

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	CTO WE13		Date Received:	
Client Sample ID:	VY1220SBL01		SDG No.:	P5316
Lab Sample ID:	VY1220SBL01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	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
VY020665.D	1		12/20/24 11:24	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	2.50	U	0.77	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	0.78	2.50	5.00	ug/Kg
67-64-1	Acetone	20.0	U	6.20	20.0	25.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.67	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	8.00	U	3.40	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.84	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.63	2.50	5.00	ug/Kg
78-93-3	2-Butanone	20.0	U	5.70	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.87	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.61	2.50	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.67	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.78	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.72	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.61	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.75	2.50	5.00	ug/Kg
108-88-3	Toluene	2.50	U	0.67	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	0.89	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.74	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.62	2.50	5.00	ug/Kg
1330-20-7	Total Xylenes	7.50	U	2.10	7.50	15.0	ug/Kg
103-65-1	n-propylbenzene	2.50	U	0.64	2.50	5.00	ug/Kg
98-06-6	tert-Butylbenzene	2.50	U	0.67	2.50	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.50	U	1.40	2.50	5.00	ug/Kg
135-98-8	sec-Butylbenzene	2.50	U	0.67	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	0.74	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	0.80	2.50	5.00	ug/Kg
104-51-8	n-Butylbenzene	2.50	U	0.63	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	0.59	2.50	5.00	ug/Kg
123-91-1	1,4-Dioxane	80.0	U	42.5	80.0	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.1		71 - 136		98%	SPK: 50

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	50.7		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.8		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	159000	7.707				
540-36-3	1,4-Difluorobenzene	246000	8.616				
3114-55-4	Chlorobenzene-d5	208000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	110000	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
001066-40-6	Silanol, trimethyl-	8.80	J			6.88	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