

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	
Client Sample ID:	PB166035BL		SDG No.:	Q1069
Lab Sample ID:	PB166035BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.03	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
BF141169.D	1	01/13/25 08:54	01/15/25 12:11	PB166035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	270	U	180	270	330	ug/Kg
108-95-2	Phenol	130	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	U	83.4	130	170	ug/Kg
95-48-7	2-Methylphenol	130	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	130	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	130	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	130	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	130	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	130	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	75.4	130	170	ug/Kg
91-20-3	Naphthalene	130	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	83.2	130	170	ug/Kg
105-60-2	Caprolactam	270	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	130	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	130	U	81.6	130	170	ug/Kg

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208-96-8	Acenaphthylene	130	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	130	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	130	U	81.0	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	270	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	130	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	130	U	80.0	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	130	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	130	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	81.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	130	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	130	U	91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	270	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	130	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	130	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	130	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	130	U	81.6	130	170	ug/Kg
129-00-0	Pyrene	130	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	130	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	270	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	81.0	130	170	ug/Kg

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50-32-8	Benzo(a)pyrene	130	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	78.0	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	80.0	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	130	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	74.6	130	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	137		35 - 115		92%	SPK: 150
13127-88-3	Phenol-d6	136		34 - 127		90%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.4		37 - 122		96%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.6		44 - 115		98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		39 - 132		102%	SPK: 150
1718-51-0	Terphenyl-d14	82.6		54 - 127		83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	137000	6.816
1146-65-2	Naphthalene-d8	539000	8.098
15067-26-2	Acenaphthene-d10	277000	9.857
1517-22-2	Phenanthrene-d10	476000	11.339
1719-03-5	Chrysene-d12	382000	13.98
1520-96-3	Perylene-d12	303000	15.439

TENTATIVE IDENTIFIED COMPOUNDS

004744-10-9	Propane, 1,1-dimethoxy-	110	J		2.23	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A		5.05	ug/Kg

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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