

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/28/25
Project:	CTO WE13	Date Received:	01/30/25
Client Sample ID:	BP-VPB-192-GW-360-362MS	SDG No.:	Q1250
Lab Sample ID:	Q1250-07MS	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044889.D	1		02/10/25 18:46	VX021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	46.2		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	45.7		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	47.6		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	52.8		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.0		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	47.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	46.3		0.26	0.75	1.00	ug/L
67-64-1	Acetone	250		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	45.8		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	47.7		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	47.0		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.8		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	47.6		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	250		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	45.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	48.0		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	47.3		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	47.1		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	45.4		0.19	0.50	1.00	ug/L
71-43-2	Benzene	46.4		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	47.6		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	45.6		0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	46.7		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	47.7		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	250		0.75	2.50	5.00	ug/L
108-88-3	Toluene	47.4		0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	47.0		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	47.0		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	48.6		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	260		1.10	2.50	5.00	ug/L

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124-48-1	Dibromochloromethane	47.6		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	45.5		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	46.6		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	47.0		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	93.5		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	46.7		0.14	0.50	1.00	ug/L
100-42-5	Styrene	47.9		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	47.4		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	47.0		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.1		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	46.0		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.2		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	47.5		0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	123000	5.55				
540-36-3	1,4-Difluorobenzene	231000	6.757				
3114-55-4	Chlorobenzene-d5	204000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	88500	12.018				

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