

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	01/07/25		
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	01/09/25		
Client Sample ID:	BP-VPB-190A-GW-898-900			SDG No.:	Q1062		
Lab Sample ID:	Q1062-04			Matrix:	Water		
Analytical Method:	SW8260			% Solid:	0		
Sample Wt/Vol:	5	Units:	mL	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
VN085452.D	10		01/15/25 11:26	VN011525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	5.00	U	3.50	5.00	10.0	ug/L
75-01-4	Vinyl Chloride	7.50	U	3.40	7.50	10.0	ug/L
74-83-9	Bromomethane	37.5	U	13.6	37.5	50.0	ug/L
75-00-3	Chloroethane	7.50	U	5.60	7.50	10.0	ug/L
75-69-4	Trichlorofluoromethane	5.00	U	3.40	5.00	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	2.50	5.00	10.0	ug/L
75-35-4	1,1-Dichloroethene	7.50	U	2.60	7.50	10.0	ug/L
67-64-1	Acetone	37.5	U	13.9	37.5	50.0	ug/L
75-15-0	Carbon Disulfide	7.50	U	3.20	7.50	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	U	1.60	5.00	10.0	ug/L
75-09-2	Methylene Chloride	5.00	U	3.20	5.00	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	2.50	5.00	10.0	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	2.30	5.00	10.0	ug/L
78-93-3	2-Butanone	25.0	U	13.0	25.0	50.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	2.50	5.00	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	7.50	U	2.50	7.50	10.0	ug/L
67-66-3	Chloroform	5.00	U	2.60	5.00	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	1.90	5.00	10.0	ug/L
108-87-2	Methylcyclohexane	5.00	U	1.90	5.00	10.0	ug/L
71-43-2	Benzene	5.00	U	1.60	5.00	10.0	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	2.40	5.00	10.0	ug/L
79-01-6	Trichloroethene	7.50	U	3.20	7.50	10.0	ug/L
78-87-5	1,2-Dichloropropane	5.00	U	1.90	5.00	10.0	ug/L
75-27-4	Bromodichloromethane	5.00	U	2.40	5.00	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	U	7.50	25.0	50.0	ug/L
108-88-3	Toluene	5.00	U	1.80	5.00	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	5.00	U	2.10	5.00	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	1.80	5.00	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	2.10	5.00	10.0	ug/L
591-78-6	2-Hexanone	25.0	U	11.3	25.0	50.0	ug/L

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124-48-1	Dibromochloromethane	5.00	U	1.80	5.00	10.0	ug/L
127-18-4	Tetrachloroethene	5.00	U	2.50	5.00	10.0	ug/L
108-90-7	Chlorobenzene	5.00	U	1.30	5.00	10.0	ug/L
100-41-4	Ethyl Benzene	5.00	U	1.60	5.00	10.0	ug/L
179601-23-1	m/p-Xylenes	10.0	U	3.10	10.0	20.0	ug/L
95-47-6	o-Xylene	5.00	U	1.40	5.00	10.0	ug/L
100-42-5	Styrene	5.00	U	1.60	5.00	10.0	ug/L
75-25-2	Bromoform	5.00	U	2.10	5.00	10.0	ug/L
98-82-8	Isopropylbenzene	5.00	U	1.30	5.00	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	2.70	5.00	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	U	2.40	5.00	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	U	2.70	5.00	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	U	1.90	5.00	10.0	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.8		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		85 - 114		93%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	175000	8.218				
540-36-3	1,4-Difluorobenzene	316000	9.1				
3114-55-4	Chlorobenzene-d5	274000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	108000	13.788				
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