

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0B11		SDG No.:	Q3839
Lab Sample ID:	Q3839-17		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	37.1
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	420	U	1	420	890	ug/Kg	12/12/25 21:32	PB170916
108-95-2	Phenol	59.5	U	1	59.5	460	ug/Kg	12/12/25 21:32	PB170916
111-44-4	bis(2-Chloroethyl)ether	65.4	U	1	65.4	460	ug/Kg	12/12/25 21:32	PB170916
95-57-8	2-Chlorophenol	65.7	U	1	65.7	460	ug/Kg	12/12/25 21:32	PB170916
95-48-7	2-Methylphenol	80.5	U	1	80.5	460	ug/Kg	12/12/25 21:32	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	1	100	460	ug/Kg	12/12/25 21:32	PB170916
98-86-2	Acetophenone	79.4	U	1	79.4	460	ug/Kg	12/12/25 21:32	PB170916
65794-96-9	3+4-Methylphenols	110	U	1	110	890	ug/Kg	12/12/25 21:32	PB170916
621-64-7	n-Nitroso-di-n-propylamine	130	U	1	130	220	ug/Kg	12/12/25 21:32	PB170916
67-72-1	Hexachloroethane	47.4	U	1	47.4	460	ug/Kg	12/12/25 21:32	PB170916
98-95-3	Nitrobenzene	49.3	U	1	49.3	460	ug/Kg	12/12/25 21:32	PB170916
78-59-1	Isophorone	88.3	U	1	88.3	460	ug/Kg	12/12/25 21:32	PB170916
88-75-5	2-Nitrophenol	160	U	1	160	460	ug/Kg	12/12/25 21:32	PB170916
105-67-9	2,4-Dimethylphenol	170	U	1	170	460	ug/Kg	12/12/25 21:32	PB170916
111-91-1	bis(2-Chloroethoxy)methane	82.9	U	1	82.9	460	ug/Kg	12/12/25 21:32	PB170916
120-83-2	2,4-Dichlorophenol	76.2	U	1	76.2	460	ug/Kg	12/12/25 21:32	PB170916
91-20-3	Naphthalene	61.1	U	1	61.1	460	ug/Kg	12/12/25 21:32	PB170916
106-47-8	4-Chloroaniline	95.3	U	1	95.3	460	ug/Kg	12/12/25 21:32	PB170916
87-68-3	Hexachlorobutadiene	68.1	U	1	68.1	460	ug/Kg	12/12/25 21:32	PB170916
105-60-2	Caprolactam	140	U	1	140	890	ug/Kg	12/12/25 21:32	PB170916
59-50-7	4-Chloro-3-methylphenol	77.3	U	1	77.3	460	ug/Kg	12/12/25 21:32	PB170916
91-57-6	2-Methylnaphthalene	68.9	U	1	68.9	460	ug/Kg	12/12/25 21:32	PB170916
77-47-4	Hexachlorocyclopentadiene	310	U	1	310	890	ug/Kg	12/12/25 21:32	PB170916
88-06-2	2,4,6-Trichlorophenol	53.3	U	1	53.3	460	ug/Kg	12/12/25 21:32	PB170916
95-95-4	2,4,5-Trichlorophenol	78.4	U	1	78.4	460	ug/Kg	12/12/25 21:32	PB170916
92-52-4	1,1-Biphenyl	58.7	U	1	58.7	460	ug/Kg	12/12/25 21:32	PB170916
91-58-7	2-Chloronaphthalene	60.6	U	1	60.6	460	ug/Kg	12/12/25 21:32	PB170916
88-74-4	2-Nitroaniline	130	U	1	130	460	ug/Kg	12/12/25 21:32	PB170916
131-11-3	Dimethylphthalate	73.0	U	1	73.0	460	ug/Kg	12/12/25 21:32	PB170916
208-96-8	Acenaphthylene	77.8	U	1	77.8	460	ug/Kg	12/12/25 21:32	PB170916
606-20-2	2,6-Dinitrotoluene	90.5	U	1	90.5	460	ug/Kg	12/12/25 21:32	PB170916
99-09-2	3-Nitroaniline	120	U	1	120	460	ug/Kg	12/12/25 21:32	PB170916
83-32-9	Acenaphthene	57.4	U	1	57.4	460	ug/Kg	12/12/25 21:32	PB170916
51-28-5	2,4-Dinitrophenol	620	U	1	620	890	ug/Kg	12/12/25 21:32	PB170916
100-02-7	4-Nitrophenol	290	U	1	290	890	ug/Kg	12/12/25 21:32	PB170916
132-64-9	Dibenzofuran	61.1	U	1	61.1	460	ug/Kg	12/12/25 21:32	PB170916
121-14-2	2,4-Dinitrotoluene	130	U	1	130	460	ug/Kg	12/12/25 21:32	PB170916
84-66-2	Diethylphthalate	76.2	U	1	76.2	460	ug/Kg	12/12/25 21:32	PB170916
7005-72-3	4-Chlorophenyl-phenylether	71.9	U	1	71.9	460	ug/Kg	12/12/25 21:32	PB170916
86-73-7	Fluorene	68.1	U	1	68.1	460	ug/Kg	12/12/25 21:32	PB170916
100-01-6	4-Nitroaniline	170	U	1	170	460	ug/Kg	12/12/25 21:32	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	280	U	1	280	890	ug/Kg	12/12/25 21:32	PB170916

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Lab Sample ID:	Q3839-17		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	37.1
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	88.6	U	1	88.6	460	ug/Kg	12/12/25 21:32	PB170916
101-55-3	4-Bromophenyl-phenylether	74.9	U	1	74.9	460	ug/Kg	12/12/25 21:32	PB170916
118-74-1	Hexachlorobenzene	68.1	U	1	68.1	460	ug/Kg	12/12/25 21:32	PB170916
1912-24-9	Atrazine	91.6	U	1	91.6	460	ug/Kg	12/12/25 21:32	PB170916
87-86-5	Pentachlorophenol	140	U	1	140	890	ug/Kg	12/12/25 21:32	PB170916
85-01-8	Phenanthrene	56.3	U	1	56.3	460	ug/Kg	12/12/25 21:32	PB170916
120-12-7	Anthracene	89.7	U	1	89.7	460	ug/Kg	12/12/25 21:32	PB170916
86-74-8	Carbazole	84.0	U	1	84.0	460	ug/Kg	12/12/25 21:32	PB170916
84-74-2	Di-n-butylphthalate	130	U	1	130	460	ug/Kg	12/12/25 21:32	PB170916
206-44-0	Fluoranthene	80.8	U	1	80.8	460	ug/Kg	12/12/25 21:32	PB170916
129-00-0	Pyrene	96.9	U	1	96.9	460	ug/Kg	12/12/25 21:32	PB170916
85-68-7	Butylbenzylphthalate	190	U	1	190	460	ug/Kg	12/12/25 21:32	PB170916
91-94-1	3,3-Dichlorobenzidine	98.8	U	1	98.8	890	ug/Kg	12/12/25 21:32	PB170916
56-55-3	Benzo(a)anthracene	61.9	U	1	61.9	460	ug/Kg	12/12/25 21:32	PB170916
218-01-9	Chrysene	53.6	U	1	53.6	460	ug/Kg	12/12/25 21:32	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	1	160	460	ug/Kg	12/12/25 21:32	PB170916
117-84-0	Di-n-octyl phthalate	230	U	1	230	890	ug/Kg	12/12/25 21:32	PB170916
205-99-2	Benzo(b)fluoranthene	51.2	U	1	51.2	460	ug/Kg	12/12/25 21:32	PB170916
207-08-9	Benzo(k)fluoranthene	60.3	U	1	60.3	460	ug/Kg	12/12/25 21:32	PB170916
50-32-8	Benzo(a)pyrene	79.4	U	1	79.4	460	ug/Kg	12/12/25 21:32	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	78.4	U	1	78.4	460	ug/Kg	12/12/25 21:32	PB170916
53-70-3	Dibenzo(a,h)anthracene	73.8	U	1	73.8	460	ug/Kg	12/12/25 21:32	PB170916
191-24-2	Benzo(g,h,i)perylene	69.2	U	1	69.2	460	ug/Kg	12/12/25 21:32	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	68.9	U	1	68.9	460	ug/Kg	12/12/25 21:32	PB170916
123-91-1	1,4-Dioxane	120	U	1	120	460	ug/Kg	12/12/25 21:32	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	73.8	U	1	73.8	460	ug/Kg	12/12/25 21:32	PB170916

SURROGATES

367-12-4	2-Fluorophenol	71.8		10 - 105	48%	SPK: 150
13127-88-3	Phenol-d6	73.0		10 - 103	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.4		10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		10 - 108	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.9		10 - 116	51%	SPK: 150
1718-51-0	Terphenyl-d14	40.0		10 - 109	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	198000
1146-65-2	Naphthalene-d8	771000
15067-26-2	Acenaphthene-d10	412000
1517-22-2	Phenanthrene-d10	686000
1719-03-5	Chrysene-d12	455000
1520-96-3	Perylene-d12	398000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	550	J	10.5	ug/Kg
1000309-18-4	Sulfurous acid, butyl heptadecyl e	410	J	13.8	ug/Kg

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007098-22-8	Tetratetracontane	320	J			14.4	ug/Kg		
001560-98-1	Octacosane, 2-methyl-	480	J			15.1	ug/Kg		
000112-95-8	Eicosane	240	J			15.9	ug/Kg		

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