

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	05/27/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	05/29/25	
Client Sample ID:	BP-VPB-182-GW-580-582			SDG No.:	Q2162	
Lab Sample ID:	Q2162-01			Matrix:	SOIL	
Analytical Method:	8260D			% Solid:	9.3	
Sample Wt/Vol:	4.36	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
VY022524.D	1		06/03/25 15:48	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	30.8	U	14.1	30.8	61.7	ug/Kg
75-01-4	Vinyl Chloride	30.8	U	9.70	30.8	61.7	ug/Kg
74-83-9	Bromomethane	49.3	U	13.2	49.3	61.7	ug/Kg
75-00-3	Chloroethane	30.8	U	15.5	30.8	61.7	ug/Kg
75-69-4	Trichlorofluoromethane	49.3	U	14.9	49.3	61.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	30.8	U	13.1	30.8	61.7	ug/Kg
75-35-4	1,1-Dichloroethene	30.8	U	12.3	30.8	61.7	ug/Kg
67-64-1	Acetone	250	U	58.4	250	310	ug/Kg
75-15-0	Carbon Disulfide	49.3	U	13.1	49.3	61.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	30.8	U	9.00	30.8	61.7	ug/Kg
75-09-2	Methylene Chloride	98.6	U	43.5	98.6	120	ug/Kg
156-60-5	trans-1,2-Dichloroethene	30.8	U	10.6	30.8	61.7	ug/Kg
75-34-3	1,1-Dichloroethane	30.8	U	9.90	30.8	61.7	ug/Kg
78-93-3	2-Butanone	250	U	80.6	250	310	ug/Kg
56-23-5	Carbon Tetrachloride	30.8	U	12.0	30.8	61.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	30.8	U	9.20	30.8	61.7	ug/Kg
67-66-3	Chloroform	49.3	U	10.4	49.3	61.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	30.8	U	11.5	30.8	61.7	ug/Kg
108-87-2	Methylcyclohexane	30.8	U	11.2	30.8	61.7	ug/Kg
71-43-2	Benzene	30.8	U	9.70	30.8	61.7	ug/Kg
107-06-2	1,2-Dichloroethane	30.8	U	9.70	30.8	61.7	ug/Kg
79-01-6	Trichloroethene	30.8	U	10.0	30.8	61.7	ug/Kg
78-87-5	1,2-Dichloropropane	30.8	U	11.2	30.8	61.7	ug/Kg
75-27-4	Bromodichloromethane	30.8	U	9.60	30.8	61.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	44.1	150	310	ug/Kg
108-88-3	Toluene	30.8	U	9.60	30.8	61.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	30.8	U	8.00	30.8	61.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	30.8	U	7.60	30.8	61.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	30.8	U	11.3	30.8	61.7	ug/Kg
591-78-6	2-Hexanone	150	U	45.5	150	310	ug/Kg

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124-48-1	Dibromochloromethane	30.8	U	10.7	30.8	61.7	ug/Kg
127-18-4	Tetrachloroethene	30.8	U	12.9	30.8	61.7	ug/Kg
108-90-7	Chlorobenzene	30.8	U	11.2	30.8	61.7	ug/Kg
100-41-4	Ethyl Benzene	30.8	U	8.30	30.8	61.7	ug/Kg
179601-23-1	m/p-Xylenes	61.7	U	15.3	61.7	120	ug/Kg
95-47-6	o-Xylene	30.8	U	10.1	30.8	61.7	ug/Kg
100-42-5	Styrene	30.8	U	8.80	30.8	61.7	ug/Kg
75-25-2	Bromoform	30.8	U	10.6	30.8	61.7	ug/Kg
98-82-8	Isopropylbenzene	30.8	U	9.60	30.8	61.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	30.8	U	14.9	30.8	61.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	30.8	U	21.1	30.8	61.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	30.8	U	19.2	30.8	61.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	30.8	U	17.9	30.8	61.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.0		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.9		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	263000	7.707				
540-36-3	1,4-Difluorobenzene	483000	8.61				
3114-55-4	Chlorobenzene-d5	395000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	147000	13.347				
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