

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	12/19/24	
Project:	CTO WE13			Date Received:	12/20/24	
Client Sample ID:	BP-VPB-190A-GW-745-750MS			SDG No.:	P5374	
Lab Sample ID:	P5374-05MS			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
VX044482.D	1		12/23/24 16:00	VX122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	48.1		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	43.1		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	48.2		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	36.7		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	59.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.5		0.26	0.75	1.00	ug/L
67-64-1	Acetone	170		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	47.5		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	42.2		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	46.8		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.1		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	46.2		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	190		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	51.0		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	47.1		0.25	0.75	1.00	ug/L
67-66-3	Chloroform	44.1		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	46.3		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	53.1		0.19	0.50	1.00	ug/L
71-43-2	Benzene	52.0		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	48.6		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	200	E	0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.0		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	52.3		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	210		0.75	2.50	5.00	ug/L
108-88-3	Toluene	51.9		0.18	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	47.3		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.7		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	51.8		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	210		1.10	2.50	5.00	ug/L

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124-48-1	Dibromochloromethane	49.5		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	53.3		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	51.2		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	51.9		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	51.5		0.14	0.50	1.00	ug/L
100-42-5	Styrene	53.2		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	49.4		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	51.4		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	46.4		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	52.6		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.6		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.8		0.19	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.3	*	81 - 118		79%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		80 - 119		97%	SPK: 50
2037-26-5	Toluene-d8	49.4		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	5.544				
540-36-3	1,4-Difluorobenzene	215000	6.757				
3114-55-4	Chlorobenzene-d5	186000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	87300	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