

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN2		SDG No.:	Q3839
Lab Sample ID:	Q3839-06		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	73.3
Sample Wt/Vol:	30.05 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	210	U	1	210	450	ug/Kg	12/12/25 18:05	PB170916
108-95-2	Phenol	30.1	U	1	30.1	230	ug/Kg	12/12/25 18:05	PB170916
111-44-4	bis(2-Chloroethyl)ether	33.1	U	1	33.1	230	ug/Kg	12/12/25 18:05	PB170916
95-57-8	2-Chlorophenol	33.2	U	1	33.2	230	ug/Kg	12/12/25 18:05	PB170916
95-48-7	2-Methylphenol	40.7	U	1	40.7	230	ug/Kg	12/12/25 18:05	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	51.1	U	1	51.1	230	ug/Kg	12/12/25 18:05	PB170916
98-86-2	Acetophenone	40.2	U	1	40.2	230	ug/Kg	12/12/25 18:05	PB170916
65794-96-9	3+4-Methylphenols	56.0	U	1	56.0	450	ug/Kg	12/12/25 18:05	PB170916
621-64-7	n-Nitroso-di-n-propylamine	64.6	U	1	64.6	110	ug/Kg	12/12/25 18:05	PB170916
67-72-1	Hexachloroethane	24.0	U	1	24.0	230	ug/Kg	12/12/25 18:05	PB170916
98-95-3	Nitrobenzene	24.9	U	1	24.9	230	ug/Kg	12/12/25 18:05	PB170916
78-59-1	Isophorone	44.7	U	1	44.7	230	ug/Kg	12/12/25 18:05	PB170916
88-75-5	2-Nitrophenol	79.3	U	1	79.3	230	ug/Kg	12/12/25 18:05	PB170916
105-67-9	2,4-Dimethylphenol	88.3	U	1	88.3	230	ug/Kg	12/12/25 18:05	PB170916
111-91-1	bis(2-Chloroethoxy)methane	41.9	U	1	41.9	230	ug/Kg	12/12/25 18:05	PB170916
120-83-2	2,4-Dichlorophenol	38.5	U	1	38.5	230	ug/Kg	12/12/25 18:05	PB170916
91-20-3	Naphthalene	30.9	U	1	30.9	230	ug/Kg	12/12/25 18:05	PB170916
106-47-8	4-Chloroaniline	48.2	U	1	48.2	230	ug/Kg	12/12/25 18:05	PB170916
87-68-3	Hexachlorobutadiene	34.5	U	1	34.5	230	ug/Kg	12/12/25 18:05	PB170916
105-60-2	Caprolactam	71.0	U	1	71.0	450	ug/Kg	12/12/25 18:05	PB170916
59-50-7	4-Chloro-3-methylphenol	39.1	U	1	39.1	230	ug/Kg	12/12/25 18:05	PB170916
91-57-6	2-Methylnaphthalene	34.9	U	1	34.9	230	ug/Kg	12/12/25 18:05	PB170916
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	450	ug/Kg	12/12/25 18:05	PB170916
88-06-2	2,4,6-Trichlorophenol	27.0	U	1	27.0	230	ug/Kg	12/12/25 18:05	PB170916
95-95-4	2,4,5-Trichlorophenol	39.6	U	1	39.6	230	ug/Kg	12/12/25 18:05	PB170916
92-52-4	1,1-Biphenyl	29.7	U	1	29.7	230	ug/Kg	12/12/25 18:05	PB170916
91-58-7	2-Chloronaphthalene	30.6	U	1	30.6	230	ug/Kg	12/12/25 18:05	PB170916
88-74-4	2-Nitroaniline	65.5	U	1	65.5	230	ug/Kg	12/12/25 18:05	PB170916
131-11-3	Dimethylphthalate	36.9	U	1	36.9	230	ug/Kg	12/12/25 18:05	PB170916
208-96-8	Acenaphthylene	39.4	U	1	39.4	230	ug/Kg	12/12/25 18:05	PB170916
606-20-2	2,6-Dinitrotoluene	45.8	U	1	45.8	230	ug/Kg	12/12/25 18:05	PB170916
99-09-2	3-Nitroaniline	62.7	U	1	62.7	230	ug/Kg	12/12/25 18:05	PB170916
83-32-9	Acenaphthene	29.0	U	1	29.0	230	ug/Kg	12/12/25 18:05	PB170916
51-28-5	2,4-Dinitrophenol	310	U	1	310	450	ug/Kg	12/12/25 18:05	PB170916
100-02-7	4-Nitrophenol	150	U	1	150	450	ug/Kg	12/12/25 18:05	PB170916
132-64-9	Dibenzofuran	30.9	U	1	30.9	230	ug/Kg	12/12/25 18:05	PB170916
121-14-2	2,4-Dinitrotoluene	68.2	U	1	68.2	230	ug/Kg	12/12/25 18:05	PB170916
84-66-2	Diethylphthalate	38.5	U	1	38.5	230	ug/Kg	12/12/25 18:05	PB170916
7005-72-3	4-Chlorophenyl-phenylether	36.4	U	1	36.4	230	ug/Kg	12/12/25 18:05	PB170916
86-73-7	Fluorene	34.5	U	1	34.5	230	ug/Kg	12/12/25 18:05	PB170916
100-01-6	4-Nitroaniline	87.4	U	1	87.4	230	ug/Kg	12/12/25 18:05	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	450	ug/Kg	12/12/25 18:05	PB170916

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Lab Sample ID:	Q3839-06		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	73.3
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:
Prep Method :	SW3541	Prep Date:	12/12/25	SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.8	U	1	44.8	230	ug/Kg	12/12/25 18:05	PB170916
101-55-3	4-Bromophenyl-phenylether	37.9	U	1	37.9	230	ug/Kg	12/12/25 18:05	PB170916
118-74-1	Hexachlorobenzene	34.5	U	1	34.5	230	ug/Kg	12/12/25 18:05	PB170916
1912-24-9	Atrazine	46.3	U	1	46.3	230	ug/Kg	12/12/25 18:05	PB170916
87-86-5	Pentachlorophenol	69.9	U	1	69.9	450	ug/Kg	12/12/25 18:05	PB170916
85-01-8	Phenanthrene	28.5	U	1	28.5	230	ug/Kg	12/12/25 18:05	PB170916
120-12-7	Anthracene	45.4	U	1	45.4	230	ug/Kg	12/12/25 18:05	PB170916
86-74-8	Carbazole	42.5	U	1	42.5	230	ug/Kg	12/12/25 18:05	PB170916
84-74-2	Di-n-butylphthalate	65.2	U	1	65.2	230	ug/Kg	12/12/25 18:05	PB170916
206-44-0	Fluoranthene	40.9	U	1	40.9	230	ug/Kg	12/12/25 18:05	PB170916
129-00-0	Pyrene	49.0	U	1	49.0	230	ug/Kg	12/12/25 18:05	PB170916
85-68-7	Butylbenzylphthalate	97.2	U	1	97.2	230	ug/Kg	12/12/25 18:05	PB170916
91-94-1	3,3-Dichlorobenzidine	50.0	U	1	50.0	450	ug/Kg	12/12/25 18:05	PB170916
56-55-3	Benzo(a)anthracene	31.3	U	1	31.3	230	ug/Kg	12/12/25 18:05	PB170916
218-01-9	Chrysene	27.1	U	1	27.1	230	ug/Kg	12/12/25 18:05	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	80.6	U	1	80.6	230	ug/Kg	12/12/25 18:05	PB170916
117-84-0	Di-n-octyl phthalate	120	U	1	120	450	ug/Kg	12/12/25 18:05	PB170916
205-99-2	Benzo(b)fluoranthene	25.9	U	1	25.9	230	ug/Kg	12/12/25 18:05	PB170916
207-08-9	Benzo(k)fluoranthene	30.5	U	1	30.5	230	ug/Kg	12/12/25 18:05	PB170916
50-32-8	Benzo(a)pyrene	40.2	U	1	40.2	230	ug/Kg	12/12/25 18:05	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	39.6	U	1	39.6	230	ug/Kg	12/12/25 18:05	PB170916
53-70-3	Dibenzo(a,h)anthracene	37.3	U	1	37.3	230	ug/Kg	12/12/25 18:05	PB170916
191-24-2	Benzo(g,h,i)perylene	35.0	U	1	35.0	230	ug/Kg	12/12/25 18:05	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	34.9	U	1	34.9	230	ug/Kg	12/12/25 18:05	PB170916
123-91-1	1,4-Dioxane	61.6	U	1	61.6	230	ug/Kg	12/12/25 18:05	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	37.3	U	1	37.3	230	ug/Kg	12/12/25 18:05	PB170916

SURROGATES

367-12-4	2-Fluorophenol	81.5		10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	81.3		10 - 103	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.3		10 - 108	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.5		10 - 108	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	85.4		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	48.5		10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	204000
1146-65-2	Naphthalene-d8	799000
15067-26-2	Acenaphthene-d10	432000
1517-22-2	Phenanthrene-d10	712000
1719-03-5	Chrysene-d12	481000
1520-96-3	Perylene-d12	446000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	220	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	130	J	11.8	ug/Kg

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Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	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