

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:	4.81 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
VY020670.D	1		12/20/24 14:57	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.50	U	1.10	3.50	7.00	ug/Kg
75-35-4	1,1-Dichloroethene	3.50	U	1.10	3.50	7.00	ug/Kg
67-64-1	Acetone	27.9	U	8.70	27.9	34.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.50	U	0.94	3.50	7.00	ug/Kg
75-09-2	Methylene Chloride	4.90	J	4.80	11.2	14.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.50	U	1.20	3.50	7.00	ug/Kg
75-34-3	1,1-Dichloroethane	3.50	U	0.88	3.50	7.00	ug/Kg
78-93-3	2-Butanone	27.9	U	7.90	27.9	34.9	ug/Kg
56-23-5	Carbon Tetrachloride	3.50	U	1.20	3.50	7.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.50	U	0.85	3.50	7.00	ug/Kg
67-66-3	Chloroform	5.60	U	0.94	5.60	7.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.50	U	1.10	3.50	7.00	ug/Kg
71-43-2	Benzene	3.50	U	1.00	3.50	7.00	ug/Kg
107-06-2	1,2-Dichloroethane	3.50	U	0.85	3.50	7.00	ug/Kg
79-01-6	Trichloroethene	3.50	U	1.00	3.50	7.00	ug/Kg
108-88-3	Toluene	3.50	U	0.94	3.50	7.00	ug/Kg
127-18-4	Tetrachloroethene	3.50	U	1.20	3.50	7.00	ug/Kg
108-90-7	Chlorobenzene	3.50	U	1.00	3.50	7.00	ug/Kg
100-41-4	Ethyl Benzene	3.50	U	0.87	3.50	7.00	ug/Kg
1330-20-7	Total Xylenes	10.5	U	2.88	10.5	21.0	ug/Kg
103-65-1	n-propylbenzene	3.50	U	0.89	3.50	7.00	ug/Kg
98-06-6	tert-Butylbenzene	3.50	U	0.94	3.50	7.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.50	U	1.90	3.50	7.00	ug/Kg
135-98-8	sec-Butylbenzene	3.50	U	0.94	3.50	7.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.50	U	1.00	3.50	7.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.50	U	1.10	3.50	7.00	ug/Kg
104-51-8	n-Butylbenzene	3.50	U	0.88	3.50	7.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.50	U	0.82	3.50	7.00	ug/Kg
123-91-1	1,4-Dioxane	110	U	59.4	110	140	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.2		71 - 136		90%	SPK: 50

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	43.8		78 - 119		88%	SPK: 50
2037-26-5	Toluene-d8	49.0		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.0	*	79 - 119		70%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	175000	7.707				
540-36-3	1,4-Difluorobenzene	307000	8.615				
3114-55-4	Chlorobenzene-d5	251000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	92400	13.346				
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