284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB166117BS	SDG No.:	Q1122
Lab Sample ID:	PB166117BS	Matrix:	Water
Analytical Method:	SW8270	% 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
BF141218.D	1	01/17/25 11:40	01/20/25 13:15	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.30	J	4.00	8.00	10.0	ug/L
108-95-2	Phenol	48.5		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.2		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	51.1		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	50.7		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.1		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	47.8		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	48.4		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.2		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	48.5		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	45.7		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	49.4		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	51.8		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	58.3		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	50.3		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	47.4		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	18.2		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.2		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	47.5		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	49.8		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.3		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.2		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	48.8		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	47.0		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	49.2		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	50.0		0.93	4.00	5.00	ug/L

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Lab Sample ID:	PB166117BS	Matrix:	Water
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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
BF141218.D	1	01/17/25 11:40	01/20/25 13:15	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	51.3		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	48.7		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	30.0		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	55.1		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	48.8		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	51.6		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	49.5		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.0		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	49.0		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	49.6		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.4		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	50.4		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	50.9		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	51.4		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	64.3		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	51.6		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	53.6		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	51.3		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	52.2		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	53.3		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	46.0		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	53.8		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	29.2		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.4		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	49.7		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.2		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	53.3		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	54.7		1.10	4.00	5.00	ug/L

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Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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BF141218.D	1	01/17/25 11:40	01/20/25 13:15	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	49.8		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	55.2		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.4		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.8		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.3		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	41.3		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.8		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136		19 - 119		91%	SPK: 150
13127-88-3	Phenol-d6	135		10 - 130		90%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.7		44 - 120		95%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.4		44 - 119		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		43 - 140		105%	SPK: 150
1718-51-0	Terphenyl-d14	96.5		50 - 134		97%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162000	6.81				
1146-65-2	Naphthalene-d8	656000	8.092				
15067-26-2	Acenaphthene-d10	349000	9.845				
1517-22-2	Phenanthrene-d10	597000	11.333				
1719-03-5	Chrysene-d12	392000	13.974				
1520-96-3	Perylene-d12	342000	15.427				

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