

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	06/11/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	06/13/25	
Client Sample ID:	BP-VPB-182-GW-840-842		SDG No.:	Q2314	
Lab Sample ID:	Q2314-08		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	7.9	
Sample Wt/Vol:	5.06	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
VY022701.D	1		06/16/25 12:09	VY061625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	31.3	U	14.3	31.3	62.5	ug/Kg
75-01-4	Vinyl Chloride	31.3	U	9.90	31.3	62.5	ug/Kg
74-83-9	Bromomethane	50.0	U	13.4	50.0	62.5	ug/Kg
75-00-3	Chloroethane	31.3	U	15.8	31.3	62.5	ug/Kg
75-69-4	Trichlorofluoromethane	50.0	U	15.1	50.0	62.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	31.3	U	13.3	31.3	62.5	ug/Kg
75-35-4	1,1-Dichloroethene	31.3	U	12.5	31.3	62.5	ug/Kg
67-64-1	Acetone	140	J	59.3	250	310	ug/Kg
75-15-0	Carbon Disulfide	50.0	U	13.3	50.0	62.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	31.3	U	9.10	31.3	62.5	ug/Kg
75-09-2	Methylene Chloride	75.2	J	44.2	100	130	ug/Kg
156-60-5	trans-1,2-Dichloroethene	31.3	U	10.8	31.3	62.5	ug/Kg
75-34-3	1,1-Dichloroethane	31.3	U	10.0	31.3	62.5	ug/Kg
78-93-3	2-Butanone	250	U	81.8	250	310	ug/Kg
56-23-5	Carbon Tetrachloride	31.3	U	12.1	31.3	62.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	31.3	U	9.40	31.3	62.5	ug/Kg
67-66-3	Chloroform	50.0	U	10.5	50.0	62.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	31.3	U	11.6	31.3	62.5	ug/Kg
108-87-2	Methylcyclohexane	31.3	U	11.4	31.3	62.5	ug/Kg
71-43-2	Benzene	31.3	U	9.90	31.3	62.5	ug/Kg
107-06-2	1,2-Dichloroethane	31.3	U	9.90	31.3	62.5	ug/Kg
79-01-6	Trichloroethene	31.3	U	10.1	31.3	62.5	ug/Kg
78-87-5	1,2-Dichloropropane	31.3	U	11.4	31.3	62.5	ug/Kg
75-27-4	Bromodichloromethane	31.3	U	9.80	31.3	62.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	160	U	44.8	160	310	ug/Kg
108-88-3	Toluene	31.3	U	9.80	31.3	62.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	31.3	U	8.10	31.3	62.5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	31.3	U	7.80	31.3	62.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	31.3	U	11.5	31.3	62.5	ug/Kg
591-78-6	2-Hexanone	160	U	46.2	160	310	ug/Kg

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124-48-1	Dibromochloromethane	31.3	U	10.9	31.3	62.5	ug/Kg
127-18-4	Tetrachloroethene	31.3	U	13.1	31.3	62.5	ug/Kg
108-90-7	Chlorobenzene	31.3	U	11.4	31.3	62.5	ug/Kg
100-41-4	Ethyl Benzene	31.3	U	8.40	31.3	62.5	ug/Kg
179601-23-1	m/p-Xylenes	62.5	U	15.5	62.5	130	ug/Kg
95-47-6	o-Xylene	31.3	U	10.3	31.3	62.5	ug/Kg
100-42-5	Styrene	31.3	U	8.90	31.3	62.5	ug/Kg
75-25-2	Bromoform	31.3	U	10.8	31.3	62.5	ug/Kg
98-82-8	Isopropylbenzene	31.3	U	9.80	31.3	62.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	31.3	U	15.1	31.3	62.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	31.3	U	21.4	31.3	62.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	31.3	U	19.5	31.3	62.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	31.3	U	18.1	31.3	62.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.1		71 - 136		110%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	50.8		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	112000	7.707				
540-36-3	1,4-Difluorobenzene	203000	8.616				
3114-55-4	Chlorobenzene-d5	173000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	65300	13.346				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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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