

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-20241217-2	SDG No.:	P5316
Lab Sample ID:	P5316-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	74.4
Sample Wt/Vol:	6.2 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
VY020720.D	1		12/26/24 16:28	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	2.70	U	0.83	2.70	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	2.70	U	0.85	2.70	5.40	ug/Kg
67-64-1	Acetone	22.8	J	6.80	21.7	27.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.70	U	0.73	2.70	5.40	ug/Kg
75-09-2	Methylene Chloride	14.3		3.70	8.70	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.70	U	0.91	2.70	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	2.70	U	0.68	2.70	5.40	ug/Kg
78-93-3	2-Butanone	21.7	U	6.20	21.7	27.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.70	U	0.94	2.70	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.70	U	0.66	2.70	5.40	ug/Kg
67-66-3	Chloroform	4.30	U	0.73	4.30	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.70	U	0.85	2.70	5.40	ug/Kg
71-43-2	Benzene	2.70	U	0.78	2.70	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	2.70	U	0.66	2.70	5.40	ug/Kg
79-01-6	Trichloroethene	2.70	U	0.81	2.70	5.40	ug/Kg
108-88-3	Toluene	2.70	U	0.73	2.70	5.40	ug/Kg
127-18-4	Tetrachloroethene	2.70	U	0.96	2.70	5.40	ug/Kg
108-90-7	Chlorobenzene	2.70	U	0.80	2.70	5.40	ug/Kg
100-41-4	Ethyl Benzene	2.70	U	0.67	2.70	5.40	ug/Kg
1330-20-7	Total Xylenes	8.10	U	2.26	8.10	16.2	ug/Kg
103-65-1	n-propylbenzene	2.70	U	0.69	2.70	5.40	ug/Kg
98-06-6	tert-Butylbenzene	2.70	U	0.73	2.70	5.40	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.70	U	1.50	2.70	5.40	ug/Kg
135-98-8	sec-Butylbenzene	2.70	U	0.73	2.70	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.70	U	0.80	2.70	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.70	U	0.87	2.70	5.40	ug/Kg
104-51-8	n-Butylbenzene	2.70	U	0.68	2.70	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.70	U	0.64	2.70	5.40	ug/Kg
123-91-1	1,4-Dioxane	86.7	U	46.1	86.7	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.7		71 - 136		117%	SPK: 50

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	55.8		78 - 119		112%	SPK: 50
2037-26-5	Toluene-d8	52.4		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	90600	7.713				
540-36-3	1,4-Difluorobenzene	141000	8.621				
3114-55-4	Chlorobenzene-d5	117000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	47300	13.352				
TENTATIVE IDENTIFIED COMPOUNDS							
75-15-0	Carbon Disulfide	5.00	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