

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN3		SDG No.:	Q3839
Lab Sample ID:	Q3839-07		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	59.1
Sample Wt/Vol:	30.01 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	260	U	1	260	560	ug/Kg	12/12/25 18:34	PB170916
108-95-2	Phenol	37.4	U	1	37.4	290	ug/Kg	12/12/25 18:34	PB170916
111-44-4	bis(2-Chloroethyl)ether	41.1	U	1	41.1	290	ug/Kg	12/12/25 18:34	PB170916
95-57-8	2-Chlorophenol	41.3	U	1	41.3	290	ug/Kg	12/12/25 18:34	PB170916
95-48-7	2-Methylphenol	50.6	U	1	50.6	290	ug/Kg	12/12/25 18:34	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	63.4	U	1	63.4	290	ug/Kg	12/12/25 18:34	PB170916
98-86-2	Acetophenone	49.9	U	1	49.9	290	ug/Kg	12/12/25 18:34	PB170916
65794-96-9	3+4-Methylphenols	69.5	U	1	69.5	560	ug/Kg	12/12/25 18:34	PB170916
621-64-7	n-Nitroso-di-n-propylamine	80.2	U	1	80.2	140	ug/Kg	12/12/25 18:34	PB170916
67-72-1	Hexachloroethane	29.8	U	1	29.8	290	ug/Kg	12/12/25 18:34	PB170916
98-95-3	Nitrobenzene	31.0	U	1	31.0	290	ug/Kg	12/12/25 18:34	PB170916
78-59-1	Isophorone	55.5	U	1	55.5	290	ug/Kg	12/12/25 18:34	PB170916
88-75-5	2-Nitrophenol	98.4	U	1	98.4	290	ug/Kg	12/12/25 18:34	PB170916
105-67-9	2,4-Dimethylphenol	110	U	1	110	290	ug/Kg	12/12/25 18:34	PB170916
111-91-1	bis(2-Chloroethoxy)methane	52.1	U	1	52.1	290	ug/Kg	12/12/25 18:34	PB170916
120-83-2	2,4-Dichlorophenol	47.9	U	1	47.9	290	ug/Kg	12/12/25 18:34	PB170916
91-20-3	Naphthalene	38.4	U	1	38.4	290	ug/Kg	12/12/25 18:34	PB170916
106-47-8	4-Chloroaniline	59.9	U	1	59.9	290	ug/Kg	12/12/25 18:34	PB170916
87-68-3	Hexachlorobutadiene	42.8	U	1	42.8	290	ug/Kg	12/12/25 18:34	PB170916
105-60-2	Caprolactam	88.1	U	1	88.1	560	ug/Kg	12/12/25 18:34	PB170916
59-50-7	4-Chloro-3-methylphenol	48.5	U	1	48.5	290	ug/Kg	12/12/25 18:34	PB170916
91-57-6	2-Methylnaphthalene	43.3	U	1	43.3	290	ug/Kg	12/12/25 18:34	PB170916
77-47-4	Hexachlorocyclopentadiene	200	U	1	200	560	ug/Kg	12/12/25 18:34	PB170916
88-06-2	2,4,6-Trichlorophenol	33.5	U	1	33.5	290	ug/Kg	12/12/25 18:34	PB170916
95-95-4	2,4,5-Trichlorophenol	49.2	U	1	49.2	290	ug/Kg	12/12/25 18:34	PB170916
92-52-4	1,1-Biphenyl	36.9	U	1	36.9	290	ug/Kg	12/12/25 18:34	PB170916
91-58-7	2-Chloronaphthalene	38.1	U	1	38.1	290	ug/Kg	12/12/25 18:34	PB170916
88-74-4	2-Nitroaniline	81.4	U	1	81.4	290	ug/Kg	12/12/25 18:34	PB170916
131-11-3	Dimethylphthalate	45.8	U	1	45.8	290	ug/Kg	12/12/25 18:34	PB170916
208-96-8	Acenaphthylene	48.9	U	1	48.9	290	ug/Kg	12/12/25 18:34	PB170916
606-20-2	2,6-Dinitrotoluene	56.8	U	1	56.8	290	ug/Kg	12/12/25 18:34	PB170916
99-09-2	3-Nitroaniline	77.8	U	1	77.8	290	ug/Kg	12/12/25 18:34	PB170916
83-32-9	Acenaphthene	36.0	U	1	36.0	290	ug/Kg	12/12/25 18:34	PB170916
51-28-5	2,4-Dinitrophenol	390	U	1	390	560	ug/Kg	12/12/25 18:34	PB170916
100-02-7	4-Nitrophenol	180	U	1	180	560	ug/Kg	12/12/25 18:34	PB170916
132-64-9	Dibenzofuran	38.4	U	1	38.4	290	ug/Kg	12/12/25 18:34	PB170916
121-14-2	2,4-Dinitrotoluene	84.7	U	1	84.7	290	ug/Kg	12/12/25 18:34	PB170916
84-66-2	Diethylphthalate	47.9	U	1	47.9	290	ug/Kg	12/12/25 18:34	PB170916
7005-72-3	4-Chlorophenyl-phenylether	45.2	U	1	45.2	290	ug/Kg	12/12/25 18:34	PB170916
86-73-7	Fluorene	42.8	U	1	42.8	290	ug/Kg	12/12/25 18:34	PB170916
100-01-6	4-Nitroaniline	110	U	1	110	290	ug/Kg	12/12/25 18:34	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	170	U	1	170	560	ug/Kg	12/12/25 18:34	PB170916

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Lab Sample ID:	Q3839-07		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	59.1
Sample Wt/Vol:	30.01 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	55.6	U	1	55.6	290	ug/Kg	12/12/25 18:34	PB170916
101-55-3	4-Bromophenyl-phenylether	47.0	U	1	47.0	290	ug/Kg	12/12/25 18:34	PB170916
118-74-1	Hexachlorobenzene	42.8	U	1	42.8	290	ug/Kg	12/12/25 18:34	PB170916
1912-24-9	Atrazine	57.5	U	1	57.5	290	ug/Kg	12/12/25 18:34	PB170916
87-86-5	Pentachlorophenol	86.8	U	1	86.8	560	ug/Kg	12/12/25 18:34	PB170916
85-01-8	Phenanthrene	35.4	U	1	35.4	290	ug/Kg	12/12/25 18:34	PB170916
120-12-7	Anthracene	56.3	U	1	56.3	290	ug/Kg	12/12/25 18:34	PB170916
86-74-8	Carbazole	52.8	U	1	52.8	290	ug/Kg	12/12/25 18:34	PB170916
84-74-2	Di-n-butylphthalate	81.0	U	1	81.0	290	ug/Kg	12/12/25 18:34	PB170916
206-44-0	Fluoranthene	50.7	U	1	50.7	290	ug/Kg	12/12/25 18:34	PB170916
129-00-0	Pyrene	60.9	U	1	60.9	290	ug/Kg	12/12/25 18:34	PB170916
85-68-7	Butylbenzylphthalate	120	U	1	120	290	ug/Kg	12/12/25 18:34	PB170916
91-94-1	3,3-Dichlorobenzidine	62.1	U	1	62.1	560	ug/Kg	12/12/25 18:34	PB170916
56-55-3	Benzo(a)anthracene	38.9	U	1	38.9	290	ug/Kg	12/12/25 18:34	PB170916
218-01-9	Chrysene	33.7	U	1	33.7	290	ug/Kg	12/12/25 18:34	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	1	100	290	ug/Kg	12/12/25 18:34	PB170916
117-84-0	Di-n-octyl phthalate	150	U	1	150	560	ug/Kg	12/12/25 18:34	PB170916
205-99-2	Benzo(b)fluoranthene	32.1	U	1	32.1	290	ug/Kg	12/12/25 18:34	PB170916
207-08-9	Benzo(k)fluoranthene	37.9	U	1	37.9	290	ug/Kg	12/12/25 18:34	PB170916
50-32-8	Benzo(a)pyrene	49.9	U	1	49.9	290	ug/Kg	12/12/25 18:34	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	49.2	U	1	49.2	290	ug/Kg	12/12/25 18:34	PB170916
53-70-3	Dibenzo(a,h)anthracene	46.3	U	1	46.3	290	ug/Kg	12/12/25 18:34	PB170916
191-24-2	Benzo(g,h,i)perylene	43.5	U	1	43.5	290	ug/Kg	12/12/25 18:34	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3	U	1	43.3	290	ug/Kg	12/12/25 18:34	PB170916
123-91-1	1,4-Dioxane	76.5	U	1	76.5	290	ug/Kg	12/12/25 18:34	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	46.3	U	1	46.3	290	ug/Kg	12/12/25 18:34	PB170916

SURROGATES

367-12-4	2-Fluorophenol	119		10 - 105	79%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 103	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.5		10 - 108	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		10 - 108	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		10 - 116	92%	SPK: 150
1718-51-0	Terphenyl-d14	75.9		10 - 109	76%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	211000
1146-65-2 Naphthalene-d8	821000
15067-26-2 Acenaphthene-d10	442000
1517-22-2 Phenanthrene-d10	719000
1719-03-5 Chrysene-d12	467000
1520-96-3 Perylene-d12	418000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	430	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	200	J	11.8	ug/Kg

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1000406-04-8	Pentadecafluorooctanoic acid, octa	230	J			13.8	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