

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	07/18/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	07/18/25	
Client Sample ID:	WC-3MS		SDG No.:	Q2645	
Lab Sample ID:	Q2649-09MS		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	80.9	
Sample Wt/Vol:	50.02	Units: g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143219.D	1	07/22/25 10:05	07/23/25 18:56	PB168948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	770		120	200	240	ug/Kg
108-95-2	Phenol	1000		16.4	96.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		18.0	96.4	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	96.4	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.2	96.4	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27.8	96.4	130	ug/Kg
98-86-2	Acetophenone	1000		21.9	96.4	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.5	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		35.1	59.3	59.3	ug/Kg
67-72-1	Hexachloroethane	1100		13.0	96.4	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	96.4	130	ug/Kg
78-59-1	Isophorone	1000		24.3	96.4	130	ug/Kg
88-75-5	2-Nitrophenol	1200		43.1	96.4	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		48.0	96.4	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		22.8	96.4	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		21.0	96.4	130	ug/Kg
91-20-3	Naphthalene	1000		16.8	96.4	130	ug/Kg
106-47-8	4-Chloroaniline	160		26.2	96.4	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.8	96.4	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	96.4	130	ug/Kg
91-57-6	2-Methylnaphthalene	1100		19.0	96.4	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	86.0	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		14.7	96.4	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		21.6	96.4	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.2	96.4	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	96.4	130	ug/Kg
88-74-4	2-Nitroaniline	1100		35.7	96.4	130	ug/Kg
131-11-3	Dimethylphthalate	1100		20.1	96.4	130	ug/Kg

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208-96-8	Acenaphthylene	1100		21.4	96.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		24.9	96.4	130	ug/Kg
99-09-2	3-Nitroaniline	540		34.1	96.4	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	96.4	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	200	240	ug/Kg
100-02-7	4-Nitrophenol	2300	E	79.3	200	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	96.4	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	96.4	130	ug/Kg
84-66-2	Diethylphthalate	1100		21.0	96.4	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	96.4	130	ug/Kg
86-73-7	Fluorene	1100		18.8	96.4	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.6	96.4	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		76.4	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		24.4	96.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		20.6	96.4	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.8	96.4	130	ug/Kg
1912-24-9	Atrazine	1200		25.2	96.4	130	ug/Kg
87-86-5	Pentachlorophenol	1600		38.0	200	240	ug/Kg
85-01-8	Phenanthrene	1000		15.5	96.4	130	ug/Kg
120-12-7	Anthracene	1000		24.7	96.4	130	ug/Kg
86-74-8	Carbazole	1100		23.1	96.4	130	ug/Kg
84-74-2	Di-n-butylphthalate	1200		35.5	96.4	130	ug/Kg
206-44-0	Fluoranthene	1100		22.2	96.4	130	ug/Kg
129-00-0	Pyrene	1100		26.7	96.4	130	ug/Kg
85-68-7	Butylbenzylphthalate	1400		52.9	96.4	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370		27.2	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.1	96.4	130	ug/Kg
218-01-9	Chrysene	1100		14.8	96.4	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		43.9	96.4	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		64.4	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		14.1	96.4	130	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100		16.6	96.4	130	ug/Kg
50-32-8	Benzo(a)pyrene	1100		21.9	96.4	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	96.4	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	96.4	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.1	96.4	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	96.4	130	ug/Kg
123-91-1	1,4-Dioxane	920		33.5	96.4	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		20.3	96.4	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.7		35 - 115		54%	SPK: 150
13127-88-3	Phenol-d6	89.3		34 - 127		60%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.8		37 - 122		59%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.3		44 - 115		54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.4		39 - 132		62%	SPK: 150
1718-51-0	Terphenyl-d14	56.4		54 - 127		56%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129000	6.963				
1146-65-2	Naphthalene-d8	501000	8.245				
15067-26-2	Acenaphthene-d10	258000	9.998				
1517-22-2	Phenanthrene-d10	430000	11.486				
1719-03-5	Chrysene-d12	253000	14.121				
1520-96-3	Perylene-d12	273000	15.627				

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