

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	
Project:	R37092		Date Received:	
Client Sample ID:	PB170916BS		SDG No.:	Q3839
Lab Sample ID:	PB170916BS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	640		1	160	330	ug/Kg	12/12/25 17:36	PB170916
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	12/12/25 17:36	PB170916
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	12/12/25 17:36	PB170916
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/12/25 17:36	PB170916
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	12/12/25 17:36	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	12/12/25 17:36	PB170916
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/12/25 17:36	PB170916
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	12/12/25 17:36	PB170916
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	12/12/25 17:36	PB170916
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/12/25 17:36	PB170916
98-95-3	Nitrobenzene	1500		1	18.3	170	ug/Kg	12/12/25 17:36	PB170916
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	12/12/25 17:36	PB170916
88-75-5	2-Nitrophenol	1600		1	58.1	170	ug/Kg	12/12/25 17:36	PB170916
105-67-9	2,4-Dimethylphenol	1400		1	64.7	170	ug/Kg	12/12/25 17:36	PB170916
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	12/12/25 17:36	PB170916
120-83-2	2,4-Dichlorophenol	1500		1	28.3	170	ug/Kg	12/12/25 17:36	PB170916
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	12/12/25 17:36	PB170916
106-47-8	4-Chloroaniline	710		1	35.4	170	ug/Kg	12/12/25 17:36	PB170916
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	12/12/25 17:36	PB170916
105-60-2	Caprolactam	1600		1	52.0	330	ug/Kg	12/12/25 17:36	PB170916
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	12/12/25 17:36	PB170916
91-57-6	2-Methylnaphthalene	1200		1	25.6	170	ug/Kg	12/12/25 17:36	PB170916
77-47-4	Hexachlorocyclopentadiene	2200		1	120	330	ug/Kg	12/12/25 17:36	PB170916
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	12/12/25 17:36	PB170916
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	12/12/25 17:36	PB170916
92-52-4	1,1-Biphenyl	1500		1	21.8	170	ug/Kg	12/12/25 17:36	PB170916
91-58-7	2-Chloronaphthalene	1300		1	22.5	170	ug/Kg	12/12/25 17:36	PB170916
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	12/12/25 17:36	PB170916
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	12/12/25 17:36	PB170916
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	12/12/25 17:36	PB170916
606-20-2	2,6-Dinitrotoluene	1700		1	33.6	170	ug/Kg	12/12/25 17:36	PB170916
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	12/12/25 17:36	PB170916
83-32-9	Acenaphthene	1500		1	21.3	170	ug/Kg	12/12/25 17:36	PB170916
51-28-5	2,4-Dinitrophenol	2800	E	1	230	330	ug/Kg	12/12/25 17:36	PB170916
100-02-7	4-Nitrophenol	2900	E	1	110	330	ug/Kg	12/12/25 17:36	PB170916
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	12/12/25 17:36	PB170916
121-14-2	2,4-Dinitrotoluene	1600		1	50.0	170	ug/Kg	12/12/25 17:36	PB170916
84-66-2	Diethylphthalate	1400		1	28.3	170	ug/Kg	12/12/25 17:36	PB170916
7005-72-3	4-Chlorophenyl-phenylether	1300		1	26.7	170	ug/Kg	12/12/25 17:36	PB170916
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/12/25 17:36	PB170916
100-01-6	4-Nitroaniline	1300		1	64.1	170	ug/Kg	12/12/25 17:36	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	12/12/25 17:36	PB170916

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Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1400		1	32.9	170	ug/Kg	12/12/25 17:36	PB170916
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	12/12/25 17:36	PB170916
118-74-1	Hexachlorobenzene	1400		1	25.3	170	ug/Kg	12/12/25 17:36	PB170916
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	12/12/25 17:36	PB170916
87-86-5	Pentachlorophenol	2900	E	1	51.2	330	ug/Kg	12/12/25 17:36	PB170916
85-01-8	Phenanthrene	1300		1	20.9	170	ug/Kg	12/12/25 17:36	PB170916
120-12-7	Anthracene	1300		1	33.3	170	ug/Kg	12/12/25 17:36	PB170916
86-74-8	Carbazole	1300		1	31.2	170	ug/Kg	12/12/25 17:36	PB170916
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	12/12/25 17:36	PB170916
206-44-0	Fluoranthene	1300		1	30.0	170	ug/Kg	12/12/25 17:36	PB170916
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	12/12/25 17:36	PB170916
85-68-7	Butylbenzylphthalate	1500		1	71.3	170	ug/Kg	12/12/25 17:36	PB170916
91-94-1	3,3-Dichlorobenzidine	1300		1	36.7	330	ug/Kg	12/12/25 17:36	PB170916
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/12/25 17:36	PB170916
218-01-9	Chrysene	1300		1	19.9	170	ug/Kg	12/12/25 17:36	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	170	ug/Kg	12/12/25 17:36	PB170916
117-84-0	Di-n-octyl phthalate	1700		1	86.7	330	ug/Kg	12/12/25 17:36	PB170916
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	12/12/25 17:36	PB170916
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	12/12/25 17:36	PB170916
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/12/25 17:36	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	12/12/25 17:36	PB170916
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	12/12/25 17:36	PB170916
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	170	ug/Kg	12/12/25 17:36	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		1	25.6	170	ug/Kg	12/12/25 17:36	PB170916
123-91-1	1,4-Dioxane	1200		1	45.2	170	ug/Kg	12/12/25 17:36	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	1700		1	27.4	170	ug/Kg	12/12/25 17:36	PB170916

SURROGATES

367-12-4	2-Fluorophenol	113			10 - 105	75%	SPK: 150
13127-88-3	Phenol-d6	114			10 - 103	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.8			10 - 108	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.8			10 - 108	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132			10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	78.1			10 - 109	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	216000
1146-65-2	Naphthalene-d8	872000
15067-26-2	Acenaphthene-d10	472000
1517-22-2	Phenanthrene-d10	766000
1719-03-5	Chrysene-d12	438000
1520-96-3	Perylene-d12	454000

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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