284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	02/19/25
Project:	CTO WE13	Date Received:	02/20/25
Client Sample ID:	BP-VPB-192-GW-880-882	SDG No.:	Q1401
Lab Sample ID:	Q1401-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	5.9
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021330.D	1		02/26/25 14:40	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	42.0	U	19.5	42.0	83.9	ug/Kg
75-01-4	Vinyl Chloride	42.0	U	12.9	42.0	83.9	ug/Kg
74-83-9	Bromomethane	67.1	U	17.3	67.1	83.9	ug/Kg
75-00-3	Chloroethane	42.0	U	16.9	42.0	83.9	ug/Kg
75-69-4	Trichlorofluoromethane	67.1	U	15.3	67.1	83.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	42.0	U	18.0	42.0	83.9	ug/Kg
75-35-4	1,1-Dichloroethene	42.0	U	13.1	42.0	83.9	ug/Kg
67-64-1	Acetone	340	U	100	340	420	ug/Kg
75-15-0	Carbon Disulfide	67.1	U	21.5	67.1	83.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42.0	U	11.2	42.0	83.9	ug/Kg
75-09-2	Methylene Chloride	130	U	57.2	130	170	ug/Kg
156-60-5	trans-1,2-Dichloroethene	42.0	U	14.1	42.0	83.9	ug/Kg
75-34-3	1,1-Dichloroethane	42.0	U	10.6	42.0	83.9	ug/Kg
78-93-3	2-Butanone	340	U	95.3	340	420	ug/Kg
56-23-5	Carbon Tetrachloride	42.0	U	14.6	42.0	83.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	42.0	U	10.2	42.0	83.9	ug/Kg
67-66-3	Chloroform	67.1	U	11.2	67.1	83.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	42.0	U	13.1	42.0	83.9	ug/Kg
108-87-2	Methylcyclohexane	42.0	U	14.6	42.0	83.9	ug/Kg
71-43-2	Benzene	42.0	U	12.1	42.0	83.9	ug/Kg
107-06-2	1,2-Dichloroethane	42.0	U	10.2	42.0	83.9	ug/Kg
79-01-6	Trichloroethene	42.0	U	12.6	42.0	83.9	ug/Kg
78-87-5	1,2-Dichloropropane	42.0	U	11.1	42.0	83.9	ug/Kg
75-27-4	Bromodichloromethane	42.0	U	9.40	42.0	83.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	210	U	73.0	210	420	ug/Kg
108-88-3	Toluene	42.0	U	11.2	42.0	83.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	42.0	U	10.1	42.0	83.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	42.0	U	9.60	42.0	83.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	42.0	U	14.1	42.0	83.9	ug/Kg
591-78-6	2-Hexanone	210	U	80.4	210	420	ug/Kg

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VY021330.D	1		02/26/25 14:40	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	42.0	U	10.9	42.0	83.9	ug/Kg
127-18-4	Tetrachloroethene	42.0	U	14.9	42.0	83.9	ug/Kg
108-90-7	Chlorobenzene	42.0	U	12.4	42.0	83.9	ug/Kg
100-41-4	Ethyl Benzene	42.0	U	10.4	42.0	83.9	ug/Kg
179601-23-1	m/p-Xylenes	83.9	U	22.7	83.9	170	ug/Kg
95-47-6	o-Xylene	42.0	U	11.7	42.0	83.9	ug/Kg
100-42-5	Styrene	42.0	U	10.1	42.0	83.9	ug/Kg
75-25-2	Bromoform	42.0	U	13.6	42.0	83.9	ug/Kg
98-82-8	Isopropylbenzene	42.0	U	11.2	42.0	83.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	42.0	U	18.5	42.0	83.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	42.0	U	12.4	42.0	83.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	42.0	U	13.4	42.0	83.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	42.0	U	9.90	42.0	83.9	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.1		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.4		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		79 - 119		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	241000	7.707				
540-36-3	1,4-Difluorobenzene	471000	8.609				
3114-55-4	Chlorobenzene-d5	480000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	212000	13.346				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	0	U			0	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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