

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	02/17/25	
Project:	CTO WE13		Date Received:	02/20/25	
Client Sample ID:	BP-VPB-192-GW-825-827		SDG No.:	Q1401	
Lab Sample ID:	Q1401-07		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	10.1	
Sample Wt/Vol:	4.99	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021328.D	1		02/26/25 13:54	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	24.8	U	11.5	24.8	49.6	ug/Kg
75-01-4	Vinyl Chloride	24.8	U	7.60	24.8	49.6	ug/Kg
74-83-9	Bromomethane	39.7	U	10.2	39.7	49.6	ug/Kg
75-00-3	Chloroethane	24.8	U	10.0	24.8	49.6	ug/Kg
75-69-4	Trichlorofluoromethane	39.7	U	9.00	39.7	49.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	24.8	U	10.6	24.8	49.6	ug/Kg
75-35-4	1,1-Dichloroethene	24.8	U	7.70	24.8	49.6	ug/Kg
67-64-1	Acetone	200	U	61.9	200	250	ug/Kg
75-15-0	Carbon Disulfide	39.7	U	12.7	39.7	49.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	24.8	U	6.60	24.8	49.6	ug/Kg
75-09-2	Methylene Chloride	79.4	U	33.8	79.4	99.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	24.8	U	8.30	24.8	49.6	ug/Kg
75-34-3	1,1-Dichloroethane	24.8	U	6.30	24.8	49.6	ug/Kg
78-93-3	2-Butanone	200	U	56.4	200	250	ug/Kg
56-23-5	Carbon Tetrachloride	24.8	U	8.60	24.8	49.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	24.8	U	6.10	24.8	49.6	ug/Kg
67-66-3	Chloroform	39.7	U	6.60	39.7	49.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	24.8	U	7.70	24.8	49.6	ug/Kg
108-87-2	Methylcyclohexane	24.8	U	8.60	24.8	49.6	ug/Kg
71-43-2	Benzene	24.8	U	7.10	24.8	49.6	ug/Kg
107-06-2	1,2-Dichloroethane	24.8	U	6.10	24.8	49.6	ug/Kg
79-01-6	Trichloroethene	24.8	U	7.40	24.8	49.6	ug/Kg
78-87-5	1,2-Dichloropropane	24.8	U	6.50	24.8	49.6	ug/Kg
75-27-4	Bromodichloromethane	24.8	U	5.60	24.8	49.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	120	U	43.2	120	250	ug/Kg
108-88-3	Toluene	24.8	U	6.60	24.8	49.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	24.8	U	6.00	24.8	49.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	24.8	U	5.70	24.8	49.6	ug/Kg
79-00-5	1,1,2-Trichloroethane	24.8	U	8.30	24.8	49.6	ug/Kg
591-78-6	2-Hexanone	120	U	47.5	120	250	ug/Kg

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124-48-1	Dibromochloromethane	24.8	U	6.40	24.8	49.6	ug/Kg
127-18-4	Tetrachloroethene	24.8	U	8.80	24.8	49.6	ug/Kg
108-90-7	Chlorobenzene	24.8	U	7.30	24.8	49.6	ug/Kg
100-41-4	Ethyl Benzene	24.8	U	6.20	24.8	49.6	ug/Kg
179601-23-1	m/p-Xylenes	49.6	U	13.4	49.6	99.2	ug/Kg
95-47-6	o-Xylene	24.8	U	6.90	24.8	49.6	ug/Kg
100-42-5	Styrene	24.8	U	6.00	24.8	49.6	ug/Kg
75-25-2	Bromoform	24.8	U	8.00	24.8	49.6	ug/Kg
98-82-8	Isopropylbenzene	24.8	U	6.60	24.8	49.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	24.8	U	10.9	24.8	49.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	24.8	U	7.30	24.8	49.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	24.8	U	7.90	24.8	49.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	24.8	U	5.90	24.8	49.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.3		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	49.4		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		79 - 119		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	238000	7.707				
540-36-3	1,4-Difluorobenzene	467000	8.616				
3114-55-4	Chlorobenzene-d5	480000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	211000	13.346				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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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