

## Report of Analysis

Client: Tetra Tech NUS, Inc.  
Project: NWIRP Bethpage 112G08005-WE13  
Client Sample ID: VX1013WBL01  
Lab Sample ID: VX1013WBL01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3324  
Matrix: Water  
% Solid: 0  
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        | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 74-87-3        | Chloromethane                  | 0.50  | U    | 1  | 0.32  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U    | 1  | 0.26  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 74-83-9        | Bromomethane                   | 3.80  | U    | 1  | 1.40  | 3.80 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-00-3        | Chloroethane                   | 0.75  | U    | 1  | 0.47  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U    | 1  | 0.33  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U    | 1  | 0.23  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 67-64-1        | Acetone                        | 3.80  | U    | 1  | 1.50  | 3.80 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-15-0        | Carbon Disulfide               | 0.75  | U    | 1  | 0.21  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 79-20-9        | Methyl Acetate                 | 0.75  | U    | 1  | 0.27  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-09-2        | Methylene Chloride             | 0.50  | U    | 1  | 0.28  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 110-82-7       | Cyclohexane                    | 2.50  | U    | 1  | 1.50  | 2.50 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 78-93-3        | 2-Butanone                     | 2.50  | U    | 1  | 0.98  | 2.50 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U    | 1  | 0.19  | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 74-97-5        | Bromochloromethane             | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 67-66-3        | Chloroform                     | 0.50  | U    | 1  | 0.25  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U    | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 108-87-2       | Methylcyclohexane              | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 71-43-2        | Benzene                        | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 79-01-6        | Trichloroethene                | 0.75  | U    | 1  | 0.090 | 0.75 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U    | 1  | 0.20  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-27-4        | Bromodichloromethane           | 0.50  | U    | 1  | 0.22  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U    | 1  | 0.68  | 2.50 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 108-88-3       | Toluene                        | 0.50  | U    | 1  | 0.14  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U    | 1  | 0.17  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U    | 1  | 0.16  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U    | 1  | 0.21  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 591-78-6       | 2-Hexanone                     | 2.50  | U    | 1  | 0.89  | 2.50 | 5.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 124-48-1       | Dibromochloromethane           | 0.50  | U    | 1  | 0.18  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 106-93-4       | 1,2-Dibromoethane              | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 127-18-4       | Tetrachloroethene              | 0.50  | U    | 1  | 0.23  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 108-90-7       | Chlorobenzene                  | 0.50  | U    | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 100-41-4       | Ethyl Benzene                  | 0.50  | U    | 1  | 0.13  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 179601-23-1    | m/p-Xylenes                    | 1.00  | U    | 1  | 0.24  | 1.00 | 2.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 95-47-6        | o-Xylene                       | 0.50  | U    | 1  | 0.12  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 100-42-5       | Styrene                        | 0.50  | U    | 1  | 0.15  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |
| 75-25-2        | Bromoform                      | 0.50  | U    | 1  | 0.19  | 0.50 | 1.00       | ug/L  | 10/13/25 09:46 | VX101325 |

## Report of Analysis

Client: Tetra Tech NUS, Inc.  
Project: NWIRP Bethpage 112G08005-WE13  
Client Sample ID: VX1013WBL01  
Lab Sample ID: VX1013WBL01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 mL

Level : LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3324  
Matrix: Water  
% Solid: 0  
Test: VOC-TCLVOA-10

| CAS Number                | Parameter                   | Conc.             | Qua. | DF | MDL      | LOD  | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|-----------------------------|-------------------|------|----|----------|------|------------|---------|----------------|----------|
| 98-82-8                   | Isopropylbenzene            | 0.50              | U    | 1  | 0.12     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.50              | U    | 1  | 0.26     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.50              | U    | 1  | 0.16     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.50              | U    | 1  | 0.19     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.50              | U    | 1  | 0.16     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.75              | U    | 1  | 0.53     | 0.75 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.50              | U    | 1  | 0.20     | 0.50 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.75              | U    | 1  | 0.20     | 0.75 | 1.00       | ug/L    | 10/13/25 09:46 | VX101325 |
| <b>SURROGATES</b>         |                             |                   |      |    |          |      |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 49.8              |      |    | 81 - 118 |      | 100%       | SPK: 50 |                |          |
| 1868-53-7                 | Dibromofluoromethane        | 48.9              |      |    | 80 - 119 |      | 98%        | SPK: 50 |                |          |
| 2037-26-5                 | Toluene-d8                  | 48.3              |      |    | 89 - 112 |      | 97%        | SPK: 50 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene        | 54.5              |      |    | 85 - 114 |      | 109%       | SPK: 50 |                |          |
| <b>INTERNAL STANDARDS</b> |                             |                   |      |    |          |      |            |         |                |          |
|                           |                             | <b>Area Count</b> |      |    |          |      |            |         |                |          |
| 363-72-4                  | Pentafluorobenzene          | 171000            |      |    |          |      |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene         | 349000            |      |    |          |      |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5            | 354000            |      |    |          |      |            |         |                |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 171000            |      |    |          |      |            |         |                |          |

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