

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-20241217-4	SDG No.:	P5316
Lab Sample ID:	P5316-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	72.3
Sample Wt/Vol:	5.56 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
VY020672.D	1		12/20/24 15:44	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.10	U	0.96	3.10	6.20	ug/Kg
75-35-4	1,1-Dichloroethene	3.10	U	0.97	3.10	6.20	ug/Kg
67-64-1	Acetone	24.9	U	7.80	24.9	31.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.10	U	0.83	3.10	6.20	ug/Kg
75-09-2	Methylene Chloride	10.0	U	4.20	10.0	12.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.10	U	1.00	3.10	6.20	ug/Kg
75-34-3	1,1-Dichloroethane	3.10	U	0.78	3.10	6.20	ug/Kg
78-93-3	2-Butanone	24.9	U	7.10	24.9	31.1	ug/Kg
56-23-5	Carbon Tetrachloride	3.10	U	1.10	3.10	6.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.10	U	0.76	3.10	6.20	ug/Kg
67-66-3	Chloroform	5.00	U	0.83	5.00	6.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.10	U	0.97	3.10	6.20	ug/Kg
71-43-2	Benzene	3.10	U	0.90	3.10	6.20	ug/Kg
107-06-2	1,2-Dichloroethane	3.10	U	0.76	3.10	6.20	ug/Kg
79-01-6	Trichloroethene	3.10	U	0.93	3.10	6.20	ug/Kg
108-88-3	Toluene	3.10	U	0.83	3.10	6.20	ug/Kg
127-18-4	Tetrachloroethene	3.10	U	1.10	3.10	6.20	ug/Kg
108-90-7	Chlorobenzene	3.10	U	0.92	3.10	6.20	ug/Kg
100-41-4	Ethyl Benzene	3.10	U	0.77	3.10	6.20	ug/Kg
1330-20-7	Total Xylenes	9.30	U	2.57	9.30	18.6	ug/Kg
103-65-1	n-propylbenzene	3.10	U	0.80	3.10	6.20	ug/Kg
98-06-6	tert-Butylbenzene	3.10	U	0.83	3.10	6.20	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.10	U	1.70	3.10	6.20	ug/Kg
135-98-8	sec-Butylbenzene	3.10	U	0.83	3.10	6.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.10	U	0.92	3.10	6.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.10	U	1.00	3.10	6.20	ug/Kg
104-51-8	n-Butylbenzene	3.10	U	0.78	3.10	6.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.10	U	0.73	3.10	6.20	ug/Kg
123-91-1	1,4-Dioxane	99.5	U	52.9	99.5	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	34.9	*	71 - 136		70%	SPK: 50

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	42.9		78 - 119		86%	SPK: 50
2037-26-5	Toluene-d8	45.2		85 - 116		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.7	*	79 - 119		43%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	21200	7.713				
540-36-3	1,4-Difluorobenzene	29900	8.616				
3114-55-4	Chlorobenzene-d5	18800	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	4330	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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