

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q3248                | <b>OrderDate:</b> | 9/30/2025 11:27:00 AM         |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | D31,VOA Ref. #3 Water         |

| LabID           | ClientID                           | Matrix       | Test          | Method   | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|------------------------------------|--------------|---------------|----------|-----------------|-----------|-----------|-----------------|
| <b>Q3248-01</b> | <b>BP-VPB-184-TB-2025<br/>0930</b> | <b>Water</b> |               |          | <b>09/30/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-02</b> | <b>BP-VPB-184-GW-560-<br/>562</b>  | <b>Water</b> |               |          | <b>09/30/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-03</b> | <b>BP-VPB-184-GW-580-<br/>582</b>  | <b>Water</b> |               |          | <b>09/30/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-04</b> | <b>BP-VPB-184-GW-600-<br/>602</b>  | <b>Water</b> |               |          | <b>09/30/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-05</b> | <b>BP-VPB-184-GW-620-<br/>622</b>  | <b>Water</b> |               |          | <b>10/01/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-06</b> | <b>BP-VPB-184-GW-640-<br/>642</b>  | <b>Water</b> |               |          | <b>10/01/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-07</b> | <b>BP-VPB-184-GW-660-<br/>662</b>  | <b>Water</b> |               |          | <b>10/01/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |
| <b>Q3248-08</b> | <b>BP-VPB-184-GW-685-<br/>687</b>  | <b>Water</b> |               |          | <b>10/02/25</b> |           |           | <b>10/02/25</b> |
|                 |                                    |              | VOC-TCLVOA-10 | 8260-Low |                 |           | 10/03/25  |                 |

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

**SDG No.:** Q3248  
**Client:** Tetra Tech NUS, Inc.

| Sample ID                     | Client ID                                               | Matrix                      | Parameter | Concentration | C | MDL  | LOD  | RDL  | Units |
|-------------------------------|---------------------------------------------------------|-----------------------------|-----------|---------------|---|------|------|------|-------|
| <b>Client ID:</b><br>Q3248-01 | <b>BP-VPB-184-TB-20250930</b><br>BP-VPB-184-TB-20 Water | Acetone                     |           | 1.70          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 1.70          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 1.70          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-02 | <b>BP-VPB-184-GW-560-562</b><br>BP-VPB-184-GW-5 Water   | Acetone                     |           | 9.50          |   | 1.50 | 3.80 | 5.00 | ug/L  |
| Q3248-02                      | BP-VPB-184-GW-5 Water                                   | Methyl tert-butyl Ether     |           | 2.20          |   | 0.16 | 0.50 | 1.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 11.7          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 11.7          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-03 | <b>BP-VPB-184-GW-580-582</b><br>BP-VPB-184-GW-5 Water   | Acetone                     |           | 17.7          |   | 1.50 | 3.80 | 5.00 | ug/L  |
| Q3248-03                      | BP-VPB-184-GW-5 Water                                   | Methyl tert-butyl Ether     |           | 5.10          |   | 0.16 | 0.50 | 1.00 | ug/L  |
| Q3248-03                      | BP-VPB-184-GW-5 Water                                   | 2-Butanone                  |           | 4.10          | J | 0.98 | 2.50 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 26.9          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 26.9          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-04 | <b>BP-VPB-184-GW-600-602</b><br>BP-VPB-184-GW-6 Water   | Acetone                     |           | 7.00          |   | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 7.00          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 7.00          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-05 | <b>BP-VPB-184-GW-620-622</b><br>BP-VPB-184-GW-6 Water   | Acetone                     |           | 8.80          |   | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 8.80          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 8.80          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-06 | <b>BP-VPB-184-GW-640-642</b><br>BP-VPB-184-GW-6 Water   | Acetone                     |           | 10.6          |   | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 10.6          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 10.6          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-07 | <b>BP-VPB-184-GW-660-662</b><br>BP-VPB-184-GW-6 Water   | Acetone                     |           | 4.90          | J | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 4.90          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 4.90          |   |      |      |      |       |
| <b>Client ID:</b><br>Q3248-08 | <b>BP-VPB-184-GW-685-687</b><br>BP-VPB-184-GW-6 Water   | Acetone                     |           | 5.50          |   | 1.50 | 3.80 | 5.00 | ug/L  |
|                               |                                                         | <b>Total Voc :</b>          |           | 5.50          |   |      |      |      |       |
|                               |                                                         | <b>Total Concentration:</b> |           | 5.50          |   |      |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-TB-20250930        |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-01                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047996.D        | 1         | 10/03/25 15:55 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 1.70  | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                                       |                 |                          |
|--------------------|---------------------------------------|-----------------|--------------------------|
| Client:            | Tetra Tech NUS, Inc.                  | Date Collected: | 09/30/25                 |
| Project:           | NWIRP Bethpage 112G08005-WE13         | Date Received:  | 10/02/25                 |
| Client Sample ID:  | BP-VPB-184-TB-20250930                | SDG No.:        | Q3248                    |
| Lab Sample ID:     | Q3248-01                              | Matrix:         | Water                    |
| Analytical Method: | 8260D                                 | % Solid:        | 0                        |
| Sample Wt/Vol:     | 5                  Units:      mL     | Final Vol:      | 5000                  uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10            |
| GC Column:         | DB-624UI                  ID :   0.18 | Level :         | LOW                      |
| Prep Method :      |                                       |                 |                          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047996.D        | 1         | 10/03/25 15:55 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 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    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 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    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.1   |           | 81 - 118 |      | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.7   |           | 80 - 119 |      | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.2   |           | 89 - 112 |      | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.3   |           | 85 - 114 |      | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 130000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 265000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 276000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 139000 | 12.006    |          |      |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-TB-20250930        |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-01                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047996.D        | 1         | 10/03/25 15:55 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-560-562         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-02                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047997.D        | 1         | 10/03/25 16:15 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 9.50  |           | 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        | 2.20  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-560-562         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-02                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047997.D        | 1         | 10/03/25 16:15 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 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    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 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    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.1   |           | 81 - 118 |      | 104%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.6   |           | 80 - 119 |      | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.2   |           | 89 - 112 |      | 96%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.7   |           | 85 - 114 |      | 109%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 131000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 268000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 274000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 141000 | 12.006    |          |      |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS



## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-560-562         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-02                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047997.D        | 1         | 10/03/25 16:15 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-580-582         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-03                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047998.D        | 1         | 10/03/25 16:36 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 17.7  |           | 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        | 5.10  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 4.10  | J         | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                                         |                 |                            |
|--------------------|-----------------------------------------|-----------------|----------------------------|
| Client:            | Tetra Tech NUS, Inc.                    | Date Collected: | 09/30/25                   |
| Project:           | NWIRP Bethpage 112G08005-WE13           | Date Received:  | 10/02/25                   |
| Client Sample ID:  | BP-VPB-184-GW-580-582                   | SDG No.:        | Q3248                      |
| Lab Sample ID:     | Q3248-03                                | Matrix:         | Water                      |
| Analytical Method: | 8260D                                   | % Solid:        | 0                          |
| Sample Wt/Vol:     | 5                    Units:      mL     | Final Vol:      | 5000                    uL |
| Soil Aliquot Vol:  | uL                                      | Test:           | VOC-TCLVOA-10              |
| GC Column:         | DB-624UI                    ID :   0.18 | Level :         | LOW                        |
| Prep Method :      |                                         |                 |                            |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047998.D        | 1         | 10/03/25 16:36 | VX100325      |

[illegible]

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-580-582         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-03                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047998.D        | 1         | 10/03/25 16:36 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-600-602         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-04                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047999.D        | 1         | 10/03/25 16:57 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 7.00  |           | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                                   |                 |                          |
|--------------------|-----------------------------------|-----------------|--------------------------|
| Client:            | Tetra Tech NUS, Inc.              | Date Collected: | 09/30/25                 |
| Project:           | NWIRP Bethpage 112G08005-WE13     | Date Received:  | 10/02/25                 |
| Client Sample ID:  | BP-VPB-184-GW-600-602             | SDG No.:        | Q3248                    |
| Lab Sample ID:     | Q3248-04                          | Matrix:         | Water                    |
| Analytical Method: | 8260D                             | % Solid:        | 0                        |
| Sample Wt/Vol:     | 5                  Units:      mL | Final Vol:      | 5000                  uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10            |
| GC Column:         | DB-624UI          ID :   0.18     | Level :         | LOW                      |
| Prep Method :      |                                   |                 |                          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047999.D        | 1         | 10/03/25 16:57 | VX100325      |

[illegible]

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/30/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-600-602         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-04                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047999.D        | 1         | 10/03/25 16:57 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 10/01/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-620-622         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-05                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048000.D        | 1         | 10/03/25 17:18 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 8.80  |           | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |



## Report of Analysis

|                    |                                       |                 |                          |
|--------------------|---------------------------------------|-----------------|--------------------------|
| Client:            | Tetra Tech NUS, Inc.                  | Date Collected: | 10/01/25                 |
| Project:           | NWIRP Bethpage 112G08005-WE13         | Date Received:  | 10/02/25                 |
| Client Sample ID:  | BP-VPB-184-GW-620-622                 | SDG No.:        | Q3248                    |
| Lab Sample ID:     | Q3248-05                              | Matrix:         | Water                    |
| Analytical Method: | 8260D                                 | % Solid:        | 0                        |
| Sample Wt/Vol:     | 5                  Units:      mL     | Final Vol:      | 5000                  uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10            |
| GC Column:         | DB-624UI                  ID :   0.18 | Level :         | LOW                      |
| Prep Method :      |                                       |                 |                          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048000.D        | 1         | 10/03/25 17:18 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 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    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 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    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 51.4   |           | 81 - 118 |      | 103%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.0   |           | 80 - 119 |      | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.4   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.2   |           | 85 - 114 |      | 108%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 114000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 234000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 240000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 120000 | 12.006    |          |      |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-620-622         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-05                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048000.D        | 1         | 10/03/25 17:18 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 10/01/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-640-642         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-06                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048001.D        | 1         | 10/03/25 17:38 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 10.6  |           | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                               |        |      |                 |               |
|--------------------|-------------------------------|--------|------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |        |      | Date Collected: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |        |      | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-640-642         |        |      | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-06                      |        |      | Matrix:         | Water         |
| Analytical Method: | 8260D                         |        |      | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: | mL   | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               |        | uL   | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID :   | 0.18 | Level :         | LOW           |
| Prep Method :      |                               |        |      |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048001.D        | 1         | 10/03/25 17:38 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 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    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 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    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 50.1   |           | 81 - 118 |      | 100%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 49.7   |           | 80 - 119 |      | 99%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 48.3   |           | 89 - 112 |      | 97%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.6   |           | 85 - 114 |      | 107%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 115000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 230000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 237000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 118000 | 12.006    |          |      |            |         |

### TENTATIVE IDENTIFIED COMPOUNDS

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-640-642         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-06                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048001.D        | 1         | 10/03/25 17:38 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-660-662         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-07                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048002.D        | 1         | 10/03/25 17:59 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 4.90  | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                               |        |      |                 |               |
|--------------------|-------------------------------|--------|------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |        |      | Date Collected: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |        |      | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-660-662         |        |      | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-07                      |        |      | Matrix:         | Water         |
| Analytical Method: | 8260D                         |        |      | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: | mL   | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               |        | uL   | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID :   | 0.18 | Level :         | LOW           |
| Prep Method :      |                               |        |      |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048002.D        | 1         | 10/03/25 17:59 | VX100325      |

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## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/01/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-660-662         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-07                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048002.D        | 1         | 10/03/25 17:59 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687         |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-08                      |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048004.D        | 1         | 10/03/25 18:41 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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                        | 5.50  |           | 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                               |        |      |                 |               |
|--------------------|-------------------------------|--------|------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |        |      | Date Collected: | 10/02/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |        |      | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-685-687         |        |      | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-08                      |        |      | Matrix:         | Water         |
| Analytical Method: | 8260D                         |        |      | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: | mL   | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               |        | uL   | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID :   | 0.18 | Level :         | LOW           |
| Prep Method :      |                               |        |      |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048004.D        | 1         | 10/03/25 18:41 | VX100325      |

[illegible]

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/02/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-685-687         |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-08                      |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048004.D        | 1         | 10/03/25 18:41 | VX100325      |

| CAS Number | Parameter             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------------------|-------|-----------|-----|-----|------------|-------|
| 75-43-4    | Dichlorofluoromethane | N.D   |           |     |     |            |       |

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.: **Q3248**

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

Analytical Method: **SW8260-Low**

| Lab Sample ID | Client ID                | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                          |                       |       |        |              |      | Low        | High |
| Q3248-01      | BP-VPB-184-TB-20250930   | 1,2-Dichloroethane-d4 | 50    | 52.1   | 104          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 49.7   | 99           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.2   | 96           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 54.3   | 109          |      | 85         | 114  |
| Q3248-02      | BP-VPB-184-GW-560-562    | 1,2-Dichloroethane-d4 | 50    | 52.1   | 104          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 48.6   | 97           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.2   | 96           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 54.7   | 109          |      | 85         | 114  |
| Q3248-03      | BP-VPB-184-GW-580-582    | 1,2-Dichloroethane-d4 | 50    | 53.3   | 107          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 50.2   | 100          |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 49.1   | 98           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 56.2   | 112          |      | 85         | 114  |
| Q3248-04      | BP-VPB-184-GW-600-602    | 1,2-Dichloroethane-d4 | 50    | 53.0   | 106          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 49.2   | 98           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.7   | 97           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 53.8   | 108          |      | 85         | 114  |
| Q3248-05      | BP-VPB-184-GW-620-622    | 1,2-Dichloroethane-d4 | 50    | 51.4   | 103          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 49.0   | 98           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.4   | 97           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 54.2   | 108          |      | 85         | 114  |
| Q3248-06      | BP-VPB-184-GW-640-642    | 1,2-Dichloroethane-d4 | 50    | 50.1   | 100          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 49.7   | 99           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.4   | 97           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 53.6   | 107          |      | 85         | 114  |
| Q3248-07      | BP-VPB-184-GW-660-662    | 1,2-Dichloroethane-d4 | 50    | 50.5   | 101          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 49.2   | 98           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 48.5   | 97           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 54.0   | 108          |      | 85         | 114  |
| Q3248-08      | BP-VPB-184-GW-685-687    | 1,2-Dichloroethane-d4 | 50    | 49.1   | 98           |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 47.9   | 96           |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 47.3   | 95           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 52.3   | 105          |      | 85         | 114  |
| Q3248-09MS    | BP-VPB-184-GW-685-687MS  | 1,2-Dichloroethane-d4 | 50    | 57.1   | 114          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 54.6   | 109          |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 52.9   | 106          |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 56.5   | 113          |      | 85         | 114  |
| Q3248-10MSD   | BP-VPB-184-GW-685-687MSD | 1,2-Dichloroethane-d4 | 50    | 53.5   | 107          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 54.1   | 108          |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 53.2   | 106          |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 52.8   | 106          |      | 85         | 114  |
| VX1003WBL01   | VX1003WBL01              | 1,2-Dichloroethane-d4 | 50    | 56.6   | 113          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 51.0   | 102          |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 49.4   | 99           |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 57.0   | 114          |      | 85         | 114  |
| VX1003WBS02   | VX1003WBS02              | 1,2-Dichloroethane-d4 | 50    | 53.6   | 107          |      | 81         | 118  |
|               |                          | Dibromofluoromethane  | 50    | 55.1   | 110          |      | 80         | 119  |
|               |                          | Toluene-d8            | 50    | 53.6   | 107          |      | 89         | 112  |
|               |                          | 4-Bromofluorobenzene  | 50    | 54.0   | 108          |      | 85         | 114  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3248

Analytical Method:

SW8260-Low

Client: Tetra Tech NUS, Inc.

Datafile :

VX048005.D

|                                |            | Sample             |                         |       | Rec | RPD  |     | Limits |     |      |     |
|--------------------------------|------------|--------------------|-------------------------|-------|-----|------|-----|--------|-----|------|-----|
| Parameter                      | Spike      | Result             | Result                  | Units | Rec | Qual | RPD | Qual   | Low | High | RPD |
| Lab Sample ID :                | Q3248-09MS | Client Sample ID : | BP-VPB-184-GW-685-687MS |       |     |      |     |        |     |      |     |
| Dichlorodifluoromethane        | 50         | 0                  | 43.9                    | ug/L  | 88  |      |     |        | 32  | 152  |     |
| Chloromethane                  | 50         | 0                  | 41.6                    | ug/L  | 83  |      |     |        | 50  | 139  |     |
| Vinyl chloride                 | 50         | 0                  | 44.2                    | ug/L  | 88  |      |     |        | 58  | 137  |     |
| Bromomethane                   | 50         | 0                  | 44.6                    | ug/L  | 89  |      |     |        | 53  | 141  |     |
| Chloroethane                   | 50         | 0                  | 43.5                    | ug/L  | 87  |      |     |        | 60  | 138  |     |
| Trichlorofluoromethane         | 50         | 0                  | 45.3                    | ug/L  | 91  |      |     |        | 65  | 141  |     |
| 1,1,2-Trichlorotrifluoroethane | 50         | 0                  | 44.7                    | ug/L  | 89  |      |     |        | 70  | 136  |     |
| 1,1-Dichloroethene             | 50         | 0                  | 44.5                    | ug/L  | 89  |      |     |        | 71  | 131  |     |
| Acetone                        | 250        | 5.50               | 200                     | ug/L  | 78  |      |     |        | 39  | 160  |     |
| Carbon disulfide               | 50         | 0                  | 39.0                    | ug/L  | 78  |      |     |        | 64  | 133  |     |
| Methyl tert-butyl Ether        | 50         | 0                  | 46.1                    | ug/L  | 92  |      |     |        | 71  | 124  |     |
| Methyl Acetate                 | 50         | 0                  | 50.7                    | ug/L  | 101 |      |     |        | 56  | 136  |     |
| Methylene Chloride             | 50         | 0                  | 45.6                    | ug/L  | 91  |      |     |        | 74  | 124  |     |
| trans-1,2-Dichloroethene       | 50         | 0                  | 45.2                    | ug/L  | 90  |      |     |        | 75  | 124  |     |
| 1,1-Dichloroethane             | 50         | 0                  | 46.6                    | ug/L  | 93  |      |     |        | 77  | 125  |     |
| Cyclohexane                    | 50         | 0                  | 39.7                    | ug/L  | 79  |      |     |        | 71  | 130  |     |
| 2-Butanone                     | 250        | 0                  | 240                     | ug/L  | 96  |      |     |        | 56  | 143  |     |
| Carbon Tetrachloride           | 50         | 0                  | 42.2                    | ug/L  | 84  |      |     |        | 72  | 136  |     |
| cis-1,2-Dichloroethene         | 50         | 0                  | 46.6                    | ug/L  | 93  |      |     |        | 78  | 123  |     |
| Bromochloromethane             | 50         | 0                  | 51.5                    | ug/L  | 103 |      |     |        | 78  | 123  |     |
| Chloroform                     | 50         | 0                  | 48.2                    | ug/L  | 96  |      |     |        | 79  | 124  |     |
| 1,1,1-Trichloroethane          | 50         | 0                  | 46.2                    | ug/L  | 92  |      |     |        | 74  | 131  |     |
| Methylcyclohexane              | 50         | 0                  | 37.6                    | ug/L  | 75  |      |     |        | 72  | 132  |     |
| Benzene                        | 50         | 0                  | 43.5                    | ug/L  | 87  |      |     |        | 79  | 120  |     |
| 1,2-Dichloroethane             | 50         | 0                  | 44.2                    | ug/L  | 88  |      |     |        | 73  | 128  |     |
| Trichloroethene                | 50         | 0                  | 42.9                    | ug/L  | 86  |      |     |        | 79  | 123  |     |
| 1,2-Dichloropropane            | 50         | 0                  | 45.6                    | ug/L  | 91  |      |     |        | 78  | 122  |     |
| Bromodichloromethane           | 50         | 0                  | 45.7                    | ug/L  | 91  |      |     |        | 79  | 125  |     |
| 4-Methyl-2-Pentanone           | 250        | 0                  | 250                     | ug/L  | 100 |      |     |        | 67  | 130  |     |
| Toluene                        | 50         | 0                  | 43.6                    | ug/L  | 87  |      |     |        | 80  | 121  |     |
| t-1,3-Dichloropropene          | 50         | 0                  | 42.8                    | ug/L  | 86  |      |     |        | 73  | 127  |     |
| cis-1,3-Dichloropropene        | 50         | 0                  | 42.4                    | ug/L  | 85  |      |     |        | 75  | 124  |     |
| 1,1,2-Trichloroethane          | 50         | 0                  | 47.4                    | ug/L  | 95  |      |     |        | 80  | 119  |     |
| 2-Hexanone                     | 250        | 0                  | 240                     | ug/L  | 96  |      |     |        | 57  | 139  |     |
| Dibromochloromethane           | 50         | 0                  | 48.1                    | ug/L  | 96  |      |     |        | 74  | 126  |     |
| 1,2-Dibromoethane              | 50         | 0                  | 46.6                    | ug/L  | 93  |      |     |        | 77  | 121  |     |
| Tetrachloroethene              | 50         | 0                  | 37.7                    | ug/L  | 75  |      |     |        | 74  | 129  |     |
| Chlorobenzene                  | 50         | 0                  | 41.0                    | ug/L  | 82  |      |     |        | 82  | 118  |     |
| Ethyl Benzene                  | 50         | 0                  | 40.0                    | ug/L  | 80  |      |     |        | 79  | 121  |     |
| m/p-Xylenes                    | 100        | 0                  | 80.9                    | ug/L  | 81  |      |     |        | 80  | 121  |     |
| o-Xylene                       | 50         | 0                  | 40.9                    | ug/L  | 82  |      |     |        | 78  | 122  |     |
| Styrene                        | 50         | 0                  | 40.0                    | ug/L  | 80  |      |     |        | 78  | 123  |     |
| Bromoform                      | 50         | 0                  | 43.6                    | ug/L  | 87  |      |     |        | 66  | 130  |     |
| Isopropylbenzene               | 50         | 0                  | 36.8                    | ug/L  | 74  |      |     |        | 72  | 131  |     |
| 1,1,2,2-Tetrachloroethane      | 50         | 0                  | 41.7                    | ug/L  | 83  |      |     |        | 71  | 121  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3248

Analytical Method: SW8260-Low

Client: Tetra Tech NUS, Inc.

Datafile : VX048005.D

| Parameter                   | Spike | Sample | Result | Units | Rec |      |     | RPD  | Limits |      |     |
|-----------------------------|-------|--------|--------|-------|-----|------|-----|------|--------|------|-----|
|                             |       | Result |        |       | Rec | Qual | RPD | Qual | Low    | High | RPD |
| 1,3-Dichlorobenzene         | 50    | 0      | 36.6   | ug/L  | 73  | *    |     |      | 80     | 119  |     |
| 1,4-Dichlorobenzene         | 50    | 0      | 36.4   | ug/L  | 73  | *    |     |      | 79     | 118  |     |
| 1,2-Dichlorobenzene         | 50    | 0      | 37.6   | ug/L  | 75  | *    |     |      | 80     | 119  |     |
| 1,2-Dibromo-3-Chloropropane | 50    | 0      | 39.0   | ug/L  | 78  |      |     |      | 62     | 128  |     |
| 1,2,4-Trichlorobenzene      | 50    | 0      | 34.2   | ug/L  | 68  | *    |     |      | 69     | 130  |     |
| 1,2,3-Trichlorobenzene      | 50    | 0      | 36.2   | ug/L  | 72  |      |     |      | 69     | 129  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3248

Analytical Method:

SW8260-Low

Client: Tetra Tech NUS, Inc.

Datafile :

VX048006.D

| Parameter                      | Spike       | Sample             | Result                   | Units | Rec  |     | RPD  |     | Limits |     | RPD |
|--------------------------------|-------------|--------------------|--------------------------|-------|------|-----|------|-----|--------|-----|-----|
|                                |             | Result             |                          |       | Qual | RPD | Qual | Low | High   |     |     |
| Lab Sample ID :                | Q3248-10MSD | Client Sample ID : | BP-VPB-184-GW-685-687MSD |       |      |     |      |     |        |     |     |
| Dichlorodifluoromethane        | 50          | 0                  | 49.1                     | ug/L  | 98   |     | 11   |     | 32     | 152 | 20  |
| Chloromethane                  | 50          | 0                  | 48.9                     | ug/L  | 98   |     | 16   |     | 50     | 139 | 20  |
| Vinyl chloride                 | 50          | 0                  | 50.6                     | ug/L  | 101  |     | 14   |     | 58     | 137 | 20  |
| Bromomethane                   | 50          | 0                  | 52.4                     | ug/L  | 105  |     | 16   |     | 53     | 141 | 20  |
| Chloroethane                   | 50          | 0                  | 51.5                     | ug/L  | 103  |     | 17   |     | 60     | 138 | 20  |
| Trichlorofluoromethane         | 50          | 0                  | 52.0                     | ug/L  | 104  |     | 14   |     | 65     | 141 | 20  |
| 1,1,2-Trichlorotrifluoroethane | 50          | 0                  | 50.3                     | ug/L  | 101  |     | 12   |     | 70     | 136 | 20  |
| 1,1-Dichloroethene             | 50          | 0                  | 52.2                     | ug/L  | 104  |     | 16   |     | 71     | 131 | 20  |
| Acetone                        | 250         | 5.50               | 230                      | ug/L  | 90   |     | 14   |     | 39     | 160 | 20  |
| Carbon disulfide               | 50          | 0                  | 45.6                     | ug/L  | 91   |     | 16   |     | 64     | 133 | 20  |
| Methyl tert-butyl Ether        | 50          | 0                  | 55.0                     | ug/L  | 110  |     | 18   |     | 71     | 124 | 20  |
| Methyl Acetate                 | 50          | 0                  | 60.0                     | ug/L  | 120  |     | 17   |     | 56     | 136 | 20  |
| Methylene Chloride             | 50          | 0                  | 53.0                     | ug/L  | 106  |     | 15   |     | 74     | 124 | 20  |
| trans-1,2-Dichloroethene       | 50          | 0                  | 52.4                     | ug/L  | 105  |     | 15   |     | 75     | 124 | 20  |
| 1,1-Dichloroethane             | 50          | 0                  | 55.3                     | ug/L  | 111  |     | 17   |     | 77     | 125 | 20  |
| Cyclohexane                    | 50          | 0                  | 46.0                     | ug/L  | 92   |     | 15   |     | 71     | 130 | 20  |
| 2-Butanone                     | 250         | 0                  | 280                      | ug/L  | 112  |     | 15   |     | 56     | 143 | 20  |
| Carbon Tetrachloride           | 50          | 0                  | 51.6                     | ug/L  | 103  |     | 20   |     | 72     | 136 | 20  |
| cis-1,2-Dichloroethene         | 50          | 0                  | 54.5                     | ug/L  | 109  |     | 16   |     | 78     | 123 | 20  |
| Bromochloromethane             | 50          | 0                  | 54.0                     | ug/L  | 108  |     | 5    |     | 78     | 123 | 20  |
| Chloroform                     | 50          | 0                  | 56.7                     | ug/L  | 113  |     | 16   |     | 79     | 124 | 20  |
| 1,1,1-Trichloroethane          | 50          | 0                  | 55.1                     | ug/L  | 110  |     | 18   |     | 74     | 131 | 20  |
| Methylcyclohexane              | 50          | 0                  | 43.8                     | ug/L  | 88   |     | 15   |     | 72     | 132 | 20  |
| Benzene                        | 50          | 0                  | 53.3                     | ug/L  | 107  |     | 20   |     | 79     | 120 | 20  |
| 1,2-Dichloroethane             | 50          | 0                  | 53.7                     | ug/L  | 107  |     | 19   |     | 73     | 128 | 20  |
| Trichloroethene                | 50          | 0                  | 52.4                     | ug/L  | 105  |     | 20   |     | 79     | 123 | 20  |
| 1,2-Dichloropropane            | 50          | 0                  | 55.8                     | ug/L  | 112  |     | 20   |     | 78     | 122 | 20  |
| Bromodichloromethane           | 50          | 0                  | 56.2                     | ug/L  | 112  |     | 21   | *   | 79     | 125 | 20  |
| 4-Methyl-2-Pentanone           | 250         | 0                  | 300                      | ug/L  | 120  |     | 18   |     | 67     | 130 | 20  |
| Toluene                        | 50          | 0                  | 53.7                     | ug/L  | 107  |     | 21   | *   | 80     | 121 | 20  |
| t-1,3-Dichloropropene          | 50          | 0                  | 53.4                     | ug/L  | 107  |     | 22   | *   | 73     | 127 | 20  |
| cis-1,3-Dichloropropene        | 50          | 0                  | 52.3                     | ug/L  | 105  |     | 21   | *   | 75     | 124 | 20  |
| 1,1,2-Trichloroethane          | 50          | 0                  | 57.7                     | ug/L  | 115  |     | 20   |     | 80     | 119 | 20  |
| 2-Hexanone                     | 250         | 0                  | 290                      | ug/L  | 116  |     | 19   |     | 57     | 139 | 20  |
| Dibromochloromethane           | 50          | 0                  | 58.8                     | ug/L  | 118  |     | 20   |     | 74     | 126 | 20  |
| 1,2-Dibromoethane              | 50          | 0                  | 58.7                     | ug/L  | 117  |     | 23   | *   | 77     | 121 | 20  |
| Tetrachloroethene              | 50          | 0                  | 48.1                     | ug/L  | 96   |     | 24   | *   | 74     | 129 | 20  |
| Chlorobenzene                  | 50          | 0                  | 53.5                     | ug/L  | 107  |     | 26   | *   | 82     | 118 | 20  |
| Ethyl Benzene                  | 50          | 0                  | 52.2                     | ug/L  | 104  |     | 26   | *   | 79     | 121 | 20  |
| m/p-Xylenes                    | 100         | 0                  | 110                      | ug/L  | 110  |     | 30   | *   | 80     | 121 | 20  |
| o-Xylene                       | 50          | 0                  | 53.4                     | ug/L  | 107  |     | 27   | *   | 78     | 122 | 20  |
| Styrene                        | 50          | 0                  | 52.4                     | ug/L  | 105  |     | 27   | *   | 78     | 123 | 20  |
| Bromoform                      | 50          | 0                  | 57.8                     | ug/L  | 116  |     | 28   | *   | 66     | 130 | 20  |
| Isopropylbenzene               | 50          | 0                  | 50.0                     | ug/L  | 100  |     | 30   | *   | 72     | 131 | 20  |
| 1,1,2,2-Tetrachloroethane      | 50          | 0                  | 56.0                     | ug/L  | 112  |     | 29   | *   | 71     | 121 | 20  |



### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3248

Analytical Method: SW8260-Low

Client: Tetra Tech NUS, Inc.

Datafile : VX048006.D

| Parameter                   | Spike | Sample | Result | Units | Rec  |     | RPD  | Limits |      |     |    |
|-----------------------------|-------|--------|--------|-------|------|-----|------|--------|------|-----|----|
|                             |       | Result |        |       | Qual | RPD | Qual | Low    | High | RPD |    |
| 1,3-Dichlorobenzene         | 50    | 0      | 50.3   | ug/L  | 101  |     | 32   | *      | 80   | 119 | 20 |
| 1,4-Dichlorobenzene         | 50    | 0      | 49.3   | ug/L  | 99   |     | 30   | *      | 79   | 118 | 20 |
| 1,2-Dichlorobenzene         | 50    | 0      | 51.6   | ug/L  | 103  |     | 31   | *      | 80   | 119 | 20 |
| 1,2-Dibromo-3-Chloropropane | 50    | 0      | 53.3   | ug/L  | 107  |     | 31   | *      | 62   | 128 | 20 |
| 1,2,4-Trichlorobenzene      | 50    | 0      | 46.8   | ug/L  | 94   |     | 31   | *      | 69   | 130 | 20 |
| 1,2,3-Trichlorobenzene      | 50    | 0      | 50.2   | ug/L  | 100  |     | 32   | *      | 69   | 129 | 20 |

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                             |                    |                   |
|----------|-----------------------------|--------------------|-------------------|
| SDG No.: | <u>Q3248</u>                | Analytical Method: | <u>SW8260-Low</u> |
| Client:  | <u>Tetra Tech NUS, Inc.</u> | Datafile :         | <u>VX047986.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VX1003WBS02   | Dichlorodifluoromethane        | 20    | 18.7   | ug/L | 94  |     |      | 32  | 152         |     |
|               | Chloromethane                  | 20    | 17.0   | ug/L | 85  |     |      | 50  | 139         |     |
|               | Vinyl chloride                 | 20    | 18.1   | ug/L | 91  |     |      | 58  | 137         |     |
|               | Bromomethane                   | 20    | 20.3   | ug/L | 102 |     |      | 53  | 141         |     |
|               | Chloroethane                   | 20    | 18.2   | ug/L | 91  |     |      | 60  | 138         |     |
|               | Trichlorofluoromethane         | 20    | 18.9   | ug/L | 95  |     |      | 65  | 141         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.7   | ug/L | 99  |     |      | 70  | 136         |     |
|               | 1,1-Dichloroethene             | 20    | 18.2   | ug/L | 91  |     |      | 71  | 131         |     |
|               | Acetone                        | 100   | 75.3   | ug/L | 75  |     |      | 39  | 160         |     |
|               | Carbon disulfide               | 20    | 16.4   | ug/L | 82  |     |      | 64  | 133         |     |
|               | Methyl tert-butyl Ether        | 20    | 19.1   | ug/L | 96  |     |      | 71  | 124         |     |
|               | Methyl Acetate                 | 20    | 19.9   | ug/L | 100 |     |      | 56  | 136         |     |
|               | Methylene Chloride             | 20    | 19.6   | ug/L | 98  |     |      | 74  | 124         |     |
|               | trans-1,2-Dichloroethene       | 20    | 18.5   | ug/L | 93  |     |      | 75  | 124         |     |
|               | 1,1-Dichloroethane             | 20    | 19.7   | ug/L | 99  |     |      | 77  | 125         |     |
|               | Cyclohexane                    | 20    | 17.0   | ug/L | 85  |     |      | 71  | 130         |     |
|               | 2-Butanone                     | 100   | 85.5   | ug/L | 86  |     |      | 56  | 143         |     |
|               | Carbon Tetrachloride           | 20    | 19.0   | ug/L | 95  |     |      | 72  | 136         |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.3   | ug/L | 97  |     |      | 78  | 123         |     |
|               | Bromochloromethane             | 20    | 20.3   | ug/L | 102 |     |      | 78  | 123         |     |
|               | Chloroform                     | 20    | 20.4   | ug/L | 102 |     |      | 79  | 124         |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.8   | ug/L | 99  |     |      | 74  | 131         |     |
|               | Methylcyclohexane              | 20    | 17.7   | ug/L | 89  |     |      | 72  | 132         |     |
|               | Benzene                        | 20    | 19.6   | ug/L | 98  |     |      | 79  | 120         |     |
|               | 1,2-Dichloroethane             | 20    | 20.3   | ug/L | 102 |     |      | 73  | 128         |     |
|               | Trichloroethene                | 20    | 19.2   | ug/L | 96  |     |      | 79  | 123         |     |
|               | 1,2-Dichloropropane            | 20    | 20.4   | ug/L | 102 |     |      | 78  | 122         |     |
|               | Bromodichloromethane           | 20    | 20.9   | ug/L | 104 |     |      | 79  | 125         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 96.3   | ug/L | 96  |     |      | 67  | 130         |     |
|               | Toluene                        | 20    | 19.4   | ug/L | 97  |     |      | 80  | 121         |     |
|               | t-1,3-Dichloropropene          | 20    | 19.3   | ug/L | 97  |     |      | 73  | 127         |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.6   | ug/L | 98  |     |      | 75  | 124         |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.9   | ug/L | 104 |     |      | 80  | 119         |     |
|               | 2-Hexanone                     | 100   | 88.5   | ug/L | 89  |     |      | 57  | 139         |     |
|               | Dibromochloromethane           | 20    | 21.2   | ug/L | 106 |     |      | 74  | 126         |     |
|               | 1,2-Dibromoethane              | 20    | 20.7   | ug/L | 104 |     |      | 77  | 121         |     |
|               | Tetrachloroethene              | 20    | 18.7   | ug/L | 94  |     |      | 74  | 129         |     |
|               | Chlorobenzene                  | 20    | 19.4   | ug/L | 97  |     |      | 82  | 118         |     |
|               | Ethyl Benzene                  | 20    | 18.7   | ug/L | 94  |     |      | 79  | 121         |     |
|               | m/p-Xylenes                    | 40    | 37.8   | ug/L | 95  |     |      | 80  | 121         |     |
|               | o-Xylene                       | 20    | 19.1   | ug/L | 96  |     |      | 78  | 122         |     |
|               | Styrene                        | 20    | 19.0   | ug/L | 95  |     |      | 78  | 123         |     |
|               | Bromoform                      | 20    | 19.9   | ug/L | 100 |     |      | 66  | 130         |     |
|               | Isopropylbenzene               | 20    | 18.3   | ug/L | 92  |     |      | 72  | 131         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.7   | ug/L | 99  |     |      | 71  | 121         |     |
|               | 1,3-Dichlorobenzene            | 20    | 18.9   | ug/L | 95  |     |      | 80  | 119         |     |
|               | 1,4-Dichlorobenzene            | 20    | 18.8   | ug/L | 94  |     |      | 79  | 118         |     |
|               | 1,2-Dichlorobenzene            | 20    | 18.9   | ug/L | 95  |     |      | 80  | 119         |     |

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

**SW-846**

|                 |                                    |                           |                          |
|-----------------|------------------------------------|---------------------------|--------------------------|
| <b>SDG No.:</b> | <u><b>Q3248</b></u>                | <b>Analytical Method:</b> | <u><b>SW8260-Low</b></u> |
| <b>Client:</b>  | <u><b>Tetra Tech NUS, Inc.</b></u> | <b>Datafile :</b>         | <u><b>VX047986.D</b></u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VX1003WBS02   | 1,2-Dibromo-3-Chloropropane | 20    | 16.4   | ug/L | 82  |     |      | 62  | 128            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 17.5   | ug/L | 88  |     |      | 69  | 130            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 17.7   | ug/L | 89  |     |      | 69  | 129            |     |

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1003WBL01

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3248

Lab File ID: VX047983.D

Lab Sample ID: VX1003WBL01

Date Analyzed: 10/03/2025

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 |
|--------------------------|------------------|----------------|------------------|
| VX1003WBS02              | VX1003WBS02      | VX047986.D     | 10/03/2025       |
| BP-VPB-184-TB-20250930   | Q3248-01         | VX047996.D     | 10/03/2025       |
| BP-VPB-184-GW-560-562    | Q3248-02         | VX047997.D     | 10/03/2025       |
| BP-VPB-184-GW-580-582    | Q3248-03         | VX047998.D     | 10/03/2025       |
| BP-VPB-184-GW-600-602    | Q3248-04         | VX047999.D     | 10/03/2025       |
| BP-VPB-184-GW-620-622    | Q3248-05         | VX048000.D     | 10/03/2025       |
| BP-VPB-184-GW-640-642    | Q3248-06         | VX048001.D     | 10/03/2025       |
| BP-VPB-184-GW-660-662    | Q3248-07         | VX048002.D     | 10/03/2025       |
| BP-VPB-184-GW-685-687    | Q3248-08         | VX048004.D     | 10/03/2025       |
| BP-VPB-184-GW-685-687MS  | Q3248-09MS       | VX048005.D     | 10/03/2025       |
| BP-VPB-184-GW-685-687MSD | Q3248-10MSD      | VX048006.D     | 10/03/2025       |

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

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VX047584.D  
Instrument ID: MSVOA\_X  
GC Column: DB-624UI ID: 0.18 (mm)

Contract: TETR06  
SDG NO.: Q3248  
BFB Injection Date: 09/16/2025  
BFB Injection Time: 08:56  
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 20                   |
| 75  | 30.0 - 60.0% of mass 95            | 54                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 67.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 66.3 ( 98.6 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.3 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC001 | VSTDIC001     | VX047585.D  | 09/16/2025    | 09:23         |
| VSTDIC005 | VSTDIC005     | VX047586.D  | 09/16/2025    | 10:16         |
| VSTDIC020 | VSTDIC020     | VX047587.D  | 09/16/2025    | 10:37         |
| VSTDIC050 | VSTDIC050     | VX047588.D  | 09/16/2025    | 10:58         |
| VSTDIC100 | VSTDIC100     | VX047589.D  | 09/16/2025    | 11:40         |
| VSTDIC150 | VSTDIC150     | VX047590.D  | 09/16/2025    | 12:01         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3248

Lab File ID: VX047980.D

BFB Injection Date: 10/03/2025

Instrument ID: MSVOA\_X

BFB Injection Time: 08:35

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            | 20.8                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.1                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.2                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.2 ( 7.7 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.1 ( 95.4 ) 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:

| CLIENT ID                | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|--------------------------|---------------|-------------|---------------|---------------|
| VSTDCCC050               | VSTDCCC050    | VX047981.D  | 10/03/2025    | 09:35         |
| VX1003WBL01              | VX1003WBL01   | VX047983.D  | 10/03/2025    | 10:16         |
| VX1003WBS02              | VX1003WBS02   | VX047986.D  | 10/03/2025    | 12:22         |
| BP-VPB-184-TB-20250930   | Q3248-01      | VX047996.D  | 10/03/2025    | 15:55         |
| BP-VPB-184-GW-560-562    | Q3248-02      | VX047997.D  | 10/03/2025    | 16:15         |
| BP-VPB-184-GW-580-582    | Q3248-03      | VX047998.D  | 10/03/2025    | 16:36         |
| BP-VPB-184-GW-600-602    | Q3248-04      | VX047999.D  | 10/03/2025    | 16:57         |
| BP-VPB-184-GW-620-622    | Q3248-05      | VX048000.D  | 10/03/2025    | 17:18         |
| BP-VPB-184-GW-640-642    | Q3248-06      | VX048001.D  | 10/03/2025    | 17:38         |
| BP-VPB-184-GW-660-662    | Q3248-07      | VX048002.D  | 10/03/2025    | 17:59         |
| BP-VPB-184-GW-685-687    | Q3248-08      | VX048004.D  | 10/03/2025    | 18:41         |
| BP-VPB-184-GW-685-687MS  | Q3248-09MS    | VX048005.D  | 10/03/2025    | 19:02         |
| BP-VPB-184-GW-685-687MSD | Q3248-10MSD   | VX048006.D  | 10/03/2025    | 19:22         |
| VSTDCCC050EC             | VSTDCCC050    | VX048007.D  | 10/03/2025    | 19:43         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06  
Lab Code: ACE SDG NO.: Q3248  
Lab File ID: VX047981.D Date Analyzed: 10/03/2025  
Instrument ID: MSVOA\_X Time Analyzed: 09:35  
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              | 131937        | 5.53  | 225878        | 6.74  | 209083        | 10.04  |
| UPPER LIMIT              | 263874        | 6.031 | 451756        | 7.239 | 418166        | 10.537 |
| LOWER LIMIT              | 65968.5       | 5.031 | 112939        | 6.239 | 104542        | 9.537  |
| EPA SAMPLE NO.           |               |       |               |       |               |        |
| BP-VPB-184-TB-20250930   | 130029        | 5.54  | 264754        | 6.75  | 276284        | 10.04  |
| BP-VPB-184-GW-560-562    | 130796        | 5.54  | 267996        | 6.75  | 274276        | 10.04  |
| BP-VPB-184-GW-580-582    | 116663        | 5.54  | 235290        | 6.75  | 247287        | 10.04  |
| BP-VPB-184-GW-600-602    | 121622        | 5.54  | 253461        | 6.75  | 259302        | 10.04  |
| BP-VPB-184-GW-620-622    | 113992        | 5.54  | 234307        | 6.75  | 240205        | 10.04  |
| BP-VPB-184-GW-640-642    | 114921        | 5.54  | 230401        | 6.75  | 237241        | 10.04  |
| BP-VPB-184-GW-660-662    | 117443        | 5.54  | 235229        | 6.75  | 244995        | 10.04  |
| BP-VPB-184-GW-685-687    | 115930        | 5.54  | 233399        | 6.75  | 238258        | 10.04  |
| BP-VPB-184-GW-685-687MS  | 137909        | 5.54  | 257097        | 6.75  | 246962        | 10.04  |
| BP-VPB-184-GW-685-687MSD | 118835        | 5.54  | 215532        | 6.75  | 195286        | 10.04  |
| VX1003WBL01              | 132031        | 5.54  | 278145        | 6.75  | 290715        | 10.04  |
| VX1003WBS02              | 126673        | 5.54  | 223242        | 6.75  | 203303        | 10.04  |

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:      | <u>Alliance</u>   | Contract:      | <u>TETR06</u>     |
| Lab Code:      | <u>ACE</u>        | SDG NO.:       | <u>Q3248</u>      |
| Lab File ID:   | <u>VX047981.D</u> | Date Analyzed: | <u>10/03/2025</u> |
| Instrument ID: | <u>MSVOA_X</u>    | Time Analyzed: | <u>09:35</u>      |
| GC Column:     | <u>DB-624UI</u>   | ID:            | <u>0.18</u> (mm)  |
|                |                   | Heated Purge:  | (Y/N) <u>N</u>    |

|                          | IS4<br>AREA # | RT #   |  |  |  |  |
|--------------------------|---------------|--------|--|--|--|--|
| 12 HOUR STD              | 105470        | 12.00€ |  |  |  |  |
| UPPER LIMIT              | 210940        | 12.50€ |  |  |  |  |
| LOWER LIMIT              | 52735         | 11.50€ |  |  |  |  |
| EPA SAMPLE NO.           |               |        |  |  |  |  |
| BP-VPB-184-TB-20250930   | 139079        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-560-562    | 141091        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-580-582    | 124667        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-600-602    | 127779        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-620-622    | 119987        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-640-642    | 118357        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-660-662    | 118155        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-685-687    | 114439        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-685-687MS  | 129827        | 12.01  |  |  |  |  |
| BP-VPB-184-GW-685-687MSD | 99502         | 12.01  |  |  |  |  |
| VX1003WBL01              | 147497        | 12.01  |  |  |  |  |
| VX1003WBS02              | 101886        | 12.01  |  |  |  |  |

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:  | VX1003WBL01                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBL01                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047983.D        | 1         | 10/03/25 10:16 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 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  |
| 79-20-9        | Methyl Acetate                 | 0.75  | U         | 0.27  | 0.75 | 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  |
| 110-82-7       | Cyclohexane                    | 2.50  | U         | 1.50  | 2.50 | 5.00       | 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  |
| 74-97-5        | Bromochloromethane             | 0.50  | U         | 0.22  | 0.50 | 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  |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VX1003WBL01                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBL01                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047983.D        | 1         | 10/03/25 10:16 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 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    |
| 124-48-1                  | Dibromochloromethane        | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.50   | U         | 0.15     | 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    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75   | U         | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50   | U         | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75   | U         | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 56.6   |           | 81 - 118 |      | 113%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 51.0   |           | 80 - 119 |      | 102%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.4   |           | 89 - 112 |      | 99%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 57.0   |           | 85 - 114 |      | 114%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 132000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 278000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 291000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 147000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VX1003WBL01                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBL01                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047983.D        | 1         | 10/03/25 10:16 | VX100325      |

| 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: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VX1003WBS02                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBS02                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047986.D        | 1         | 10/03/25 12:22 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 18.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 17.0  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 18.1  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 20.3  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 18.2  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 18.9  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 18.2  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 75.3  |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 16.4  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 19.1  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 19.9  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 19.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.5  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 19.7  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 17.0  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 85.5  |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.0  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.3  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 20.3  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 20.4  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.8  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.7  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.6  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 20.3  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.2  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 20.4  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.9  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 96.3  |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 19.4  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VX1003WBS02                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBS02                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047986.D        | 1         | 10/03/25 12:22 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 19.3   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 20.9   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 88.5   |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 21.2   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.7   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 18.7   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.4   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 18.7   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 37.8   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.1   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.0   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 19.9   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 18.3   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 19.7   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 18.9   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 18.8   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 18.9   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 16.4   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 17.5   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 17.7   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.6   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 55.1   |           | 80 - 119 |      | 110%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 53.6   |           | 89 - 112 |      | 107%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.0   |           | 85 - 114 |      | 108%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 127000 | 5.538     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 223000 | 6.745     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 203000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 102000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VX1003WBS02                   |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | VX1003WBS02                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX047986.D        | 1         | 10/03/25 12:22 | VX100325      |

| 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: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687MS       |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-09MS                    |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048005.D        | 1         | 10/03/25 19:02 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 43.9  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 41.6  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 44.2  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 44.6  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 43.5  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 45.3  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 44.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 44.5  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 200   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 39.0  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 46.1  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 50.7  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 45.6  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 45.2  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 46.6  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 39.7  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 240   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 42.2  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 46.6  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 51.5  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 48.2  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 46.2  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 37.6  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 43.5  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 44.2  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 42.9  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 45.6  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 45.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 250   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 43.6  |           | 0.14  | 0.50 | 1.00       | ug/L  |



## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687MS       |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-09MS                    |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048005.D        | 1         | 10/03/25 19:02 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 42.8   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 42.4   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 47.4   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 240    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 48.1   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 46.6   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 37.7   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 41.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 40.0   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 80.9   |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 40.9   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 40.0   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 43.6   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 36.8   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 41.7   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 36.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 36.4   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 37.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 39.0   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 34.2   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 36.2   |           | 0.20     | 0.75 | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |      |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 57.1   |           | 81 - 118 |      | 114%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 54.6   |           | 80 - 119 |      | 109%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 52.9   |           | 89 - 112 |      | 106%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 56.5   |           | 85 - 114 |      | 113%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 138000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 257000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 247000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 130000 | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687MS       |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-09MS                    |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048005.D        | 1         | 10/03/25 19:02 | VX100325      |

| 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: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687MSD      |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-10MSD                   |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048006.D        | 1         | 10/03/25 19:22 | VX100325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 49.1  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 48.9  |           | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 50.6  |           | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 52.4  |           | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 51.5  |           | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 52.0  |           | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 50.3  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 52.2  |           | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 230   |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 45.6  |           | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 55.0  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 60.0  |           | 0.27  | 0.75 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 53.0  |           | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 52.4  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 55.3  |           | 0.23  | 0.50 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 46.0  |           | 1.50  | 2.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 280   |           | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 51.6  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 54.5  |           | 0.19  | 0.75 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 54.0  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 56.7  |           | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 55.1  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 43.8  |           | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 53.3  |           | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 53.7  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 52.4  |           | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 55.8  |           | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 56.2  |           | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 300   |           | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 53.7  |           | 0.14  | 0.50 | 1.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/02/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |    |
| Client Sample ID:  | BP-VPB-184-GW-685-687MSD      |           | SDG No.:        | Q3248         |    |
| Lab Sample ID:     | Q3248-10MSD                   |           | Matrix:         | Water         |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048006.D        | 1         | 10/03/25 19:22 | VX100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------|------------|---------|
| 10061-02-6                | t-1,3-Dichloropropene       | 53.4   |           | 0.17     | 0.50 | 1.00       | ug/L    |
| 10061-01-5                | cis-1,3-Dichloropropene     | 52.3   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 57.7   |           | 0.21     | 0.50 | 1.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 290    |           | 0.89     | 2.50 | 5.00       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 58.8   |           | 0.18     | 0.50 | 1.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 58.7   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 48.1   |           | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 53.5   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 52.2   |           | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 110    |           | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                   | o-Xylene                    | 53.4   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                  | Styrene                     | 52.4   |           | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 57.8   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 50.0   |           | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 56.0   |           | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 50.3   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 49.3   |           | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 51.6   |           | 0.16     | 0.50 | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 53.3   |           | 0.53     | 0.75 | 1.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 46.8   |           | 0.20     | 0.50 | 1.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 50.2   |           | 0.20     | 0.75 | 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        | 54.1   |           | 80 - 119 |      | 108%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 53.2   |           | 89 - 112 |      | 106%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 52.8   |           | 85 - 114 |      | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |      |            |         |
| 363-72-4                  | Pentafluorobenzene          | 119000 | 5.544     |          |      |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 216000 | 6.751     |          |      |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 195000 | 10.037    |          |      |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 99500  | 12.006    |          |      |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 10/02/25      |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 10/02/25      |
| Client Sample ID:  | BP-VPB-184-GW-685-687MSD      |           | SDG No.:        | Q3248         |
| Lab Sample ID:     | Q3248-10MSD                   |           | Matrix:         | Water         |
| Analytical Method: | 8260D                         |           | % Solid:        | 0             |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW           |
| Prep Method :      |                               |           |                 |               |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VX048006.D        | 1         | 10/03/25 19:22 | VX100325      |

| 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



# CALIBRATION SUMMARY

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                                                 |                                                          |
|-------------------------------------------------|----------------------------------------------------------|
| Lab Name: <u>Alliance</u>                       | Contract: <u>TETR06</u>                                  |
| Lab Code: <u>ACE</u>                            | SDG No.: <u>Q3248</u>                                    |
| Instrument ID: <u>MSVOA_X</u>                   | Calibration Date(s): <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                    | Calibration Time(s): <u>09:23</u> <u>12:01</u>           |
| GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                                                          |

| LAB FILE ID:                   |        | RRF001 = VX047585.D |        | RRF005 = VX047586.D |        | RRF020 = VX047587.D |       |       |  |
|--------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                                |        | RRF050 = VX047588.D |        | RRF100 = VX047589.D |        | RRF150 = VX047590.D |       |       |  |
| COMPOUND                       | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |  |
| Dichlorodifluoromethane        | 0.447  | 0.575               | 0.582  | 0.501               | 0.510  | 0.492               | 0.518 | 10    |  |
| Chloromethane                  | 0.610  | 0.749               | 0.739  | 0.661               | 0.677  | 0.647               | 0.680 | 7.9   |  |
| Vinyl Chloride                 | 0.572  | 0.713               | 0.716  | 0.661               | 0.677  | 0.658               | 0.666 | 7.9   |  |
| Bromomethane                   |        | 0.493               | 0.451  | 0.424               | 0.423  | 0.321               | 0.422 | 15    |  |
| Chloroethane                   | 0.433  | 0.450               | 0.469  | 0.443               | 0.450  | 0.426               | 0.445 | 3.4   |  |
| Trichlorofluoromethane         | 0.865  | 1.033               | 1.038  | 0.995               | 1.018  | 0.986               | 0.989 | 6.5   |  |
| 1,1,2-Trichlorotrifluoroethane | 0.519  | 0.591               | 0.603  | 0.583               | 0.590  | 0.583               | 0.578 | 5.2   |  |
| 1,1-Dichloroethene             | 0.526  | 0.612               | 0.618  | 0.604               | 0.609  | 0.596               | 0.594 | 5.7   |  |
| Acetone                        | 0.343  | 0.416               | 0.400  | 0.317               | 0.302  | 0.299               | 0.346 | 14.7  |  |
| Carbon Disulfide               | 1.555  | 1.735               | 1.758  | 1.566               | 1.589  | 1.555               | 1.626 | 5.8   |  |
| Methyl tert-butyl Ether        | 1.884  | 2.238               | 2.221  | 2.247               | 2.212  | 2.209               | 2.169 | 6.5   |  |
| Methyl Acetate                 | 0.612  | 0.673               | 0.714  | 0.876               | 0.865  | 0.881               | 0.770 | 15.4  |  |
| Methylene Chloride             | 0.718  | 0.772               | 0.754  | 0.730               | 0.716  | 0.705               | 0.732 | 3.5   |  |
| trans-1,2-Dichloroethene       | 0.543  | 0.703               | 0.665  | 0.649               | 0.643  | 0.635               | 0.640 | 8.3   |  |
| 1,1-Dichloroethane             | 1.090  | 1.325               | 1.299  | 1.297               | 1.287  | 1.278               | 1.263 | 6.8   |  |
| Cyclohexane                    |        | 1.161               | 1.092  | 1.030               | 0.984  | 0.993               | 1.052 | 7.1   |  |
| 2-Butanone                     | 0.370  | 0.470               | 0.473  | 0.439               | 0.414  | 0.424               | 0.432 | 9     |  |
| Carbon Tetrachloride           | 0.482  | 0.574               | 0.555  | 0.539               | 0.526  | 0.518               | 0.532 | 6     |  |
| cis-1,2-Dichloroethene         | 0.698  | 0.806               | 0.803  | 0.808               | 0.787  | 0.797               | 0.783 | 5.4   |  |
| Bromochloromethane             | 0.457  | 0.607               | 0.450  | 0.577               | 0.587  | 0.630               | 0.551 | 14.2  |  |
| Chloroform                     | 1.034  | 1.364               | 1.366  | 1.323               | 1.282  | 1.288               | 1.276 | 9.7   |  |
| 1,1,1-Trichloroethane          | 0.901  | 1.123               | 1.141  | 1.127               | 1.100  | 1.103               | 1.082 | 8.3   |  |
| Methylcyclohexane              | 0.490  | 0.589               | 0.591  | 0.565               | 0.548  | 0.554               | 0.556 | 6.6   |  |
| Benzene                        | 1.330  | 1.577               | 1.566  | 1.523               | 1.473  | 1.459               | 1.488 | 6.1   |  |
| 1,2-Dichloroethane             | 0.513  | 0.595               | 0.600  | 0.582               | 0.554  | 0.553               | 0.566 | 5.8   |  |
| Trichloroethene                | 0.296  | 0.382               | 0.382  | 0.370               | 0.364  | 0.363               | 0.360 | 8.9   |  |
| 1,2-Dichloropropane            | 0.326  | 0.403               | 0.394  | 0.397               | 0.382  | 0.384               | 0.381 | 7.4   |  |
| Bromodichloromethane           | 0.461  | 0.599               | 0.601  | 0.607               | 0.579  | 0.586               | 0.572 | 9.7   |  |
| 4-Methyl-2-Pentanone           | 0.390  | 0.493               | 0.503  | 0.511               | 0.479  | 0.487               | 0.477 | 9.3   |  |
| Toluene                        | 0.841  | 0.967               | 0.960  | 0.940               | 0.897  | 0.897               | 0.917 | 5.2   |  |

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

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                                      |                      |                                     |
|---------------------|--------------------------------------|----------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>                      | Contract:            | <u>TETR06</u>                       |
| Lab Code:           | <u>ACE</u>                           | SDG No.:             | <u>Q3248</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>                       | Calibration Date(s): | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>                             | Calibration Time(s): | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u> ID: <u>0.18</u> (mm) |                      |                                     |

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRF001 = VX047585.D |        | RRF005 = VX047586.D |        | RRF020 = VX047587.D |       |       |
|                             |        | RRF050 = VX047588.D |        | RRF100 = VX047589.D |        | RRF150 = VX047590.D |       |       |
| COMPOUND                    | RRF001 | RRF005              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| t-1,3-Dichloropropene       | 0.487  | 0.588               | 0.602  | 0.619               | 0.595  | 0.611               | 0.584 | 8.3   |
| cis-1,3-Dichloropropene     | 0.513  | 0.652               | 0.644  | 0.653               | 0.637  | 0.644               | 0.624 | 8.7   |
| 1,1,2-Trichloroethane       | 0.323  | 0.365               | 0.371  | 0.367               | 0.344  | 0.351               | 0.354 | 5.1   |
| 2-Hexanone                  | 0.274  | 0.374               | 0.372  | 0.360               | 0.333  | 0.343               | 0.343 | 10.8  |
| Dibromochloromethane        | 0.321  | 0.414               | 0.431  | 0.435               | 0.421  | 0.422               | 0.407 | 10.5  |
| 1,2-Dibromoethane           | 0.287  | 0.379               | 0.384  | 0.379               | 0.364  | 0.367               | 0.360 | 10.1  |
| Tetrachloroethene           | 0.299  | 0.354               | 0.342  | 0.326               | 0.320  | 0.314               | 0.326 | 6     |
| Chlorobenzene               | 0.998  | 1.182               | 1.177  | 1.178               | 1.139  | 1.142               | 1.136 | 6.2   |
| Ethyl Benzene               | 1.625  | 2.077               | 2.049  | 2.039               | 1.996  | 1.973               | 1.960 | 8.6   |
| m/p-Xylenes                 | 0.604  | 0.774               | 0.765  | 0.765               | 0.739  | 0.730               | 0.729 | 8.8   |
| o-Xylene                    | 0.576  | 0.734               | 0.734  | 0.749               | 0.721  | 0.719               | 0.706 | 9.1   |
| Styrene                     | 1.019  | 1.288               | 1.290  | 1.299               | 1.257  | 1.265               | 1.236 | 8.7   |
| Bromoform                   | 0.221  | 0.293               | 0.301  | 0.313               | 0.312  | 0.317               | 0.293 | 12.4  |
| Isopropylbenzene            | 3.124  | 3.907               | 3.986  | 4.047               | 3.907  | 3.839               | 3.801 | 8.9   |
| 1,1,2,2-Tetrachloroethane   | 0.965  | 1.182               | 1.203  | 1.225               | 1.152  | 1.173               | 1.150 | 8.2   |
| 1,3-Dichlorobenzene         | 1.462  | 1.800               | 1.829  | 1.817               | 1.768  | 1.758               | 1.739 | 8     |
| 1,4-Dichlorobenzene         | 1.570  | 1.890               | 1.868  | 1.832               | 1.767  | 1.783               | 1.785 | 6.5   |
| 1,2-Dichlorobenzene         | 1.359  | 1.691               | 1.757  | 1.746               | 1.696  | 1.692               | 1.657 | 9     |
| 1,2-Dibromo-3-Chloropropane | 0.173  | 0.218               | 0.242  | 0.254               | 0.250  | 0.260               | 0.233 | 14.1  |
| 1,2,4-Trichlorobenzene      | 0.831  | 1.099               | 1.107  | 1.156               | 1.140  | 1.126               | 1.077 | 11.3  |
| 1,2,3-Trichlorobenzene      | 0.753  | 0.986               | 1.031  | 1.088               | 1.078  | 1.073               | 1.002 | 12.7  |
| 1,2-Dichloroethane-d4       |        | 0.884               | 0.647  | 0.770               | 0.815  | 0.863               | 0.796 | 11.8  |
| Dibromofluoromethane        |        | 0.356               | 0.266  | 0.331               | 0.355  | 0.368               | 0.335 | 12.3  |
| Toluene-d8                  |        | 1.237               | 0.943  | 1.147               | 1.211  | 1.263               | 1.160 | 11.1  |
| 4-Bromofluorobenzene        |        | 0.478               | 0.360  | 0.427               | 0.452  | 0.484               | 0.440 | 11.4  |

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



VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3248</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>10/03/2025</u> <u>09:35</u>      |
| Lab File ID:        | <u>VX047981.D</u> | Init. Calib. Date(s):  | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                       | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|--------------------------------|-------|--------|------------|-------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.577  |            | 11.39 | 20    |
| Chloromethane                  | 0.680 | 0.659  | 0.1        | -3.09 | 20    |
| Vinyl Chloride                 | 0.666 | 0.682  |            | 2.4   | 20    |
| Bromomethane                   | 0.422 | 0.467  |            | 10.66 | 20    |
| Chloroethane                   | 0.445 | 0.450  |            | 1.12  | 20    |
| Trichlorofluoromethane         | 0.989 | 1.066  |            | 7.79  | 20    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.638  |            | 10.38 | 20    |
| 1,1-Dichloroethene             | 0.594 | 0.609  |            | 2.53  | 20    |
| Acetone                        | 0.346 | 0.321  |            | -7.22 | 20    |
| Carbon Disulfide               | 1.626 | 1.511  |            | -7.07 | 20    |
| Methyl tert-butyl Ether        | 2.169 | 2.219  |            | 2.31  | 20    |
| Methyl Acetate                 | 0.770 | 0.839  |            | 8.96  | 20    |
| Methylene Chloride             | 0.732 | 0.762  |            | 4.1   | 20    |
| trans-1,2-Dichloroethene       | 0.640 | 0.654  |            | 2.19  | 20    |
| 1,1-Dichloroethane             | 1.263 | 1.326  | 0.1        | 4.99  | 20    |
| Cyclohexane                    | 1.052 | 1.024  |            | -2.66 | 20    |
| 2-Butanone                     | 0.432 | 0.408  |            | -5.56 | 20    |
| Carbon Tetrachloride           | 0.532 | 0.565  |            | 6.2   | 20    |
| cis-1,2-Dichloroethene         | 0.783 | 0.827  |            | 5.62  | 20    |
| Bromochloromethane             | 0.551 | 0.591  |            | 7.26  | 20    |
| Chloroform                     | 1.276 | 1.385  |            | 8.54  | 20    |
| 1,1,1-Trichloroethane          | 1.082 | 1.140  |            | 5.36  | 20    |
| Methylcyclohexane              | 0.556 | 0.571  |            | 2.7   | 20    |
| Benzene                        | 1.488 | 1.585  |            | 6.52  | 20    |
| 1,2-Dichloroethane             | 0.566 | 0.610  |            | 7.77  | 20    |
| Trichloroethene                | 0.360 | 0.385  |            | 6.94  | 20    |
| 1,2-Dichloropropane            | 0.381 | 0.426  |            | 11.81 | 20    |
| Bromodichloromethane           | 0.572 | 0.655  |            | 14.51 | 20    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.481  |            | 0.84  | 20    |
| Toluene                        | 0.917 | 0.989  |            | 7.85  | 20    |
| t-1,3-Dichloropropene          | 0.584 | 0.657  |            | 12.5  | 20    |
| cis-1,3-Dichloropropene        | 0.624 | 0.698  |            | 11.86 | 20    |
| 1,1,2-Trichloroethane          | 0.354 | 0.398  |            | 12.43 | 20    |
| 2-Hexanone                     | 0.343 | 0.334  |            | -2.62 | 20    |
| Dibromochloromethane           | 0.407 | 0.478  |            | 17.44 | 20    |
| 1,2-Dibromoethane              | 0.360 | 0.408  |            | 13.33 | 20    |
| Tetrachloroethene              | 0.326 | 0.327  |            | 0.31  | 20    |
| Chlorobenzene                  | 1.136 | 1.205  | 0.3        | 6.07  | 20    |

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

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3248</u>                        |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>10/03/2025</u> <u>09:35</u>      |
| Lab File ID:        | <u>VX047981.D</u> | Init. Calib. Date(s):  | <u>09/16/2025</u> <u>09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23</u> <u>12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)                    |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 2.036  |            | 3.88  | 20    |
| m/p-Xylenes                 | 0.729 | 0.772  |            | 5.9   | 20    |
| o-Xylene                    | 0.706 | 0.741  |            | 4.96  | 20    |
| Styrene                     | 1.236 | 1.320  |            | 6.8   | 20    |
| Bromoform                   | 0.293 | 0.314  | 0.1        | 7.17  | 20    |
| Isopropylbenzene            | 3.801 | 3.806  |            | 0.13  | 20    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.146  | 0.3        | -0.35 | 20    |
| 1,3-Dichlorobenzene         | 1.739 | 1.775  |            | 2.07  | 20    |
| 1,4-Dichlorobenzene         | 1.785 | 1.818  |            | 1.85  | 20    |
| 1,2-Dichlorobenzene         | 1.657 | 1.703  |            | 2.78  | 20    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.211  |            | -9.44 | 20    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.037  |            | -3.71 | 20    |
| 1,2,3-Trichlorobenzene      | 1.002 | 0.991  |            | -1.1  | 20    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.797  |            | 0.13  | 20    |
| Dibromofluoromethane        | 0.335 | 0.365  |            | 8.95  | 20    |
| Toluene-d8                  | 1.160 | 1.215  |            | 4.74  | 20    |
| 4-Bromofluorobenzene        | 0.440 | 0.468  |            | 6.36  | 20    |

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

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3248</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>10/03/2025 19:43</u>      |
| Lab File ID:        | <u>VX048007.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                       | RRF   | RRF050 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 0.518 | 0.527  |         | 1.74   | 50    |
| Chloromethane                  | 0.680 | 0.643  | 0.1     | -5.44  | 50    |
| Vinyl Chloride                 | 0.666 | 0.673  |         | 1.05   | 50    |
| Bromomethane                   | 0.422 | 0.432  |         | 2.37   | 50    |
| Chloroethane                   | 0.445 | 0.448  |         | 0.67   | 50    |
| Trichlorofluoromethane         | 0.989 | 1.033  |         | 4.45   | 50    |
| 1,1,2-Trichlorotrifluoroethane | 0.578 | 0.612  |         | 5.88   | 50    |
| 1,1-Dichloroethene             | 0.594 | 0.604  |         | 1.68   | 50    |
| Acetone                        | 0.346 | 0.311  |         | -10.12 | 50    |
| Carbon Disulfide               | 1.626 | 1.465  |         | -9.9   | 50    |
| Methyl tert-butyl Ether        | 2.169 | 2.388  |         | 10.1   | 50    |
| Methyl Acetate                 | 0.770 | 0.970  |         | 25.97  | 50    |
| Methylene Chloride             | 0.732 | 0.762  |         | 4.1    | 50    |
| trans-1,2-Dichloroethene       | 0.640 | 0.657  |         | 2.66   | 50    |
| 1,1-Dichloroethane             | 1.263 | 1.360  | 0.1     | 7.6    | 50    |
| Cyclohexane                    | 1.052 | 0.988  |         | -6.08  | 50    |
| 2-Butanone                     | 0.432 | 0.478  |         | 10.65  | 50    |
| Carbon Tetrachloride           | 0.532 | 0.561  |         | 5.45   | 50    |
| cis-1,2-Dichloroethene         | 0.783 | 0.839  |         | 7.15   | 50    |
| Bromochloromethane             | 0.551 | 0.602  |         | 9.26   | 50    |
| Chloroform                     | 1.276 | 1.435  |         | 12.46  | 50    |
| 1,1,1-Trichloroethane          | 1.082 | 1.180  |         | 9.06   | 50    |
| Methylcyclohexane              | 0.556 | 0.531  |         | -4.5   | 50    |
| Benzene                        | 1.488 | 1.592  |         | 6.99   | 50    |
| 1,2-Dichloroethane             | 0.566 | 0.610  |         | 7.77   | 50    |
| Trichloroethene                | 0.360 | 0.385  |         | 6.94   | 50    |
| 1,2-Dichloropropane            | 0.381 | 0.433  |         | 13.65  | 50    |
| Bromodichloromethane           | 0.572 | 0.649  |         | 13.46  | 50    |
| 4-Methyl-2-Pentanone           | 0.477 | 0.583  |         | 22.22  | 50    |
| Toluene                        | 0.917 | 0.986  |         | 7.53   | 50    |
| t-1,3-Dichloropropene          | 0.584 | 0.639  |         | 9.42   | 50    |
| cis-1,3-Dichloropropene        | 0.624 | 0.675  |         | 8.17   | 50    |
| 1,1,2-Trichloroethane          | 0.354 | 0.416  |         | 17.51  | 50    |
| 2-Hexanone                     | 0.343 | 0.404  |         | 17.78  | 50    |
| Dibromochloromethane           | 0.407 | 0.482  |         | 18.43  | 50    |
| 1,2-Dibromoethane              | 0.360 | 0.426  |         | 18.33  | 50    |
| Tetrachloroethene              | 0.326 | 0.336  |         | 3.07   | 50    |
| Chlorobenzene                  | 1.136 | 1.229  | 0.3     | 8.19   | 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:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3248</u>                 |
| Instrument ID:      | <u>MSVOA_X</u>    | Calibration Date/Time: | <u>10/03/2025 19:43</u>      |
| Lab File ID:        | <u>VX048007.D</u> | Init. Calib. Date(s):  | <u>09/16/2025 09/16/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>09:23 12:01</u>           |
| GC Column:          | <u>DB-624UI</u>   | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| Ethyl Benzene               | 1.960 | 2.091  |            | 6.68  | 50    |
| m/p-Xylenes                 | 0.729 | 0.784  |            | 7.55  | 50    |
| o-Xylene                    | 0.706 | 0.762  |            | 7.93  | 50    |
| Styrene                     | 1.236 | 1.348  |            | 9.06  | 50    |
| Bromoform                   | 0.293 | 0.345  | 0.1        | 17.75 | 50    |
| Isopropylbenzene            | 3.801 | 3.923  |            | 3.21  | 50    |
| 1,1,2,2-Tetrachloroethane   | 1.150 | 1.329  | 0.3        | 15.56 | 50    |
| 1,3-Dichlorobenzene         | 1.739 | 1.809  |            | 4.03  | 50    |
| 1,4-Dichlorobenzene         | 1.785 | 1.820  |            | 1.96  | 50    |
| 1,2-Dichlorobenzene         | 1.657 | 1.770  |            | 6.82  | 50    |
| 1,2-Dibromo-3-Chloropropane | 0.233 | 0.257  |            | 10.3  | 50    |
| 1,2,4-Trichlorobenzene      | 1.077 | 1.098  |            | 1.95  | 50    |
| 1,2,3-Trichlorobenzene      | 1.002 | 1.073  |            | 7.09  | 50    |
| 1,2-Dichloroethane-d4       | 0.796 | 0.830  |            | 4.27  | 50    |
| Dibromofluoromethane        | 0.335 | 0.360  |            | 7.46  | 50    |
| Toluene-d8                  | 1.160 | 1.242  |            | 7.07  | 50    |
| 4-Bromofluorobenzene        | 0.440 | 0.481  |            | 9.32  | 50    |

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