |           | 05/23/25 10:16 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 3.80  | U         | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBL01                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046333.D        | 1         |           | 05/23/25 10:16 | VX052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 53.2   |           | 81 - 118 |      | 106%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane      | 52.0   |           | 80 - 119 |      | 104%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                | 51.1   |           | 89 - 112 |      | 102%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene      | 51.9   |           | 85 - 114 |      | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene        | 69200  | 5.55      |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 136000 | 6.757     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 130000 | 10.049    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 57100  | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBL01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022408.D        | 1         |           | 05/23/25 15:26 | VY052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 2.50  | U         | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 4.00  | U         | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 2.50  | U         | 1.30 | 2.50 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 4.00  | U         | 1.20 | 4.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.50  | U         | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 2.50  | U         | 1.00 | 2.50 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 20.0  | U         | 4.70 | 20.0 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 4.00  | U         | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.50  | U         | 0.73 | 2.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 8.00  | U         | 3.50 | 8.00 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.50  | U         | 0.86 | 2.50 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 2.50  | U         | 0.80 | 2.50 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 20.0  | U         | 6.50 | 20.0 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 2.50  | U         | 0.97 | 2.50 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.50  | U         | 0.75 | 2.50 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 4.00  | U         | 0.84 | 4.00 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.50  | U         | 0.93 | 2.50 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 2.50  | U         | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.50  | U         | 0.81 | 2.50 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 2.50  | U         | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 2.50  | U         | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 12.5  | U         | 3.60 | 12.5 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 2.50  | U         | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 2.50  | U         | 0.65 | 2.50 | 5.00       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 2.50  | U         | 0.62 | 2.50 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 2.50  | U         | 0.92 | 2.50 | 5.00       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 12.5  | U         | 3.70 | 12.5 | 25.0       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBL01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022408.D        | 1         |           | 05/23/25 15:26 | VY052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 2.50   | U         | 0.87     | 2.50 | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 2.50   | U         | 1.10     | 2.50 | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 2.50   | U         | 0.91     | 2.50 | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 2.50   | U         | 0.67     | 2.50 | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 5.00   | U         | 1.20     | 5.00 | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 2.50   | U         | 0.82     | 2.50 | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                   | 2.50   | U         | 0.71     | 2.50 | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 2.50   | U         | 0.86     | 2.50 | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 2.50   | U         | 0.78     | 2.50 | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 2.50   | U         | 1.20     | 2.50 | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 2.50   | U         | 1.70     | 2.50 | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 2.50   | U         | 1.60     | 2.50 | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 2.50   | U         | 1.50     | 2.50 | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 56.1   |           | 71 - 136 |      | 112%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 56.7   |           | 78 - 119 |      | 113%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 54.7   |           | 85 - 116 |      | 109%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 44.0   |           | 79 - 119 |      | 88%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 329000 | 7.713     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 591000 | 8.621     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 465000 | 11.42     |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 167000 | 13.352    |          |      |            |                   |

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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0527SBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0527SBL01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022429.D        | 1         |           | 05/27/25 13:12 | VY052725      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 2.50  | U         | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 4.00  | U         | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 2.50  | U         | 1.30 | 2.50 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 4.00  | U         | 1.20 | 4.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.50  | U         | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 2.50  | U         | 1.00 | 2.50 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 20.0  | U         | 4.70 | 20.0 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 4.00  | U         | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.50  | U         | 0.73 | 2.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 8.00  | U         | 3.50 | 8.00 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.50  | U         | 0.86 | 2.50 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 2.50  | U         | 0.80 | 2.50 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 20.0  | U         | 6.50 | 20.0 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 2.50  | U         | 0.97 | 2.50 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.50  | U         | 0.75 | 2.50 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 4.00  | U         | 0.84 | 4.00 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.50  | U         | 0.93 | 2.50 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 2.50  | U         | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.50  | U         | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.50  | U         | 0.81 | 2.50 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 2.50  | U         | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 2.50  | U         | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 12.5  | U         | 3.60 | 12.5 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 2.50  | U         | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 2.50  | U         | 0.65 | 2.50 | 5.00       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 2.50  | U         | 0.62 | 2.50 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 2.50  | U         | 0.92 | 2.50 | 5.00       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 12.5  | U         | 3.70 | 12.5 | 25.0       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0527SBL01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0527SBL01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022429.D        | 1         |           | 05/27/25 13:12 | VY052725      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 2.50   | U         | 0.87     | 2.50 | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 2.50   | U         | 1.10     | 2.50 | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 2.50   | U         | 0.91     | 2.50 | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 2.50   | U         | 0.67     | 2.50 | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 5.00   | U         | 1.20     | 5.00 | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 2.50   | U         | 0.82     | 2.50 | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                   | 2.50   | U         | 0.71     | 2.50 | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 2.50   | U         | 0.86     | 2.50 | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 2.50   | U         | 0.78     | 2.50 | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 2.50   | U         | 1.20     | 2.50 | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 2.50   | U         | 1.70     | 2.50 | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 2.50   | U         | 1.60     | 2.50 | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 2.50   | U         | 1.50     | 2.50 | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 51.0   |           | 71 - 136 |      | 102%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 50.9   |           | 78 - 119 |      | 102%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 50.2   |           | 85 - 116 |      | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 42.8   |           | 79 - 119 |      | 86%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 352000 | 7.707     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 631000 | 8.615     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 510000 | 11.414    |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 194000 | 13.346    |          |      |            |                   |

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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBS01                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046334.D        | 1         |           | 05/23/25 10:57 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 18.7  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 17.8  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 18.3  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 19.2  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 19.9  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.1  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 19.3  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 100   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 15.4  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.7  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 18.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.0  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 20.3  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 20.4  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.4  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 21.0  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.4  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 18.4  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 20.3  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.8  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 21.1  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.8  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 20.4  |           | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 19.5  |           | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 20.7  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 21.8  |           | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 110   |           | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBS01                   |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046334.D        | 1         |           | 05/23/25 10:57 | VX052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 21.0   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene         | 20.9   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene             | 20.1   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene             | 20.3   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes               | 40.6   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                  | 20.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                   | 21.0   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                 | 19.4   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene          | 20.2   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 20.2   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene       | 20.0   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene       | 19.8   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene       | 20.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 50.5   |           | 81 - 118 |      | 101%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane      | 52.4   |           | 80 - 119 |      | 105%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                | 50.7   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene      | 51.4   |           | 85 - 114 |      | 103%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene        | 88800  | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 154000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 135000 | 10.049    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 65600  | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBS01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022409.D        | 1         |           | 05/23/25 16:28 | VY052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 24.0  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 25.2  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 34.5  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 27.1  |           | 1.30 | 2.50 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 22.9  |           | 1.20 | 4.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 22.8  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 22.1  |           | 1.00 | 2.50 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 140   |           | 4.70 | 20.0 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 19.9  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.1  |           | 0.73 | 2.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 19.6  |           | 3.50 | 8.00 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 20.4  |           | 0.86 | 2.50 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 20.0  |           | 0.80 | 2.50 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 110   |           | 6.50 | 20.0 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 20.9  |           | 0.97 | 2.50 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.5  |           | 0.75 | 2.50 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 20.5  |           | 0.84 | 4.00 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.7  |           | 0.93 | 2.50 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 21.4  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 20.3  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 19.6  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 20.8  |           | 0.81 | 2.50 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 20.0  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 20.0  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 92.8  |           | 3.60 | 12.5 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 20.2  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 19.6  |           | 0.65 | 2.50 | 5.00       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 19.7  |           | 0.62 | 2.50 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 20.2  |           | 0.92 | 2.50 | 5.00       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 100   |           | 3.70 | 12.5 | 25.0       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBS01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022409.D        | 1         |           | 05/23/25 16:28 | VY052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 20.4   |           | 0.87     | 2.50 | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 21.1   |           | 1.10     | 2.50 | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 20.5   |           | 0.91     | 2.50 | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 20.3   |           | 0.67     | 2.50 | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 40.6   |           | 1.20     | 5.00 | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 19.9   |           | 0.82     | 2.50 | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                   | 19.8   |           | 0.71     | 2.50 | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 20.0   |           | 0.86     | 2.50 | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 21.0   |           | 0.78     | 2.50 | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 20.9   |           | 1.20     | 2.50 | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 20.2   |           | 1.70     | 2.50 | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 20.5   |           | 1.60     | 2.50 | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 20.5   |           | 1.50     | 2.50 | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 50.7   |           | 71 - 136 |      | 101%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 53.6   |           | 78 - 119 |      | 107%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 53.5   |           | 85 - 116 |      | 107%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 48.8   |           | 79 - 119 |      | 98%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 220000 | 7.713     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 365000 | 8.621     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 306000 | 11.42     |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 142000 | 13.352    |          |      |            |                   |

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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0527SBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0527SBS01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022430.D        | 1         |           | 05/27/25 13:35 | VY052725      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 24.6  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 22.2  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 24.5  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 23.5  |           | 1.30 | 2.50 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 23.3  |           | 1.20 | 4.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 21.8  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 21.4  |           | 1.00 | 2.50 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 97.6  |           | 4.70 | 20.0 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 21.3  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 21.0  |           | 0.73 | 2.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 20.7  |           | 3.50 | 8.00 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 21.4  |           | 0.86 | 2.50 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 21.6  |           | 0.80 | 2.50 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 100   |           | 6.50 | 20.0 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 20.1  |           | 0.97 | 2.50 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 21.8  |           | 0.75 | 2.50 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 21.7  |           | 0.84 | 4.00 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 21.4  |           | 0.93 | 2.50 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 19.9  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 20.9  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 20.9  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 20.2  |           | 0.81 | 2.50 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 20.9  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 20.7  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 99.2  |           | 3.60 | 12.5 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 20.6  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 20.1  |           | 0.65 | 2.50 | 5.00       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 20.3  |           | 0.62 | 2.50 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 20.7  |           | 0.92 | 2.50 | 5.00       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 97.5  |           | 3.70 | 12.5 | 25.0       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0527SBS01                   |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0527SBS01                   |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022430.D        | 1         |           | 05/27/25 13:35 | VY052725      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 20.7   |           | 0.87     | 2.50 | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 19.9   |           | 1.10     | 2.50 | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 20.3   |           | 0.91     | 2.50 | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 19.7   |           | 0.67     | 2.50 | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 39.3   |           | 1.20     | 5.00 | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 19.8   |           | 0.82     | 2.50 | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                   | 20.0   |           | 0.71     | 2.50 | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 20.0   |           | 0.86     | 2.50 | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 20.4   |           | 0.78     | 2.50 | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 20.6   |           | 1.20     | 2.50 | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 19.7   |           | 1.70     | 2.50 | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 20.5   |           | 1.60     | 2.50 | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 20.7   |           | 1.50     | 2.50 | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 52.0   |           | 71 - 136 |      | 104%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 51.1   |           | 78 - 119 |      | 102%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 50.2   |           | 85 - 116 |      | 100%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 48.6   |           | 79 - 119 |      | 97%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 230000 | 7.707     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 399000 | 8.616     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 340000 | 11.414    |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 156000 | 13.347    |          |      |            |                   |

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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBSD01                  |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBSD01                  |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046337.D        | 1         |           | 05/23/25 12:10 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 18.5  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 17.4  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 17.6  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 19.9  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 19.6  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.6  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 18.5  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 100   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 14.1  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.8  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 18.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.6  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 20.5  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 110   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.1  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.2  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 21.0  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.4  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 18.6  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 20.4  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.8  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 21.3  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.3  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 20.7  |           | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 19.3  |           | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 20.0  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 21.7  |           | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 110   |           | 0.89  | 2.50 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VX0523WBSD01                  |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VX0523WBSD01                  |           | Matrix:         | Water        |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                               |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046337.D        | 1         |           | 05/23/25 12:10 | VX052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 20.3   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene         | 20.2   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene             | 20.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene             | 20.7   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes               | 41.1   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                  | 21.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                   | 21.5   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                 | 18.5   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene          | 21.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 21.2   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene       | 20.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene       | 20.6   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene       | 21.9   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 50.2   |           | 81 - 118 |      | 100%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane      | 51.1   |           | 80 - 119 |      | 102%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                | 50.3   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene      | 51.8   |           | 85 - 114 |      | 104%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene        | 88800  | 5.55      |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 156000 | 6.757     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 139000 | 10.049    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 64500  | 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:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBSD01                  |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBSD01                  |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022410.D        | 1         |           | 05/23/25 16:50 | VY052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |      |            |                   |
| 74-87-3        | Chloromethane                  | 24.0  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 25.2  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 37.3  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 31.0  |           | 1.30 | 2.50 | 5.00       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 25.4  |           | 1.20 | 4.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 21.8  |           | 1.10 | 2.50 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 19.9  |           | 1.00 | 2.50 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 120   |           | 4.70 | 20.0 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 19.3  |           | 1.10 | 4.00 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.2  |           | 0.73 | 2.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 19.2  |           | 3.50 | 8.00 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 20.0  |           | 0.86 | 2.50 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 19.5  |           | 0.80 | 2.50 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 100   |           | 6.50 | 20.0 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 19.6  |           | 0.97 | 2.50 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.5  |           | 0.75 | 2.50 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 20.1  |           | 0.84 | 4.00 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.7  |           | 0.93 | 2.50 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 20.0  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 19.4  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 19.6  |           | 0.79 | 2.50 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 20.4  |           | 0.81 | 2.50 | 5.00       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 19.0  |           | 0.91 | 2.50 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 19.7  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 93.8  |           | 3.60 | 12.5 | 25.0       | ug/Kg             |
| 108-88-3       | Toluene                        | 18.9  |           | 0.78 | 2.50 | 5.00       | ug/Kg             |
| 10061-02-6     | t-1,3-Dichloropropene          | 18.8  |           | 0.65 | 2.50 | 5.00       | ug/Kg             |
| 10061-01-5     | cis-1,3-Dichloropropene        | 19.0  |           | 0.62 | 2.50 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 20.7  |           | 0.92 | 2.50 | 5.00       | ug/Kg             |
| 591-78-6       | 2-Hexanone                     | 95.3  |           | 3.70 | 12.5 | 25.0       | ug/Kg             |

## Report of Analysis

|                    |                               |           |                 |              |
|--------------------|-------------------------------|-----------|-----------------|--------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |              |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |              |
| Client Sample ID:  | VY0523SBSD01                  |           | SDG No.:        | Q2118        |
| Lab Sample ID:     | VY0523SBSD01                  |           | 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: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022410.D        | 1         |           | 05/23/25 16:50 | VY052325      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|---------------------------|--------|-----------|----------|------|------------|-------------------|
| 124-48-1                  | Dibromochloromethane      | 19.5   |           | 0.87     | 2.50 | 5.00       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene         | 19.6   |           | 1.10     | 2.50 | 5.00       | ug/Kg             |
| 108-90-7                  | Chlorobenzene             | 19.5   |           | 0.91     | 2.50 | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene             | 18.8   |           | 0.67     | 2.50 | 5.00       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes               | 37.8   |           | 1.20     | 5.00 | 10.0       | ug/Kg             |
| 95-47-6                   | o-Xylene                  | 18.9   |           | 0.82     | 2.50 | 5.00       | ug/Kg             |
| 100-42-5                  | Styrene                   | 18.5   |           | 0.71     | 2.50 | 5.00       | ug/Kg             |
| 75-25-2                   | Bromoform                 | 19.0   |           | 0.86     | 2.50 | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene          | 19.5   |           | 0.78     | 2.50 | 5.00       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 21.2   |           | 1.20     | 2.50 | 5.00       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene       | 18.9   |           | 1.70     | 2.50 | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene       | 19.1   |           | 1.60     | 2.50 | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene       | 19.1   |           | 1.50     | 2.50 | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                           |        |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 51.6   |           | 71 - 136 |      | 103%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane      | 51.4   |           | 78 - 119 |      | 103%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                | 51.3   |           | 85 - 116 |      | 103%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene      | 47.5   |           | 79 - 119 |      | 95%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene        | 216000 | 7.713     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene       | 364000 | 8.622     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5          | 310000 | 11.42     |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4    | 144000 | 13.353    |          |      |            |                   |

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:           | <u>CHEMTECH</u>  | Contract:            | <u>TETR06</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2118</u>      |
| Instrument ID:      | <u>MSVOA_X</u>   | SAS No.:             | <u>Q2118</u>      |
| Heated Purge: (Y/N) | <u>N</u>         | SDG No.:             | <u>Q2118</u>      |
| GC Column:          | <u>DB-624UI</u>  | Calibration Date(s): | <u>05/05/2025</u> |
| ID:                 | <u>0.18 (mm)</u> | Calibration Time(s): | <u>11:35</u>      |
|                     |                  |                      | <u>16:27</u>      |

| LAB FILE ID:                   | RRF020 = VX046041.D | RRF050 = VX046042.D | RRF100 = VX046043.D | RRF150 = VX046044.D | RRF005 = VX046046.D | RRF001 = VX046047.D |       |       |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------|-------|
| COMPOUND                       | RRF020              | RRF050              | RRF100              | RRF150              | RRF005              | RRF001              | RRF   | % RSD |
| Chloromethane                  | 0.727               | 0.775               | 0.787               | 0.791               | 0.679               | 0.694               | 0.742 | 6.6   |
| Vinyl Chloride                 | 0.660               | 0.710               | 0.727               | 0.755               | 0.619               | 0.673               | 0.691 | 7.2   |
| Bromomethane                   | 0.296               | 0.326               | 0.340               | 0.334               | 0.305               |                     | 0.320 | 5.8   |
| Chloroethane                   | 0.354               | 0.378               | 0.329               | 0.317               | 0.368               | 0.467               | 0.369 | 14.4  |
| Trichlorofluoromethane         | 1.035               | 1.068               | 0.983               | 0.985               | 0.990               | 1.064               | 1.021 | 3.9   |
| 1,1,2-Trichlorotrifluoroethane | 0.628               | 0.641               | 0.629               | 0.648               | 0.610               | 0.633               | 0.632 | 2.1   |
| 1,1-Dichloroethene             | 0.565               | 0.601               | 0.607               | 0.625               | 0.567               | 0.594               | 0.593 | 3.9   |
| Acetone                        | 0.361               | 0.362               | 0.361               | 0.370               | 0.408               | 0.380               | 0.374 | 4.9   |
| Carbon Disulfide               | 1.295               | 1.455               | 1.522               | 1.597               | 1.141               | 1.423               | 1.406 | 11.7  |
| Methyl tert-butyl Ether        | 2.044               | 2.160               | 2.172               | 2.239               | 1.908               | 1.949               | 2.079 | 6.4   |
| Methylene Chloride             | 0.689               | 0.684               | 0.691               | 0.691               | 0.689               | 0.853               | 0.716 | 9.4   |
| trans-1,2-Dichloroethene       | 0.573               | 0.610               | 0.612               | 0.622               | 0.557               | 0.604               | 0.596 | 4.3   |
| 1,1-Dichloroethane             | 1.233               | 1.263               | 1.263               | 1.286               | 1.154               | 1.116               | 1.219 | 5.6   |
| 2-Butanone                     | 0.540               | 0.555               | 0.558               | 0.569               | 0.539               | 0.495               | 0.543 | 4.8   |
| Carbon Tetrachloride           | 0.528               | 0.558               | 0.552               | 0.577               | 0.505               | 0.541               | 0.544 | 4.6   |
| cis-1,2-Dichloroethene         | 0.716               | 0.737               | 0.738               | 0.755               | 0.642               | 0.719               | 0.718 | 5.5   |
| Chloroform                     | 1.287               | 1.296               | 1.277               | 1.300               | 1.199               | 1.265               | 1.271 | 3     |
| 1,1,1-Trichloroethane          | 1.106               | 1.131               | 1.155               | 1.188               | 1.013               | 1.015               | 1.101 | 6.6   |
| Methylcyclohexane              | 0.596               | 0.641               | 0.627               | 0.658               | 0.587               | 0.627               | 0.623 | 4.3   |
| Benzene                        | 1.426               | 1.474               | 1.441               | 1.477               | 1.337               | 1.348               | 1.417 | 4.3   |
| 1,2-Dichloroethane             | 0.632               | 0.627               | 0.611               | 0.625               | 0.594               | 0.579               | 0.612 | 3.5   |
| Trichloroethene                | 0.344               | 0.355               | 0.345               | 0.362               | 0.315               | 0.324               | 0.341 | 5.3   |
| 1,2-Dichloropropane            | 0.356               | 0.371               | 0.368               | 0.378               | 0.324               | 0.317               | 0.352 | 7.4   |
| Bromodichloromethane           | 0.557               | 0.577               | 0.573               | 0.594               | 0.498               | 0.485               | 0.547 | 8.2   |
| 4-Methyl-2-Pentanone           | 0.620               | 0.634               | 0.630               | 0.631               | 0.555               | 0.561               | 0.605 | 6     |
| Toluene                        | 0.884               | 0.898               | 0.885               | 0.904               | 0.838               | 0.803               | 0.869 | 4.5   |
| t-1,3-Dichloropropene          | 0.468               | 0.528               | 0.555               | 0.591               | 0.406               | 0.371               | 0.487 | 17.9  |
| cis-1,3-Dichloropropene        | 0.531               | 0.578               | 0.602               | 0.623               | 0.469               | 0.423               | 0.538 | 14.6  |
| 1,1,2-Trichloroethane          | 0.349               | 0.354               | 0.351               | 0.356               | 0.337               | 0.308               | 0.343 | 5.3   |
| 2-Hexanone                     | 0.466               | 0.473               | 0.477               | 0.473               | 0.414               | 0.385               | 0.448 | 8.7   |

\* 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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

| LAB FILE ID:              |        | RRF020 = VX046041.D |        | RRF050 = VX046042.D |        | RRF100 = VX046043.D |       |       |  |
|---------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                           |        | RRF150 = VX046044.D |        | RRF005 = VX046046.D |        | RRF001 = VX046047.D |       |       |  |
| COMPOUND                  | RRF020 | RRF050              | RRF100 | RRF150              | RRF005 | RRF001              | RRF   | % RSD |  |
| Dibromochloromethane      | 0.378  | 0.400               | 0.415  | 0.431               | 0.326  | 0.306               | 0.376 | 13.3  |  |
| Tetrachloroethene         | 0.390  | 0.375               | 0.345  | 0.344               | 0.323  | 0.347               | 0.354 | 6.8   |  |
| Chlorobenzene             | 1.093  | 1.098               | 1.085  | 1.114               | 1.046  | 1.131               | 1.094 | 2.7   |  |
| Ethyl Benzene             | 1.919  | 2.022               | 1.979  | 2.036               | 1.816  | 1.803               | 1.929 | 5.2   |  |
| m/p-Xylenes               | 0.706  | 0.740               | 0.721  | 0.740               | 0.678  | 0.648               | 0.706 | 5.2   |  |
| o-Xylene                  | 0.688  | 0.727               | 0.706  | 0.726               | 0.639  | 0.642               | 0.688 | 5.7   |  |
| Styrene                   | 1.135  | 1.219               | 1.214  | 1.230               | 1.012  | 0.951               | 1.127 | 10.6  |  |
| Bromoform                 | 0.270  | 0.304               | 0.312  | 0.327               | 0.236  | 0.234               | 0.281 | 14.2  |  |
| Isopropylbenzene          | 3.843  | 4.130               | 3.876  | 4.156               | 3.562  | 3.789               | 3.893 | 5.7   |  |
| 1,1,2,2-Tetrachloroethane | 1.315  | 1.338               | 1.284  | 1.345               | 1.350  | 1.552               | 1.364 | 7     |  |
| 1,3-Dichlorobenzene       | 1.633  | 1.701               | 1.656  | 1.730               | 1.558  | 1.619               | 1.649 | 3.7   |  |
| 1,4-Dichlorobenzene       | 1.629  | 1.693               | 1.639  | 1.722               | 1.606  | 1.817               | 1.684 | 4.6   |  |
| 1,2-Dichlorobenzene       | 1.613  | 1.696               | 1.634  | 1.702               | 1.577  | 1.710               | 1.655 | 3.3   |  |
| 1,2-Dichloroethane-d4     | 0.953  | 0.910               | 0.930  | 0.932               | 0.935  |                     | 0.932 | 1.6   |  |
| Dibromofluoromethane      | 0.359  | 0.355               | 0.364  | 0.368               | 0.354  |                     | 0.360 | 1.7   |  |
| Toluene-d8                | 1.246  | 1.223               | 1.266  | 1.275               | 1.221  |                     | 1.246 | 2     |  |
| 4-Bromofluorobenzene      | 0.455  | 0.470               | 0.500  | 0.500               | 0.464  |                     | 0.478 | 4.4   |  |

\* 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 ORGANICS INITIAL CALIBRATION DATA

|                     |                 |                      |                   |
|---------------------|-----------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u> | Contract:            | <u>TETR06</u>     |
| Lab Code:           | <u>CHEM</u>     | Case No.:            | <u>Q2118</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>  | SAS No.:             | <u>Q2118</u>      |
| Heated Purge: (Y/N) | <u>Y</u>        | SDG No.:             | <u>Q2118</u>      |
| GC Column:          | <u>RXI-624</u>  | ID:                  | <u>0.25</u> (mm)  |
|                     |                 | Calibration Date(s): | <u>05/15/2025</u> |
|                     |                 | Calibration Time(s): | <u>09:46</u>      |

| LAB FILE ID:                   | RRF005 = VY022253.D | RRF010 = VY022254.D | RRF020 = VY022255.D | RRF050 = VY022256.D | RRF100 = VY022257.D | RRF150 = VY022258.D |       |       |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------|-------|
| COMPOUND                       | RRF005              | RRF010              | RRF020              | RRF050              | RRF100              | RRF150              | RRF   | % RSD |
| Chloromethane                  | 1.212               | 1.237               | 1.153               | 1.042               | 1.046               | 0.894               | 1.097 | 11.7  |
| Vinyl Chloride                 | 1.265               | 1.317               | 1.264               | 1.210               | 1.190               | 1.110               | 1.226 | 5.9   |
| Bromomethane                   | 1.107               | 1.033               | 1.058               | 0.877               | 0.955               | 0.959               | 0.998 | 8.3   |
| Chloroethane                   | 0.751               | 0.814               | 0.796               | 0.756               | 0.733               | 0.727               | 0.763 | 4.6   |
| Trichlorofluoromethane         | 1.254               | 1.292               | 1.260               | 1.214               | 1.211               | 1.217               | 1.241 | 2.6   |
| 1,1,2-Trichlorotrifluoroethane | 0.548               | 0.577               | 0.544               | 0.538               | 0.507               | 0.520               | 0.539 | 4.5   |
| 1,1-Dichloroethene             | 0.545               | 0.544               | 0.540               | 0.539               | 0.518               | 0.523               | 0.535 | 2.2   |
| Acetone                        | 0.126               | 0.114               | 0.096               | 0.093               | 0.094               | 0.092               | 0.102 | 13.6  |
| Carbon Disulfide               | 1.768               | 1.822               | 1.764               | 1.753               | 1.679               | 1.679               | 1.744 | 3.2   |
| Methyl tert-butyl Ether        | 1.463               | 1.523               | 1.393               | 1.459               | 1.504               | 1.507               | 1.475 | 3.2   |
| Methylene Chloride             | 0.797               | 0.811               | 0.646               | 0.597               | 0.570               | 0.552               | 0.662 | 17.3  |
| trans-1,2-Dichloroethene       | 0.577               | 0.609               | 0.603               | 0.592               | 0.580               | 0.581               | 0.590 | 2.2   |
| 1,1-Dichloroethane             | 1.112               | 1.136               | 1.099               | 1.117               | 1.093               | 1.082               | 1.106 | 1.7   |
| 2-Butanone                     | 0.180               | 0.181               | 0.158               | 0.161               | 0.174               | 0.174               | 0.171 | 5.6   |
| Carbon Tetrachloride           | 0.485               | 0.524               | 0.494               | 0.516               | 0.509               | 0.524               | 0.509 | 3.2   |
| cis-1,2-Dichloroethene         | 0.662               | 0.687               | 0.668               | 0.691               | 0.687               | 0.693               | 0.681 | 1.9   |
| Chloroform                     | 1.032               | 1.079               | 1.067               | 1.079               | 1.054               | 1.057               | 1.061 | 1.7   |
| 1,1,1-Trichloroethane          | 1.007               | 0.997               | 0.960               | 0.969               | 0.944               | 0.964               | 0.974 | 2.4   |
| Methylcyclohexane              | 0.664               | 0.678               | 0.645               | 0.670               | 0.639               | 0.667               | 0.660 | 2.3   |
| Benzene                        | 1.369               | 1.462               | 1.435               | 1.499               | 1.482               | 1.496               | 1.457 | 3.4   |
| 1,2-Dichloroethane             | 0.381               | 0.399               | 0.378               | 0.402               | 0.403               | 0.402               | 0.394 | 2.9   |
| Trichloroethene                | 0.358               | 0.366               | 0.361               | 0.371               | 0.356               | 0.363               | 0.362 | 1.5   |
| 1,2-Dichloropropane            | 0.337               | 0.361               | 0.344               | 0.357               | 0.354               | 0.355               | 0.351 | 2.6   |
| Bromodichloromethane           | 0.466               | 0.494               | 0.476               | 0.506               | 0.504               | 0.504               | 0.492 | 3.4   |
| 4-Methyl-2-Pentanone           | 0.238               | 0.247               | 0.230               | 0.253               | 0.275               | 0.275               | 0.253 | 7.4   |
| Toluene                        | 0.871               | 0.924               | 0.890               | 0.944               | 0.947               | 0.961               | 0.923 | 3.8   |
| t-1,3-Dichloropropene          | 0.464               | 0.473               | 0.457               | 0.487               | 0.498               | 0.499               | 0.480 | 3.7   |
| cis-1,3-Dichloropropene        | 0.523               | 0.548               | 0.535               | 0.562               | 0.562               | 0.568               | 0.550 | 3.2   |
| 1,1,2-Trichloroethane          | 0.241               | 0.243               | 0.232               | 0.243               | 0.248               | 0.249               | 0.243 | 2.4   |
| 2-Hexanone                     | 0.167               | 0.167               | 0.151               | 0.166               | 0.183               | 0.185               | 0.170 | 7.4   |

\* 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 ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>TETR06</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2118</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2118</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2118</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>05/15/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>09:46</u>      |
|                     |                  |                      | <u>11:47</u>      |

|                           |        |                     |        |                     |        |                     |       |       |
|---------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:              |        | RRF005 = VY022253.D |        | RRF010 = VY022254.D |        | RRF020 = VY022255.D |       |       |
|                           |        | RRF050 = VY022256.D |        | RRF100 = VY022257.D |        | RRF150 = VY022258.D |       |       |
| COMPOUND                  | RRF005 | RRF010              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| Dibromochloromethane      | 0.296  | 0.314               | 0.298  | 0.323               | 0.329  | 0.330               | 0.315 | 4.9   |
| Tetrachloroethene         | 0.474  | 0.481               | 0.470  | 0.474               | 0.446  | 0.429               | 0.462 | 4.4   |
| Chlorobenzene             | 1.112  | 1.110               | 1.106  | 1.154               | 1.143  | 1.143               | 1.128 | 1.9   |
| Ethyl Benzene             | 2.014  | 2.043               | 2.049  | 2.175               | 2.173  | 2.222               | 2.113 | 4.1   |
| m/p-Xylenes               | 0.749  | 0.770               | 0.763  | 0.818               | 0.825  | 0.852               | 0.796 | 5.2   |
| o-Xylene                  | 0.704  | 0.741               | 0.723  | 0.768               | 0.782  | 0.802               | 0.753 | 4.9   |
| Styrene                   | 1.182  | 1.214               | 1.210  | 1.303               | 1.335  | 1.380               | 1.270 | 6.3   |
| Bromoform                 | 0.202  | 0.214               | 0.194  | 0.209               | 0.219  | 0.217               | 0.209 | 4.5   |
| Isopropylbenzene          | 4.157  | 4.192               | 4.100  | 4.197               | 4.028  | 4.181               | 4.142 | 1.6   |
| 1,1,2,2-Tetrachloroethane | 0.656  | 0.647               | 0.581  | 0.628               | 0.645  | 0.666               | 0.637 | 4.8   |
| 1,3-Dichlorobenzene       | 1.757  | 1.774               | 1.715  | 1.838               | 1.839  | 1.914               | 1.806 | 4     |
| 1,4-Dichlorobenzene       | 1.759  | 1.765               | 1.706  | 1.750               | 1.723  | 1.720               | 1.737 | 1.4   |
| 1,2-Dichlorobenzene       | 1.526  | 1.520               | 1.479  | 1.534               | 1.520  | 1.523               | 1.517 | 1.3   |
| 1,2-Dichloroethane-d4     | 0.547  | 0.559               | 0.527  | 0.541               | 0.545  | 0.560               | 0.546 | 2.2   |
| Dibromofluoromethane      | 0.294  | 0.294               | 0.294  | 0.301               | 0.297  | 0.310               | 0.298 | 2.2   |
| Toluene-d8                | 1.224  | 1.200               | 1.195  | 1.230               | 1.214  | 1.272               | 1.222 | 2.3   |
| 4-Bromofluorobenzene      | 0.390  | 0.386               | 0.368  | 0.387               | 0.387  | 0.407               | 0.387 | 3.3   |

\* 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:           | <u>CHEMTECH</u>  | Contract:            | <u>TETR06</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2118</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2118</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2118</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>05/27/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>08:50</u>      |
|                     |                  |                      | <u>10:44</u>      |

|                                |                     |        |        |                     |        |                     |       |                     |  |                     |  |                     |  |
|--------------------------------|---------------------|--------|--------|---------------------|--------|---------------------|-------|---------------------|--|---------------------|--|---------------------|--|
| LAB FILE ID:                   | RRF005 = VY022421.D |        |        | RRF010 = VY022422.D |        | RRF020 = VY022423.D |       | RRF050 = VY022424.D |  | RRF100 = VY022425.D |  | RRF150 = VY022426.D |  |
| COMPOUND                       | RRF005              | RRF010 | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD               |  |                     |  |                     |  |
| Chloromethane                  | 1.364               | 1.331  | 1.300  | 1.196               | 0.936  | 0.912               | 1.173 | 17.1                |  |                     |  |                     |  |
| Vinyl Chloride                 | 1.535               | 1.493  | 1.522  | 1.453               | 1.292  | 1.257               | 1.425 | 8.5                 |  |                     |  |                     |  |
| Bromomethane                   | 1.261               | 1.281  | 1.397  | 1.275               | 1.213  | 1.345               | 1.295 | 5.1                 |  |                     |  |                     |  |
| Chloroethane                   | 0.930               | 0.881  | 0.949  | 1.015               | 0.907  | 0.907               | 0.932 | 5                   |  |                     |  |                     |  |
| Trichlorofluoromethane         | 1.243               | 1.174  | 1.222  | 1.197               | 1.187  | 1.193               | 1.203 | 2.1                 |  |                     |  |                     |  |
| 1,1,2-Trichlorotrifluoroethane | 0.552               | 0.517  | 0.541  | 0.520               | 0.523  | 0.512               | 0.528 | 2.9                 |  |                     |  |                     |  |
| 1,1-Dichloroethene             | 0.552               | 0.512  | 0.533  | 0.511               | 0.520  | 0.515               | 0.524 | 3                   |  |                     |  |                     |  |
| Acetone                        | 0.094               | 0.090  | 0.081  | 0.085               | 0.086  | 0.083               | 0.087 | 5.6                 |  |                     |  |                     |  |
| Carbon Disulfide               | 1.672               | 1.675  | 1.707  | 1.653               | 1.672  | 1.650               | 1.672 | 1.2                 |  |                     |  |                     |  |
| Methyl tert-butyl Ether        | 1.353               | 1.359  | 1.357  | 1.386               | 1.445  | 1.445               | 1.391 | 3.1                 |  |                     |  |                     |  |
| Methylene Chloride             | 0.778               | 0.669  | 0.578  | 0.549               | 0.550  | 0.543               | 0.611 | 15.5                |  |                     |  |                     |  |
| trans-1,2-Dichloroethene       | 0.595               | 0.556  | 0.555  | 0.561               | 0.582  | 0.582               | 0.572 | 2.9                 |  |                     |  |                     |  |
| 1,1-Dichloroethane             | 1.000               | 0.986  | 1.035  | 1.027               | 1.062  | 1.056               | 1.028 | 2.9                 |  |                     |  |                     |  |
| 2-Butanone                     | 0.137               | 0.144  | 0.136  | 0.142               | 0.152  | 0.154               | 0.144 | 5.2                 |  |                     |  |                     |  |
| Carbon Tetrachloride           | 0.473               | 0.456  | 0.471  | 0.481               | 0.510  | 0.512               | 0.484 | 4.7                 |  |                     |  |                     |  |
| cis-1,2-Dichloroethene         | 0.655               | 0.647  | 0.650  | 0.652               | 0.684  | 0.685               | 0.662 | 2.6                 |  |                     |  |                     |  |
| Chloroform                     | 0.966               | 0.970  | 1.023  | 1.026               | 1.052  | 1.038               | 1.013 | 3.5                 |  |                     |  |                     |  |
| 1,1,1-Trichloroethane          | 0.900               | 0.894  | 0.916  | 0.913               | 0.952  | 0.940               | 0.919 | 2.5                 |  |                     |  |                     |  |
| Methylcyclohexane              | 0.611               | 0.602  | 0.603  | 0.614               | 0.638  | 0.636               | 0.618 | 2.6                 |  |                     |  |                     |  |
| Benzene                        | 1.308               | 1.312  | 1.360  | 1.391               | 1.463  | 1.461               | 1.383 | 5                   |  |                     |  |                     |  |
| 1,2-Dichloroethane             | 0.348               | 0.348  | 0.360  | 0.369               | 0.383  | 0.384               | 0.365 | 4.5                 |  |                     |  |                     |  |
| Trichloroethene                | 0.334               | 0.325  | 0.344  | 0.343               | 0.357  | 0.347               | 0.342 | 3.3                 |  |                     |  |                     |  |
| 1,2-Dichloropropane            | 0.321               | 0.307  | 0.318  | 0.323               | 0.342  | 0.339               | 0.325 | 4                   |  |                     |  |                     |  |
| Bromodichloromethane           | 0.452               | 0.449  | 0.449  | 0.464               | 0.493  | 0.494               | 0.467 | 4.5                 |  |                     |  |                     |  |
| 4-Methyl-2-Pentanone           | 0.185               | 0.197  | 0.198  | 0.218               | 0.237  | 0.242               | 0.213 | 10.8                |  |                     |  |                     |  |
| Toluene                        | 0.782               | 0.805  | 0.842  | 0.868               | 0.929  | 0.957               | 0.864 | 7.9                 |  |                     |  |                     |  |
| t-1,3-Dichloropropene          | 0.400               | 0.414  | 0.416  | 0.434               | 0.472  | 0.473               | 0.435 | 7.1                 |  |                     |  |                     |  |
| cis-1,3-Dichloropropene        | 0.477               | 0.480  | 0.504  | 0.508               | 0.549  | 0.547               | 0.511 | 6.1                 |  |                     |  |                     |  |
| 1,1,2-Trichloroethane          | 0.219               | 0.216  | 0.226  | 0.229               | 0.243  | 0.243               | 0.229 | 5.1                 |  |                     |  |                     |  |
| 2-Hexanone                     | 0.121               | 0.125  | 0.129  | 0.145               | 0.157  | 0.159               | 0.140 | 12                  |  |                     |  |                     |  |

\* 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:           | <u>CHEMTECH</u>  | Contract:            | <u>TETR06</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2118</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2118</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2118</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>05/27/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>05/27/2025</u> |
|                     |                  |                      | <u>08:50</u>      |
|                     |                  |                      | <u>10:44</u>      |

|                           |        |                     |        |                     |        |                     |       |       |
|---------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:              |        | RRF005 = VY022421.D |        | RRF010 = VY022422.D |        | RRF020 = VY022423.D |       |       |
|                           |        | RRF050 = VY022424.D |        | RRF100 = VY022425.D |        | RRF150 = VY022426.D |       |       |
| COMPOUND                  | RRF005 | RRF010              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| Dibromochloromethane      | 0.258  | 0.274               | 0.284  | 0.302               | 0.320  | 0.321               | 0.293 | 8.7   |
| Tetrachloroethene         | 0.433  | 0.417               | 0.433  | 0.429               | 0.429  | 0.413               | 0.426 | 2.1   |
| Chlorobenzene             | 1.020  | 1.000               | 1.051  | 1.067               | 1.132  | 1.127               | 1.066 | 5.1   |
| Ethyl Benzene             | 1.823  | 1.828               | 1.920  | 1.980               | 2.142  | 2.185               | 1.980 | 7.8   |
| m/p-Xylenes               | 0.698  | 0.660               | 0.723  | 0.756               | 0.825  | 0.841               | 0.751 | 9.5   |
| o-Xylene                  | 0.654  | 0.637               | 0.673  | 0.709               | 0.768  | 0.792               | 0.705 | 8.9   |
| Styrene                   | 1.037  | 1.020               | 1.117  | 1.197               | 1.317  | 1.359               | 1.175 | 12.1  |
| Bromoform                 | 0.169  | 0.176               | 0.184  | 0.192               | 0.206  | 0.210               | 0.189 | 8.6   |
| Isopropylbenzene          | 3.863  | 3.741               | 3.946  | 3.871               | 4.105  | 4.086               | 3.935 | 3.6   |
| 1,1,2,2-Tetrachloroethane | 0.623  | 0.574               | 0.604  | 0.615               | 0.652  | 0.653               | 0.620 | 4.8   |
| 1,3-Dichlorobenzene       | 1.587  | 1.558               | 1.674  | 1.695               | 1.836  | 1.874               | 1.704 | 7.5   |
| 1,4-Dichlorobenzene       | 1.596  | 1.527               | 1.617  | 1.642               | 1.707  | 1.687               | 1.629 | 4     |
| 1,2-Dichlorobenzene       | 1.383  | 1.332               | 1.431  | 1.416               | 1.495  | 1.482               | 1.423 | 4.3   |
| 1,2-Dichloroethane-d4     | 0.507  | 0.525               | 0.517  | 0.532               | 0.541  | 0.538               | 0.527 | 2.5   |
| Dibromofluoromethane      | 0.287  | 0.281               | 0.283  | 0.290               | 0.309  | 0.308               | 0.293 | 4.3   |
| Toluene-d8                | 1.159  | 1.133               | 1.168  | 1.176               | 1.274  | 1.251               | 1.194 | 4.7   |
| 4-Bromofluorobenzene      | 0.377  | 0.331               | 0.345  | 0.355               | 0.382  | 0.376               | 0.361 | 5.7   |

\* 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 CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Chloromethane                  | 0.742 | 0.654  | 0.1        | -11.86 | 20    |
| Vinyl Chloride                 | 0.691 | 0.592  |            | -14.33 | 20    |
| Bromomethane                   | 0.320 | 0.288  |            | -10    | 20    |
| Chloroethane                   | 0.369 | 0.378  |            | 2.44   | 20    |
| Trichlorofluoromethane         | 1.021 | 0.993  |            | -2.74  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.632 | 0.618  |            | -2.21  | 20    |
| 1,1-Dichloroethene             | 0.593 | 0.550  |            | -7.25  | 20    |
| Acetone                        | 0.374 | 0.393  |            | 5.08   | 20    |
| Carbon Disulfide               | 1.406 | 1.170  |            | -16.78 | 20    |
| Methyl tert-butyl Ether        | 2.079 | 2.197  |            | 5.68   | 20    |
| Methylene Chloride             | 0.716 | 0.663  |            | -7.4   | 20    |
| trans-1,2-Dichloroethene       | 0.596 | 0.560  |            | -6.04  | 20    |
| 1,1-Dichloroethane             | 1.219 | 1.239  | 0.1        | 1.64   | 20    |
| 2-Butanone                     | 0.543 | 0.592  |            | 9.02   | 20    |
| Carbon Tetrachloride           | 0.544 | 0.551  |            | 1.29   | 20    |
| cis-1,2-Dichloroethene         | 0.718 | 0.706  |            | -1.67  | 20    |
| Chloroform                     | 1.271 | 1.286  |            | 1.18   | 20    |
| 1,1,1-Trichloroethane          | 1.101 | 1.128  |            | 2.45   | 20    |
| Methylcyclohexane              | 0.623 | 0.597  |            | -4.17  | 20    |
| Benzene                        | 1.417 | 1.421  |            | 0.28   | 20    |
| 1,2-Dichloroethane             | 0.612 | 0.628  |            | 2.61   | 20    |
| Trichloroethene                | 0.341 | 0.343  |            | 0.59   | 20    |
| 1,2-Dichloropropane            | 0.352 | 0.374  |            | 6.25   | 20    |
| Bromodichloromethane           | 0.547 | 0.595  |            | 8.77   | 20    |
| 4-Methyl-2-Pentanone           | 0.605 | 0.677  |            | 11.9   | 20    |
| Toluene                        | 0.869 | 0.878  |            | 1.04   | 20    |
| t-1,3-Dichloropropene          | 0.487 | 0.542  |            | 11.29  | 20    |
| cis-1,3-Dichloropropene        | 0.538 | 0.591  |            | 9.85   | 20    |
| 1,1,2-Trichloroethane          | 0.343 | 0.366  |            | 6.71   | 20    |
| 2-Hexanone                     | 0.448 | 0.511  |            | 14.06  | 20    |
| Dibromochloromethane           | 0.376 | 0.417  |            | 10.9   | 20    |
| Tetrachloroethene              | 0.354 | 0.357  |            | 0.85   | 20    |
| Chlorobenzene                  | 1.094 | 1.084  | 0.3        | -0.91  | 20    |
| Ethyl Benzene                  | 1.929 | 1.985  |            | 2.9    | 20    |
| m/p-Xylenes                    | 0.706 | 0.719  |            | 1.84   | 20    |
| o-Xylene                       | 0.688 | 0.714  |            | 3.78   | 20    |
| Styrene                        | 1.127 | 1.208  |            | 7.19   | 20    |
| Bromoform                      | 0.281 | 0.310  | 0.1        | 10.32  | 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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

| COMPOUND                  | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|---------------------------|-------|--------|------------|-------|-------|
| Isopropylbenzene          | 3.893 | 3.986  |            | 2.39  | 20    |
| 1,1,2,2-Tetrachloroethane | 1.364 | 1.366  | 0.3        | 0.15  | 20    |
| 1,3-Dichlorobenzene       | 1.649 | 1.650  |            | 0.06  | 20    |
| 1,4-Dichlorobenzene       | 1.684 | 1.672  |            | -0.71 | 20    |
| 1,2-Dichlorobenzene       | 1.655 | 1.688  |            | 1.99  | 20    |
| 1,2-Dichloroethane-d4     | 0.932 | 0.966  |            | 3.65  | 20    |
| Dibromofluoromethane      | 0.360 | 0.384  |            | 6.67  | 20    |
| Toluene-d8                | 1.246 | 1.307  |            | 4.9   | 20    |
| 4-Bromofluorobenzene      | 0.478 | 0.514  |            | 7.53  | 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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_X Calibration Date/Time: 05/23/2025 19:55

Lab File ID: VX046357.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Chloromethane                  | 0.742 | 0.828  | 0.1        | 11.59 | 50    |
| Vinyl Chloride                 | 0.691 | 0.742  |            | 7.38  | 50    |
| Bromomethane                   | 0.320 | 0.337  |            | 5.31  | 50    |
| Chloroethane                   | 0.369 | 0.428  |            | 15.99 | 50    |
| Trichlorofluoromethane         | 1.021 | 1.173  |            | 14.89 | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.632 | 0.715  |            | 13.13 | 50    |
| 1,1-Dichloroethene             | 0.593 | 0.657  |            | 10.79 | 50    |
| Acetone                        | 0.374 | 0.428  |            | 14.44 | 50    |
| Carbon Disulfide               | 1.406 | 1.429  |            | 1.64  | 50    |
| Methyl tert-butyl Ether        | 2.079 | 2.383  |            | 14.62 | 50    |
| Methylene Chloride             | 0.716 | 0.774  |            | 8.1   | 50    |
| trans-1,2-Dichloroethene       | 0.596 | 0.665  |            | 11.58 | 50    |
| 1,1-Dichloroethane             | 1.219 | 1.413  | 0.1        | 15.91 | 50    |
| 2-Butanone                     | 0.543 | 0.643  |            | 18.42 | 50    |
| Carbon Tetrachloride           | 0.544 | 0.614  |            | 12.87 | 50    |
| cis-1,2-Dichloroethene         | 0.718 | 0.826  |            | 15.04 | 50    |
| Chloroform                     | 1.271 | 1.489  |            | 17.15 | 50    |
| 1,1,1-Trichloroethane          | 1.101 | 1.253  |            | 13.81 | 50    |
| Methylcyclohexane              | 0.623 | 0.674  |            | 8.19  | 50    |
| Benzene                        | 1.417 | 1.650  |            | 16.44 | 50    |
| 1,2-Dichloroethane             | 0.612 | 0.717  |            | 17.16 | 50    |
| Trichloroethene                | 0.341 | 0.379  |            | 11.14 | 50    |
| 1,2-Dichloropropane            | 0.352 | 0.422  |            | 19.89 | 50    |
| Bromodichloromethane           | 0.547 | 0.652  |            | 19.2  | 50    |
| 4-Methyl-2-Pentanone           | 0.605 | 0.739  |            | 22.15 | 50    |
| Toluene                        | 0.869 | 1.003  |            | 15.42 | 50    |
| t-1,3-Dichloropropene          | 0.487 | 0.559  |            | 14.78 | 50    |
| cis-1,3-Dichloropropene        | 0.538 | 0.614  |            | 14.13 | 50    |
| 1,1,2-Trichloroethane          | 0.343 | 0.411  |            | 19.83 | 50    |
| 2-Hexanone                     | 0.448 | 0.551  |            | 22.99 | 50    |
| Dibromochloromethane           | 0.376 | 0.451  |            | 19.95 | 50    |
| Tetrachloroethene              | 0.354 | 0.391  |            | 10.45 | 50    |
| Chlorobenzene                  | 1.094 | 1.215  | 0.3        | 11.06 | 50    |
| Ethyl Benzene                  | 1.929 | 2.216  |            | 14.88 | 50    |
| m/p-Xylenes                    | 0.706 | 0.808  |            | 14.45 | 50    |
| o-Xylene                       | 0.688 | 0.787  |            | 14.39 | 50    |
| Styrene                        | 1.127 | 1.347  |            | 19.52 | 50    |
| Bromoform                      | 0.281 | 0.310  | 0.1        | 10.32 | 50    |

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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_X Calibration Date/Time: 05/23/2025 19:55

Lab File ID: VX046357.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

| COMPOUND                  | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|---------------------------|-------|--------|------------|-------|-------|
| Isopropylbenzene          | 3.893 | 4.443  |            | 14.13 | 50    |
| 1,1,2,2-Tetrachloroethane | 1.364 | 1.471  | 0.3        | 7.84  | 50    |
| 1,3-Dichlorobenzene       | 1.649 | 1.817  |            | 10.19 | 50    |
| 1,4-Dichlorobenzene       | 1.684 | 1.802  |            | 7.01  | 50    |
| 1,2-Dichlorobenzene       | 1.655 | 1.854  |            | 12.02 | 50    |
| 1,2-Dichloroethane-d4     | 0.932 | 0.992  |            | 6.44  | 50    |
| Dibromofluoromethane      | 0.360 | 0.392  |            | 8.89  | 50    |
| Toluene-d8                | 1.246 | 1.306  |            | 4.82  | 50    |
| 4-Bromofluorobenzene      | 0.478 | 0.512  |            | 7.11  | 50    |

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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/23/2025 14:34

Lab File ID: VY022407.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Chloromethane                  | 1.097 | 1.312  | 0.1        | 19.6  | 20    |
| Vinyl Chloride                 | 1.226 | 1.569  |            | 27.98 | 20    |
| Bromomethane                   | 0.998 | 1.869  |            | 87.28 | 20    |
| Chloroethane                   | 0.763 | 1.174  |            | 53.87 | 20    |
| Trichlorofluoromethane         | 1.241 | 1.446  |            | 16.52 | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.539 | 0.598  |            | 10.95 | 20    |
| 1,1-Dichloroethene             | 0.535 | 0.580  |            | 8.41  | 20    |
| Acetone                        | 0.102 | 0.112  |            | 9.8   | 20    |
| Carbon Disulfide               | 1.744 | 1.866  |            | 6.99  | 20    |
| Methyl tert-butyl Ether        | 1.475 | 1.534  |            | 4     | 20    |
| Methylene Chloride             | 0.662 | 0.610  |            | -7.86 | 20    |
| trans-1,2-Dichloroethene       | 0.590 | 0.629  |            | 6.61  | 20    |
| 1,1-Dichloroethane             | 1.106 | 1.138  | 0.1        | 2.89  | 20    |
| 2-Butanone                     | 0.171 | 0.165  |            | -3.51 | 20    |
| Carbon Tetrachloride           | 0.509 | 0.543  |            | 6.68  | 20    |
| cis-1,2-Dichloroethene         | 0.681 | 0.745  |            | 9.4   | 20    |
| Chloroform                     | 1.061 | 1.137  |            | 7.16  | 20    |
| 1,1,1-Trichloroethane          | 0.974 | 1.014  |            | 4.11  | 20    |
| Methylcyclohexane              | 0.660 | 0.714  |            | 8.18  | 20    |
| Benzene                        | 1.457 | 1.555  |            | 6.73  | 20    |
| 1,2-Dichloroethane             | 0.394 | 0.407  |            | 3.3   | 20    |
| Trichloroethene                | 0.362 | 0.386  |            | 6.63  | 20    |
| 1,2-Dichloropropane            | 0.351 | 0.363  |            | 3.42  | 20    |
| Bromodichloromethane           | 0.492 | 0.522  |            | 6.1   | 20    |
| 4-Methyl-2-Pentanone           | 0.253 | 0.241  |            | -4.74 | 20    |
| Toluene                        | 0.923 | 0.988  |            | 7.04  | 20    |
| t-1,3-Dichloropropene          | 0.480 | 0.487  |            | 1.46  | 20    |
| cis-1,3-Dichloropropene        | 0.550 | 0.574  |            | 4.36  | 20    |
| 1,1,2-Trichloroethane          | 0.243 | 0.261  |            | 7.41  | 20    |
| 2-Hexanone                     | 0.170 | 0.166  |            | -2.35 | 20    |
| Dibromochloromethane           | 0.315 | 0.339  |            | 7.62  | 20    |
| Tetrachloroethene              | 0.462 | 0.463  |            | 0.22  | 20    |
| Chlorobenzene                  | 1.128 | 1.192  | 0.3        | 5.67  | 20    |
| Ethyl Benzene                  | 2.113 | 2.220  |            | 5.06  | 20    |
| m/p-Xylenes                    | 0.796 | 0.846  |            | 6.28  | 20    |
| o-Xylene                       | 0.753 | 0.797  |            | 5.84  | 20    |
| Styrene                        | 1.270 | 1.334  |            | 5.04  | 20    |
| Bromoform                      | 0.209 | 0.212  | 0.1        | 1.43  | 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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/23/2025 14:34

Lab File ID: VY022407.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

| COMPOUND                  | RRF   | RRF050 | MIN<br>RRF | %D     | MAX%D |
|---------------------------|-------|--------|------------|--------|-------|
| Isopropylbenzene          | 4.142 | 4.256  |            | 2.75   | 20    |
| 1,1,2,2-Tetrachloroethane | 0.637 | 0.668  | 0.3        | 4.87   | 20    |
| 1,3-Dichlorobenzene       | 1.806 | 1.855  |            | 2.71   | 20    |
| 1,4-Dichlorobenzene       | 1.737 | 1.766  |            | 1.67   | 20    |
| 1,2-Dichlorobenzene       | 1.517 | 1.547  |            | 1.98   | 20    |
| 1,2-Dichloroethane-d4     | 0.546 | 0.475  |            | -13    | 20    |
| Dibromofluoromethane      | 0.298 | 0.280  |            | -6.04  | 20    |
| Toluene-d8                | 1.222 | 1.060  |            | -13.26 | 20    |
| 4-Bromofluorobenzene      | 0.387 | 0.334  |            | -13.69 | 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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/23/2025 21:05

Lab File ID: VY022419.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Chloromethane                  | 1.097 | 1.286  | 0.1        | 17.23 | 50    |
| Vinyl Chloride                 | 1.226 | 1.562  |            | 27.41 | 50    |
| Bromomethane                   | 0.998 | 1.467  |            | 46.99 | 50    |
| Chloroethane                   | 0.763 | 0.994  |            | 30.27 | 50    |
| Trichlorofluoromethane         | 1.241 | 1.273  |            | 2.58  | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.539 | 0.593  |            | 10.02 | 50    |
| 1,1-Dichloroethene             | 0.535 | 0.583  |            | 8.97  | 50    |
| Acetone                        | 0.102 | 0.097  |            | -4.9  | 50    |
| Carbon Disulfide               | 1.744 | 1.796  |            | 2.98  | 50    |
| Methyl tert-butyl Ether        | 1.475 | 1.640  |            | 11.19 | 50    |
| Methylene Chloride             | 0.662 | 0.667  |            | 0.75  | 50    |
| trans-1,2-Dichloroethene       | 0.590 | 0.651  |            | 10.34 | 50    |
| 1,1-Dichloroethane             | 1.106 | 1.209  | 0.1        | 9.31  | 50    |
| 2-Butanone                     | 0.171 | 0.169  |            | -1.17 | 50    |
| Carbon Tetrachloride           | 0.509 | 0.536  |            | 5.3   | 50    |
| cis-1,2-Dichloroethene         | 0.681 | 0.775  |            | 13.8  | 50    |
| Chloroform                     | 1.061 | 1.200  |            | 13.1  | 50    |
| 1,1,1-Trichloroethane          | 0.974 | 1.067  |            | 9.55  | 50    |
| Methylcyclohexane              | 0.660 | 0.680  |            | 3.03  | 50    |
| Benzene                        | 1.457 | 1.575  |            | 8.1   | 50    |
| 1,2-Dichloroethane             | 0.394 | 0.422  |            | 7.11  | 50    |
| Trichloroethene                | 0.362 | 0.384  |            | 6.08  | 50    |
| 1,2-Dichloropropane            | 0.351 | 0.373  |            | 6.27  | 50    |
| Bromodichloromethane           | 0.492 | 0.537  |            | 9.15  | 50    |
| 4-Methyl-2-Pentanone           | 0.253 | 0.255  |            | 0.79  | 50    |
| Toluene                        | 0.923 | 0.978  |            | 5.96  | 50    |
| t-1,3-Dichloropropene          | 0.480 | 0.486  |            | 1.25  | 50    |
| cis-1,3-Dichloropropene        | 0.550 | 0.568  |            | 3.27  | 50    |
| 1,1,2-Trichloroethane          | 0.243 | 0.266  |            | 9.47  | 50    |
| 2-Hexanone                     | 0.170 | 0.168  |            | -1.18 | 50    |
| Dibromochloromethane           | 0.315 | 0.347  |            | 10.16 | 50    |
| Tetrachloroethene              | 0.462 | 0.460  |            | -0.43 | 50    |
| Chlorobenzene                  | 1.128 | 1.209  | 0.3        | 7.18  | 50    |
| Ethyl Benzene                  | 2.113 | 2.203  |            | 4.26  | 50    |
| m/p-Xylenes                    | 0.796 | 0.827  |            | 3.89  | 50    |
| o-Xylene                       | 0.753 | 0.789  |            | 4.78  | 50    |
| Styrene                        | 1.270 | 1.344  |            | 5.83  | 50    |
| Bromoform                      | 0.209 | 0.220  | 0.1        | 5.26  | 50    |

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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/23/2025 21:05

Lab File ID: VY022419.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

| COMPOUND                  | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|---------------------------|-------|--------|------------|-------|-------|
| Isopropylbenzene          | 4.142 | 4.339  |            | 4.76  | 50    |
| 1,1,2,2-Tetrachloroethane | 0.637 | 0.705  | 0.3        | 10.68 | 50    |
| 1,3-Dichlorobenzene       | 1.806 | 1.889  |            | 4.6   | 50    |
| 1,4-Dichlorobenzene       | 1.737 | 1.817  |            | 4.61  | 50    |
| 1,2-Dichlorobenzene       | 1.517 | 1.609  |            | 6.07  | 50    |
| 1,2-Dichloroethane-d4     | 0.546 | 0.600  |            | 9.89  | 50    |
| Dibromofluoromethane      | 0.298 | 0.336  |            | 12.75 | 50    |
| Toluene-d8                | 1.222 | 1.318  |            | 7.86  | 50    |
| 4-Bromofluorobenzene      | 0.387 | 0.390  |            | 0.77  | 50    |

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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/27/2025 17:10

Lab File ID: VY022438.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

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

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Chloromethane                  | 1.173 | 1.106  | 0.1        | -5.71 | 50    |
| Vinyl Chloride                 | 1.425 | 1.527  |            | 7.16  | 50    |
| Bromomethane                   | 1.295 | 1.291  |            | -0.31 | 50    |
| Chloroethane                   | 0.932 | 1.055  |            | 13.2  | 50    |
| Trichlorofluoromethane         | 1.203 | 1.361  |            | 13.13 | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.528 | 0.526  |            | -0.38 | 50    |
| 1,1-Dichloroethene             | 0.524 | 0.531  |            | 1.34  | 50    |
| Acetone                        | 0.087 | 0.096  |            | 10.35 | 50    |
| Carbon Disulfide               | 1.672 | 1.662  |            | -0.6  | 50    |
| Methyl tert-butyl Ether        | 1.391 | 1.518  |            | 9.13  | 50    |
| Methylene Chloride             | 0.611 | 0.612  |            | 0.16  | 50    |
| trans-1,2-Dichloroethene       | 0.572 | 0.583  |            | 1.92  | 50    |
| 1,1-Dichloroethane             | 1.028 | 1.072  | 0.1        | 4.28  | 50    |
| 2-Butanone                     | 0.144 | 0.164  |            | 13.89 | 50    |
| Carbon Tetrachloride           | 0.484 | 0.491  |            | 1.45  | 50    |
| cis-1,2-Dichloroethene         | 0.662 | 0.689  |            | 4.08  | 50    |
| Chloroform                     | 1.013 | 1.082  |            | 6.81  | 50    |
| 1,1,1-Trichloroethane          | 0.919 | 0.931  |            | 1.31  | 50    |
| Methylcyclohexane              | 0.618 | 0.604  |            | -2.27 | 50    |
| Benzene                        | 1.383 | 1.435  |            | 3.76  | 50    |
| 1,2-Dichloroethane             | 0.365 | 0.389  |            | 6.57  | 50    |
| Trichloroethene                | 0.342 | 0.357  |            | 4.39  | 50    |
| 1,2-Dichloropropane            | 0.325 | 0.343  |            | 5.54  | 50    |
| Bromodichloromethane           | 0.467 | 0.494  |            | 5.78  | 50    |
| 4-Methyl-2-Pentanone           | 0.213 | 0.249  |            | 16.9  | 50    |
| Toluene                        | 0.864 | 0.906  |            | 4.86  | 50    |
| t-1,3-Dichloropropene          | 0.435 | 0.460  |            | 5.75  | 50    |
| cis-1,3-Dichloropropene        | 0.511 | 0.534  |            | 4.5   | 50    |
| 1,1,2-Trichloroethane          | 0.229 | 0.249  |            | 8.73  | 50    |
| 2-Hexanone                     | 0.140 | 0.165  |            | 17.86 | 50    |
| Dibromochloromethane           | 0.293 | 0.322  |            | 9.9   | 50    |
| Tetrachloroethene              | 0.426 | 0.439  |            | 3.05  | 50    |
| Chlorobenzene                  | 1.066 | 1.089  | 0.3        | 2.16  | 50    |
| Ethyl Benzene                  | 1.980 | 2.004  |            | 1.21  | 50    |
| m/p-Xylenes                    | 0.751 | 0.759  |            | 1.07  | 50    |
| o-Xylene                       | 0.705 | 0.725  |            | 2.84  | 50    |
| Styrene                        | 1.175 | 1.225  |            | 4.26  | 50    |
| Bromoform                      | 0.189 | 0.203  | 0.1        | 7.41  | 50    |

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: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2118 SAS No.: Q2118 SDG No.: Q2118

Instrument ID: MSVOA\_Y Calibration Date/Time: 05/27/2025 17:10

Lab File ID: VY022438.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

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

| COMPOUND                  | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|---------------------------|-------|--------|------------|-------|-------|
| Isopropylbenzene          | 3.935 | 3.842  |            | -2.36 | 50    |
| 1,1,2,2-Tetrachloroethane | 0.620 | 0.652  | 0.3        | 5.16  | 50    |
| 1,3-Dichlorobenzene       | 1.704 | 1.701  |            | -0.18 | 50    |
| 1,4-Dichlorobenzene       | 1.629 | 1.646  |            | 1.04  | 50    |
| 1,2-Dichlorobenzene       | 1.423 | 1.481  |            | 4.08  | 50    |
| 1,2-Dichloroethane-d4     | 0.527 | 0.559  |            | 6.07  | 50    |
| Dibromofluoromethane      | 0.293 | 0.304  |            | 3.75  | 50    |
| Toluene-d8                | 1.194 | 1.227  |            | 2.76  | 50    |
| 4-Bromofluorobenzene      | 0.361 | 0.367  |            | 1.66  | 50    |

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