

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-069-IDWGW-20241024			SDG No.:	P4549	
Lab Sample ID:	P4549-04			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
VN084517.D	4		10/25/24 15:39	VN102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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	26.2		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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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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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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.3		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	29.1		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	25.8		63 - 112	86%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	27900	7.812			
540-36-3	1,4-Difluorobenzene	143000	9.1			
3114-55-4	Chlorobenzene-d5	128000	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