

## Report of Analysis

|                    |                       |        |      |                 |              |    |
|--------------------|-----------------------|--------|------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.  |        |      | Date Collected: | 10/24/24     |    |
| Project:           | CTO WE13              |        |      | Date Received:  | 10/24/24     |    |
| Client Sample ID:  | TT-068-IDWGW-20241024 |        |      | SDG No.:        | P4549        |    |
| Lab Sample ID:     | P4549-03              |        |      | Matrix:         | Water        |    |
| Analytical Method: | E624.1                |        |      | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                     | Units: | mL   | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                       |        | uL   | Test:           | VOCMS Group4 |    |
| GC Column:         | RXI-624               | ID :   | 0.25 | Level :         | LOW          |    |
| Prep Method :      |                       |        |      |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN084515.D        | 4         |           | 10/25/24 14:51 | VN102524      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 4.90  | U         | 4.90 | 20.0       | ug/L  |
| 74-87-3        | Chloromethane                  | 4.70  | U         | 4.70 | 20.0       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 4.90  | U         | 4.90 | 20.0       | ug/L  |
| 74-83-9        | Bromomethane                   | 5.50  | U         | 5.50 | 20.0       | ug/L  |
| 75-00-3        | Chloroethane                   | 11.7  | U         | 11.7 | 20.0       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 4.00  | U         | 4.00 | 20.0       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 4.20  | U         | 4.20 | 20.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 4.20  | U         | 4.20 | 20.0       | ug/L  |
| 107-02-8       | Acrolein                       | 37.2  | U         | 37.2 | 100        | ug/L  |
| 107-13-1       | Acrylonitrile                  | 14.7  | U         | 14.7 | 100        | ug/L  |
| 67-64-1        | Acetone                        | 19.6  | U         | 19.6 | 100        | ug/L  |
| 75-15-0        | Carbon Disulfide               | 3.70  | U         | 3.70 | 20.0       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether        | 3.30  | U         | 3.30 | 20.0       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 4.90  | U         | 4.90 | 20.0       | ug/L  |
| 75-09-2        | Methylene Chloride             | 4.80  | U         | 4.80 | 20.0       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 3.80  | U         | 3.80 | 20.0       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 110-82-7       | Cyclohexane                    | 4.10  | U         | 4.10 | 20.0       | ug/L  |
| 78-93-3        | 2-Butanone                     | 14.2  | U         | 14.2 | 100        | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 3.60  | U         | 3.60 | 20.0       | ug/L  |
| 594-20-7       | 2,2-Dichloropropane            | 4.60  | U         | 4.60 | 20.0       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 3.60  | U         | 3.60 | 20.0       | ug/L  |
| 67-66-3        | Chloroform                     | 2.90  | U         | 2.90 | 20.0       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 3.60  | U         | 3.60 | 20.0       | ug/L  |
| 563-58-6       | 1,1-Dichloropropene            | 3.00  | U         | 3.00 | 20.0       | ug/L  |
| 71-43-2        | Benzene                        | 2.80  | U         | 2.80 | 20.0       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 3.00  | U         | 3.00 | 20.0       | ug/L  |
| 79-01-6        | Trichloroethene                | 25.2  |           | 3.10 | 20.0       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 2.60  | U         | 2.60 | 20.0       | ug/L  |

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| Client:            | Tetra Tech NUS, Inc.  |        |      | Date Collected: | 10/24/24     |    |
| Project:           | CTO WE13              |        |      | Date Received:  | 10/24/24     |    |
| Client Sample ID:  | TT-068-IDWGW-20241024 |        |      | SDG No.:        | P4549        |    |
| Lab Sample ID:     | P4549-03              |        |      | Matrix:         | Water        |    |
| Analytical Method: | E624.1                |        |      | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                     | Units: | mL   | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                       |        | uL   | Test:           | VOCMS Group4 |    |
| GC Column:         | RXI-624               | ID :   | 0.25 | Level :         | LOW          |    |
| Prep Method :      |                       |        |      |                 |              |    |

|                   |           |           |                |               |
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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN084515.D        | 4         |           | 10/25/24 14:51 | VN102524      |

| CAS Number  | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|-------------|---------------------------|-------|-----------|------|------------|-------|
| 74-95-3     | Dibromomethane            | 2.80  | U         | 2.80 | 20.0       | ug/L  |
| 75-27-4     | Bromodichloromethane      | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 108-10-1    | 4-Methyl-2-Pentanone      | 16.6  | U         | 16.6 | 100        | ug/L  |
| 108-88-3    | Toluene                   | 2.90  | U         | 2.90 | 20.0       | ug/L  |
| 10061-02-6  | t-1,3-Dichloropropene     | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 10061-01-5  | cis-1,3-Dichloropropene   | 3.30  | U         | 3.30 | 20.0       | ug/L  |
| 79-00-5     | 1,1,2-Trichloroethane     | 2.70  | U         | 2.70 | 20.0       | ug/L  |
| 142-28-9    | 1,3-Dichloropropane       | 2.70  | U         | 2.70 | 20.0       | ug/L  |
| 591-78-6    | 2-Hexanone                | 15.8  | U         | 15.8 | 100        | ug/L  |
| 124-48-1    | Dibromochloromethane      | 2.90  | U         | 2.90 | 20.0       | ug/L  |
| 106-93-4    | 1,2-Dibromoethane         | 3.10  | U         | 3.10 | 20.0       | ug/L  |
| 127-18-4    | Tetrachloroethene         | 3.80  | U         | 3.80 | 20.0       | ug/L  |
| 108-90-7    | Chlorobenzene             | 2.70  | U         | 2.70 | 20.0       | ug/L  |
| 630-20-6    | 1,1,1,2-Tetrachloroethane | 3.60  | U         | 3.60 | 20.0       | ug/L  |
| 67-72-1     | Hexachloroethane          | 3.60  | U         | 3.60 | 20.0       | ug/L  |
| 100-41-4    | Ethyl Benzene             | 2.90  | U         | 2.90 | 20.0       | ug/L  |
| 179601-23-1 | m/p-Xylenes               | 6.90  | U         | 6.90 | 40.0       | ug/L  |
| 95-47-6     | o-Xylene                  | 3.30  | U         | 3.30 | 20.0       | ug/L  |
| 100-42-5    | Styrene                   | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 75-25-2     | Bromoform                 | 4.00  | U         | 4.00 | 20.0       | ug/L  |
| 98-82-8     | Isopropylbenzene          | 3.40  | U         | 3.40 | 20.0       | ug/L  |
| 79-34-5     | 1,1,2,2-Tetrachloroethane | 2.40  | U         | 2.40 | 20.0       | ug/L  |
| 96-18-4     | 1,2,3-Trichloropropane    | 6.90  | U         | 6.90 | 20.0       | ug/L  |
| 108-86-1    | Bromobenzene              | 2.80  | U         | 2.80 | 20.0       | ug/L  |
| 103-65-1    | n-propylbenzene           | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 95-49-8     | 2-Chlorotoluene           | 3.20  | U         | 3.20 | 20.0       | ug/L  |
| 108-67-8    | 1,3,5-Trimethylbenzene    | 3.00  | U         | 3.00 | 20.0       | ug/L  |
| 106-43-4    | 4-Chlorotoluene           | 3.30  | U         | 3.30 | 20.0       | ug/L  |
| 98-06-6     | tert-butylbenzene         | 3.10  | U         | 3.10 | 20.0       | ug/L  |
| 95-63-6     | 1,2,4-Trimethylbenzene    | 3.30  | U         | 3.30 | 20.0       | ug/L  |
| 135-98-8    | sec-Butylbenzene          | 3.10  | U         | 3.10 | 20.0       | ug/L  |

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| Project:           | CTO WE13              |           | Date Received:  | 10/24/24     |    |
| Client Sample ID:  | TT-068-IDWGW-20241024 |           | SDG No.:        | P4549        |    |
| Lab Sample ID:     | P4549-03              |           | Matrix:         | Water        |    |
| Analytical Method: | E624.1                |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                     | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                       | uL        | Test:           | VOCMS Group4 |    |
| GC Column:         | RXI-624               | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                       |           |                 |              |    |

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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN084515.D        | 4         |           | 10/25/24 14:51 | VN102524      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 99-87-6                   | p-Isopropyltoluene          | 3.30   | U         | 3.30     | 20.0       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 3.50   | U         | 3.50     | 20.0       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 3.80   | U         | 3.80     | 20.0       | ug/L    |
| 104-51-8                  | n-Butylbenzene              | 3.40   | U         | 3.40     | 20.0       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 3.50   | U         | 3.50     | 20.0       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 3.60   | U         | 3.60     | 20.0       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 4.40   | U         | 4.40     | 20.0       | ug/L    |
| 87-68-3                   | Hexachlorobutadiene         | 4.40   | U         | 4.40     | 20.0       | ug/L    |
| 91-20-3                   | Naphthalene                 | 5.80   | U         | 5.80     | 20.0       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.60   | U         | 5.60     | 20.0       | ug/L    |
| 74-88-4                   | Methyl Iodide               | 3.80   | U         | 3.80     | 20.0       | ug/L    |
| 80-62-6                   | Methyl methacrylate         | 4.00   | U         | 4.00     | 20.0       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 31.0   |           | 91 - 110 | 103%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 28.6   |           | 91 - 112 | 95%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 24.7   |           | 63 - 112 | 82%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 29100  | 7.818     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 146000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 134000 | 11.865    |          |            |         |

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