

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN4		SDG No.:	Q3839
Lab Sample ID:	Q3839-08		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	86.8
Sample Wt/Vol:	30.04 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	180	U	1	180	380	ug/Kg	12/12/25 19:03	PB170916
108-95-2	Phenol	25.4	U	1	25.4	200	ug/Kg	12/12/25 19:03	PB170916
111-44-4	bis(2-Chloroethyl)ether	28.0	U	1	28.0	200	ug/Kg	12/12/25 19:03	PB170916
95-57-8	2-Chlorophenol	28.1	U	1	28.1	200	ug/Kg	12/12/25 19:03	PB170916
95-48-7	2-Methylphenol	34.4	U	1	34.4	200	ug/Kg	12/12/25 19:03	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	43.1	U	1	43.1	200	ug/Kg	12/12/25 19:03	PB170916
98-86-2	Acetophenone	33.9	U	1	33.9	200	ug/Kg	12/12/25 19:03	PB170916
65794-96-9	3+4-Methylphenols	47.3	U	1	47.3	380	ug/Kg	12/12/25 19:03	PB170916
621-64-7	n-Nitroso-di-n-propylamine	54.5	U	1	54.5	92.0	ug/Kg	12/12/25 19:03	PB170916
67-72-1	Hexachloroethane	20.2	U	1	20.2	200	ug/Kg	12/12/25 19:03	PB170916
98-95-3	Nitrobenzene	21.1	U	1	21.1	200	ug/Kg	12/12/25 19:03	PB170916
78-59-1	Isophorone	37.7	U	1	37.7	200	ug/Kg	12/12/25 19:03	PB170916
88-75-5	2-Nitrophenol	67.0	U	1	67.0	200	ug/Kg	12/12/25 19:03	PB170916
105-67-9	2,4-Dimethylphenol	74.6	U	1	74.6	200	ug/Kg	12/12/25 19:03	PB170916
111-91-1	bis(2-Chloroethoxy)methane	35.4	U	1	35.4	200	ug/Kg	12/12/25 19:03	PB170916
120-83-2	2,4-Dichlorophenol	32.6	U	1	32.6	200	ug/Kg	12/12/25 19:03	PB170916
91-20-3	Naphthalene	26.1	U	1	26.1	200	ug/Kg	12/12/25 19:03	PB170916
106-47-8	4-Chloroaniline	40.7	U	1	40.7	200	ug/Kg	12/12/25 19:03	PB170916
87-68-3	Hexachlorobutadiene	29.1	U	1	29.1	200	ug/Kg	12/12/25 19:03	PB170916
105-60-2	Caprolactam	59.9	U	1	59.9	380	ug/Kg	12/12/25 19:03	PB170916
59-50-7	4-Chloro-3-methylphenol	33.0	U	1	33.0	200	ug/Kg	12/12/25 19:03	PB170916
91-57-6	2-Methylnaphthalene	29.5	U	1	29.5	200	ug/Kg	12/12/25 19:03	PB170916
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/12/25 19:03	PB170916
88-06-2	2,4,6-Trichlorophenol	22.8	U	1	22.8	200	ug/Kg	12/12/25 19:03	PB170916
95-95-4	2,4,5-Trichlorophenol	33.5	U	1	33.5	200	ug/Kg	12/12/25 19:03	PB170916
92-52-4	1,1-Biphenyl	25.1	U	1	25.1	200	ug/Kg	12/12/25 19:03	PB170916
91-58-7	2-Chloronaphthalene	25.9	U	1	25.9	200	ug/Kg	12/12/25 19:03	PB170916
88-74-4	2-Nitroaniline	55.3	U	1	55.3	200	ug/Kg	12/12/25 19:03	PB170916
131-11-3	Dimethylphthalate	31.2	U	1	31.2	200	ug/Kg	12/12/25 19:03	PB170916
208-96-8	Acenaphthylene	33.3	U	1	33.3	200	ug/Kg	12/12/25 19:03	PB170916
606-20-2	2,6-Dinitrotoluene	38.7	U	1	38.7	200	ug/Kg	12/12/25 19:03	PB170916
99-09-2	3-Nitroaniline	52.9	U	1	52.9	200	ug/Kg	12/12/25 19:03	PB170916
83-32-9	Acenaphthene	24.5	U	1	24.5	200	ug/Kg	12/12/25 19:03	PB170916
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/12/25 19:03	PB170916
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/12/25 19:03	PB170916
132-64-9	Dibenzofuran	26.1	U	1	26.1	200	ug/Kg	12/12/25 19:03	PB170916
121-14-2	2,4-Dinitrotoluene	57.6	U	1	57.6	200	ug/Kg	12/12/25 19:03	PB170916
84-66-2	Diethylphthalate	32.6	U	1	32.6	200	ug/Kg	12/12/25 19:03	PB170916
7005-72-3	4-Chlorophenyl-phenylether	30.7	U	1	30.7	200	ug/Kg	12/12/25 19:03	PB170916
86-73-7	Fluorene	29.1	U	1	29.1	200	ug/Kg	12/12/25 19:03	PB170916
100-01-6	4-Nitroaniline	73.9	U	1	73.9	200	ug/Kg	12/12/25 19:03	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/12/25 19:03	PB170916

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Lab Sample ID:	Q3839-08		Matrix:	SOIL
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Sample Wt/Vol:	30.04 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	37.9	U	1	37.9	200	ug/Kg	12/12/25 19:03	PB170916
101-55-3	4-Bromophenyl-phenylether	32.0	U	1	32.0	200	ug/Kg	12/12/25 19:03	PB170916
118-74-1	Hexachlorobenzene	29.1	U	1	29.1	200	ug/Kg	12/12/25 19:03	PB170916
1912-24-9	Atrazine	39.1	U	1	39.1	200	ug/Kg	12/12/25 19:03	PB170916
87-86-5	Pentachlorophenol	59.0	U	1	59.0	380	ug/Kg	12/12/25 19:03	PB170916
85-01-8	Phenanthrene	24.0	U	1	24.0	200	ug/Kg	12/12/25 19:03	PB170916
120-12-7	Anthracene	38.3	U	1	38.3	200	ug/Kg	12/12/25 19:03	PB170916
86-74-8	Carbazole	35.9	U	1	35.9	200	ug/Kg	12/12/25 19:03	PB170916
84-74-2	Di-n-butylphthalate	55.1	U	1	55.1	200	ug/Kg	12/12/25 19:03	PB170916
206-44-0	Fluoranthene	34.5	U	1	34.5	200	ug/Kg	12/12/25 19:03	PB170916
129-00-0	Pyrene	41.4	U	1	41.4	200	ug/Kg	12/12/25 19:03	PB170916
85-68-7	Butylbenzylphthalate	82.1	U	1	82.1	200	ug/Kg	12/12/25 19:03	PB170916
91-94-1	3,3-Dichlorobenzidine	42.2	U	1	42.2	380	ug/Kg	12/12/25 19:03	PB170916
56-55-3	Benzo(a)anthracene	26.5	U	1	26.5	200	ug/Kg	12/12/25 19:03	PB170916
218-01-9	Chrysene	22.9	U	1	22.9	200	ug/Kg	12/12/25 19:03	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	1	68.1	200	ug/Kg	12/12/25 19:03	PB170916
117-84-0	Di-n-octyl phthalate	99.9	U	1	99.9	380	ug/Kg	12/12/25 19:03	PB170916
205-99-2	Benzo(b)fluoranthene	21.9	U	1	21.9	200	ug/Kg	12/12/25 19:03	PB170916
207-08-9	Benzo(k)fluoranthene	25.8	U	1	25.8	200	ug/Kg	12/12/25 19:03	PB170916
50-32-8	Benzo(a)pyrene	33.9	U	1	33.9	200	ug/Kg	12/12/25 19:03	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	33.5	U	1	33.5	200	ug/Kg	12/12/25 19:03	PB170916
53-70-3	Dibenzo(a,h)anthracene	31.5	U	1	31.5	200	ug/Kg	12/12/25 19:03	PB170916
191-24-2	Benzo(g,h,i)perylene	29.6	U	1	29.6	200	ug/Kg	12/12/25 19:03	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/12/25 19:03	PB170916
123-91-1	1,4-Dioxane	52.0	U	1	52.0	200	ug/Kg	12/12/25 19:03	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	31.5	U	1	31.5	200	ug/Kg	12/12/25 19:03	PB170916

SURROGATES

367-12-4	2-Fluorophenol	78.6		10 - 105	52%	SPK: 150
13127-88-3	Phenol-d6	79.7		10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.4		10 - 108	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.0		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.0		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	45.8		10 - 109	46%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	215000
1146-65-2	Naphthalene-d8	838000
15067-26-2	Acenaphthene-d10	453000
1517-22-2	Phenanthrene-d10	764000
1719-03-5	Chrysene-d12	506000
1520-96-3	Perylene-d12	445000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	240	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	160	J	11.8	ug/Kg

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000295-65-8	Cyclohexadecane	140	J			13.8	ug/Kg		
033368-86-4	2-(Octanoyloxy)propane-1,3-diyl bi	83.6	J			17.0	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