

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	12/17/24	
Project:	CTO WE13			Date Received:	12/17/24	
Client Sample ID:	TT-304-IDWSO-20241217-1			SDG No.:	P5316	
Lab Sample ID:	P5316-01			Matrix:	SOIL	
Analytical Method:	SW8260			% Solid:	68.6	
Sample Wt/Vol:	5.77	Units:	g	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
VY020718.D	1		12/26/24 15:41	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.20	U	0.97	3.20	6.30	ug/Kg
75-35-4	1,1-Dichloroethene	3.20	U	0.99	3.20	6.30	ug/Kg
67-64-1	Acetone	25.3	U	7.90	25.3	31.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.20	U	0.85	3.20	6.30	ug/Kg
75-09-2	Methylene Chloride	10.1	U	4.30	10.1	12.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.20	U	1.10	3.20	6.30	ug/Kg
75-34-3	1,1-Dichloroethane	3.20	U	0.80	3.20	6.30	ug/Kg
78-93-3	2-Butanone	25.3	U	7.20	25.3	31.6	ug/Kg
56-23-5	Carbon Tetrachloride	3.20	U	1.10	3.20	6.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.20	U	0.77	3.20	6.30	ug/Kg
67-66-3	Chloroform	5.10	U	0.85	5.10	6.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.20	U	0.99	3.20	6.30	ug/Kg
71-43-2	Benzene	3.20	U	0.91	3.20	6.30	ug/Kg
107-06-2	1,2-Dichloroethane	3.20	U	0.77	3.20	6.30	ug/Kg
79-01-6	Trichloroethene	3.20	U	0.95	3.20	6.30	ug/Kg
108-88-3	Toluene	3.20	U	0.85	3.20	6.30	ug/Kg
127-18-4	Tetrachloroethene	3.20	U	1.10	3.20	6.30	ug/Kg
108-90-7	Chlorobenzene	3.20	U	0.93	3.20	6.30	ug/Kg
100-41-4	Ethyl Benzene	3.20	U	0.78	3.20	6.30	ug/Kg
1330-20-7	Total Xylenes	9.50	U	2.58	9.50	18.9	ug/Kg
103-65-1	n-propylbenzene	3.20	U	0.81	3.20	6.30	ug/Kg
98-06-6	tert-Butylbenzene	3.20	U	0.85	3.20	6.30	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.20	U	1.70	3.20	6.30	ug/Kg
135-98-8	sec-Butylbenzene	3.20	U	0.85	3.20	6.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.20	U	0.93	3.20	6.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.20	U	1.00	3.20	6.30	ug/Kg
104-51-8	n-Butylbenzene	3.20	U	0.80	3.20	6.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.20	U	0.75	3.20	6.30	ug/Kg
123-91-1	1,4-Dioxane	100	U	53.7	100	130	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.5		71 - 136		117%	SPK: 50

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	52.6		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.7		79 - 119		93%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	93100	7.713				
540-36-3	1,4-Difluorobenzene	143000	8.622				
3114-55-4	Chlorobenzene-d5	120000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	47800	13.352				
TENTATIVE IDENTIFIED COMPOUNDS							
75-15-0	Carbon Disulfide	5.30	J			4.12	ug/Kg

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