

## Report of Analysis

Client: Tetra Tech NUS, Inc.  
Project: NWIRP Bethpage 112G08005-WE13  
Client Sample ID: VY1024SBL01  
Lab Sample ID: VY1024SBL01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 g

Level : LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3413  
Matrix: SOIL  
% Solid: 100  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|------|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |      |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 4.00  | U    | 1  | 1.10 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 74-87-3        | Chloromethane                  | 2.50  | U    | 1  | 1.10 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-01-4        | Vinyl Chloride                 | 2.50  | U    | 1  | 0.79 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 74-83-9        | Bromomethane                   | 4.00  | U    | 1  | 1.10 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-00-3        | Chloroethane                   | 2.50  | U    | 1  | 1.30 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-69-4        | Trichlorofluoromethane         | 4.00  | U    | 1  | 1.20 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.50  | U    | 1  | 1.10 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-35-4        | 1,1-Dichloroethene             | 2.50  | U    | 1  | 1.00 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 67-64-1        | Acetone                        | 20.0  | U    | 1  | 4.70 | 20.0 | 25.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-15-0        | Carbon Disulfide               | 4.00  | U    | 1  | 1.10 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.50  | U    | 1  | 0.73 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 79-20-9        | Methyl Acetate                 | 4.00  | U    | 1  | 1.50 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-09-2        | Methylene Chloride             | 8.00  | U    | 1  | 3.50 | 8.00 | 10.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.50  | U    | 1  | 0.86 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-34-3        | 1,1-Dichloroethane             | 2.50  | U    | 1  | 0.80 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 110-82-7       | Cyclohexane                    | 2.50  | U    | 1  | 0.79 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 78-93-3        | 2-Butanone                     | 20.0  | U    | 1  | 6.50 | 20.0 | 25.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 56-23-5        | Carbon Tetrachloride           | 2.50  | U    | 1  | 0.97 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.50  | U    | 1  | 0.75 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 74-97-5        | Bromochloromethane             | 4.00  | U    | 1  | 1.20 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 67-66-3        | Chloroform                     | 4.00  | U    | 1  | 0.84 | 4.00 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.50  | U    | 1  | 0.93 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 108-87-2       | Methylcyclohexane              | 2.50  | U    | 1  | 0.91 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 71-43-2        | Benzene                        | 2.50  | U    | 1  | 0.79 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 107-06-2       | 1,2-Dichloroethane             | 2.50  | U    | 1  | 0.79 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 79-01-6        | Trichloroethene                | 2.50  | U    | 1  | 0.81 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 78-87-5        | 1,2-Dichloropropane            | 2.50  | U    | 1  | 0.91 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-27-4        | Bromodichloromethane           | 2.50  | U    | 1  | 0.78 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 12.5  | U    | 1  | 3.60 | 12.5 | 25.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 108-88-3       | Toluene                        | 2.50  | U    | 1  | 0.78 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 10061-02-6     | t-1,3-Dichloropropene          | 2.50  | U    | 1  | 0.65 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 2.50  | U    | 1  | 0.62 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 79-00-5        | 1,1,2-Trichloroethane          | 2.50  | U    | 1  | 0.92 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 591-78-6       | 2-Hexanone                     | 12.5  | U    | 1  | 3.70 | 12.5 | 25.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 124-48-1       | Dibromochloromethane           | 2.50  | U    | 1  | 0.87 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 106-93-4       | 1,2-Dibromoethane              | 2.50  | U    | 1  | 0.88 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 127-18-4       | Tetrachloroethene              | 2.50  | U    | 1  | 1.10 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 108-90-7       | Chlorobenzene                  | 2.50  | U    | 1  | 0.91 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 100-41-4       | Ethyl Benzene                  | 2.50  | U    | 1  | 0.67 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 179601-23-1    | m/p-Xylenes                    | 5.00  | U    | 1  | 1.20 | 5.00 | 10.0       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 95-47-6        | o-Xylene                       | 2.50  | U    | 1  | 0.82 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 100-42-5       | Styrene                        | 2.50  | U    | 1  | 0.71 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |
| 75-25-2        | Bromoform                      | 2.50  | U    | 1  | 0.86 | 2.50 | 5.00       | ug/Kg | 10/24/25 09:24 | VY102425 |

## Report of Analysis

|                    |                               |                 |               |
|--------------------|-------------------------------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 | Date Received:  |               |
| Client Sample ID:  | VY1024SBL01                   | SDG No.:        | Q3413         |
| Lab Sample ID:     | VY1024SBL01                   | Matrix:         | SOIL          |
| Analytical Method: | 8260D                         | % Solid:        | 100           |
| Sample Wt/Vol:     | 5 g                           | Test:           | VOC-TCLVOA-10 |
|                    | Level : LOW                   |                 |               |
|                    | Final Vol: 5000 uL            |                 |               |

| CAS Number                | Parameter                   | Conc.             | Qua. | DF | MDL      | LOD  | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|-----------------------------|-------------------|------|----|----------|------|------------|---------|----------------|----------|
| 98-82-8                   | Isopropylbenzene            | 2.50              | U    | 1  | 0.78     | 2.50 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 2.50              | U    | 1  | 1.20     | 2.50 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 541-73-1                  | 1,3-Dichlorobenzene         | 2.50              | U    | 1  | 1.70     | 2.50 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 106-46-7                  | 1,4-Dichlorobenzene         | 2.50              | U    | 1  | 1.60     | 2.50 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 95-50-1                   | 1,2-Dichlorobenzene         | 2.50              | U    | 1  | 1.50     | 2.50 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 4.00              | U    | 1  | 1.80     | 4.00 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 4.00              | U    | 1  | 3.00     | 4.00 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 4.00              | U    | 1  | 3.20     | 4.00 | 5.00       | ug/Kg   | 10/24/25 09:24 | VY102425 |
| <b>SURROGATES</b>         |                             |                   |      |    |          |      |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 44.4              |      |    | 71 - 136 |      | 89%        | SPK: 50 |                |          |
| 1868-53-7                 | Dibromofluoromethane        | 48.7              |      |    | 78 - 119 |      | 97%        | SPK: 50 |                |          |
| 2037-26-5                 | Toluene-d8                  | 47.7              |      |    | 85 - 116 |      | 95%        | SPK: 50 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene        | 40.6              |      |    | 79 - 119 |      | 81%        | SPK: 50 |                |          |
| <b>INTERNAL STANDARDS</b> |                             |                   |      |    |          |      |            |         |                |          |
|                           |                             | <b>Area Count</b> |      |    |          |      |            |         |                |          |
| 363-72-4                  | Pentafluorobenzene          | 899000            |      |    |          |      |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene         | 1420000           |      |    |          |      |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5            | 1160000           |      |    |          |      |            |         |                |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 469000            |      |    |          |      |            |         |                |          |

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