

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-3-20250508MSD		SDG No.:	Q1985	
Lab Sample ID:	Q1993-03MSD		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
BF142389.D	1	05/12/25 08:40	05/15/25 12:47	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	35.6		3.90	8.00	10.0	ug/L
108-95-2	Phenol	18.2		0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	35.8		0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	39.7		0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	34.1		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	45.0		0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.0		1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.8		1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	36.3		0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	48.4		0.76	4.00	5.00	ug/L
78-59-1	Isophorone	46.8		0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	55.7		1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	43.3		1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.9		0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.9		0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	43.3		0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	19.4		0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.6		0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	9.60	J	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.6		0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	85.8	E	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	53.2		0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	48.5		0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	45.0		0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.0		0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	48.3		0.61	4.00	5.00	ug/L

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208-96-8	Acenaphthylene	45.0		0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	56.8		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	50.9		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	37.9		2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	44.7		0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	58.4		1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	72.5		0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.2		0.68	4.00	5.00	ug/L
86-73-7	Fluorene	44.2		0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	51.9		1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	62.4		2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	50.3		0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	52.6		0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	52.2		0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	49.0		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	46.9		0.50	4.00	5.00	ug/L
120-12-7	Anthracene	46.4		0.61	4.00	5.00	ug/L
86-74-8	Carbazole	42.9		0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.2		1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	42.6		0.82	4.00	5.00	ug/L
129-00-0	Pyrene	42.7		0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	58.8		1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	42.8		0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.45	4.00	5.00	ug/L
218-01-9	Chrysene	48.5		0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	60.9		1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	57.3		2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		0.49	4.00	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	48.5		0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.3		0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8		0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.4		0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	37.8		0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9		0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	18.2		1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.9		0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.2		19 - 119		45%	SPK: 150
13127-88-3	Phenol-d6	43.9		10 - 130		29%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.4		44 - 120		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		44 - 119		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		43 - 140		96%	SPK: 150
1718-51-0	Terphenyl-d14	73.5		50 - 134		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173000	6.904				
1146-65-2	Naphthalene-d8	662000	8.186				
15067-26-2	Acenaphthene-d10	357000	9.939				
1517-22-2	Phenanthrene-d10	547000	11.427				
1719-03-5	Chrysene-d12	314000	14.068				
1520-96-3	Perylene-d12	374000	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