

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MS	SDG No.:	Q1985
Lab Sample ID:	Q1993-02MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142388.D	1	05/12/25 08:40	05/15/25 12:18	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	33.4		3.90	8.00	10.0	ug/L
108-95-2	Phenol	17.3		0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	34.1		0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	37.9		0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	31.6		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.8		1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	42.8		0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	28.4		1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.7		1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	33.9		0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	46.1		0.76	4.00	5.00	ug/L
78-59-1	Isophorone	43.9		0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	51.3		1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	40.9		1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.7		0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.9		0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	40.6		0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	18.8		0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.9		0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.70	J	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.9		0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.6		0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	84.3	E	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.2		0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.6		0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	43.7		0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	50.5		1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	46.3		0.61	4.00	5.00	ug/L

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208-96-8	Acenaphthylene	43.4		0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	54.9		0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	48.1		0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	36.2		2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	43.1		0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	55.9		1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	69.8		0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.5		0.68	4.00	5.00	ug/L
86-73-7	Fluorene	42.5		0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	48.8		1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	58.2		2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.0		0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	49.7		0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	45.2		1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	44.7		0.50	4.00	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	4.00	5.00	ug/L
86-74-8	Carbazole	40.4		0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.4		1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	39.8		0.82	4.00	5.00	ug/L
129-00-0	Pyrene	39.4		0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.6		1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	41.2		0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.45	4.00	5.00	ug/L
218-01-9	Chrysene	45.6		0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.7		1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	55.5		2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.4		0.49	4.00	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	46.4		0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.8		0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.3		0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	39.9		0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	37.7		0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.5		0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	17.3		1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.8		19 - 119		43%	SPK: 150
13127-88-3	Phenol-d6	41.3		10 - 130		28%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.9		44 - 120		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.0		44 - 119		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		43 - 140		92%	SPK: 150
1718-51-0	Terphenyl-d14	68.2		50 - 134		68%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173000	6.904				
1146-65-2	Naphthalene-d8	662000	8.187				
15067-26-2	Acenaphthene-d10	349000	9.939				
1517-22-2	Phenanthrene-d10	538000	11.428				
1719-03-5	Chrysene-d12	310000	14.069				
1520-96-3	Perylene-d12	368000	15.557				

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