

Report of Analysis

Client:	Tetra Tech NUS, Inc.			Date Collected:	05/19/25	
Project:	NWIRP Bethpage 112G08005-WE13			Date Received:	05/19/25	
Client Sample ID:	BP-VPB-182-GW-400-402MSD			SDG No.:	Q2082	
Lab Sample ID:	Q2082-11MSD			Matrix:	Water	
Analytical Method:	8260D			% Solid:	0	
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID :	0.18	Level :	LOW	
Prep Method :						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046308.D	1		05/21/25 19:21	VX052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	52.6		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	50.7		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	51.2		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	55.1		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	52.4		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	45.7		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	52.0		0.23	0.75	1.00	ug/L
67-64-1	Acetone	280		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	49.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.9		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	51.1		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	52.5		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	55.7		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	290		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	51.4		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	54.4		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	55.5		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	55.0		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	43.2		0.16	0.50	1.00	ug/L
71-43-2	Benzene	52.4		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	52.6		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	51.2		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	53.2		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	54.6		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	290		0.68	2.50	5.00	ug/L
108-88-3	Toluene	52.8		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	53.0		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	53.1		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	54.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	290		0.89	2.50	5.00	ug/L

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VX046308.D	1		05/21/25 19:21	VX052125

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124-48-1	Dibromochloromethane	55.9		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	49.5		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	52.2		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	53.5		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	54.3		0.12	0.50	1.00	ug/L
100-42-5	Styrene	52.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	54.1		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	54.4		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.2		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	52.3		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.1		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.1		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.6		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	79900	5.55				
540-36-3	1,4-Difluorobenzene	146000	6.757				
3114-55-4	Chlorobenzene-d5	127000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	59600	12.018				

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