

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN6		SDG No.:	Q3839
Lab Sample ID:	Q3839-10		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	72.5
Sample Wt/Vol:	30.06 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
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	450	ug/Kg	12/12/25 19:48	PB170916
108-95-2	Phenol	30.4	U	1	30.4	230	ug/Kg	12/12/25 19:48	PB170916
111-44-4	bis(2-Chloroethyl)ether	33.5	U	1	33.5	230	ug/Kg	12/12/25 19:48	PB170916
95-57-8	2-Chlorophenol	33.6	U	1	33.6	230	ug/Kg	12/12/25 19:48	PB170916
95-48-7	2-Methylphenol	41.2	U	1	41.2	230	ug/Kg	12/12/25 19:48	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	51.6	U	1	51.6	230	ug/Kg	12/12/25 19:48	PB170916
98-86-2	Acetophenone	40.6	U	1	40.6	230	ug/Kg	12/12/25 19:48	PB170916
65794-96-9	3+4-Methylphenols	56.6	U	1	56.6	450	ug/Kg	12/12/25 19:48	PB170916
621-64-7	n-Nitroso-di-n-propylamine	65.2	U	1	65.2	110	ug/Kg	12/12/25 19:48	PB170916
67-72-1	Hexachloroethane	24.2	U	1	24.2	230	ug/Kg	12/12/25 19:48	PB170916
98-95-3	Nitrobenzene	25.2	U	1	25.2	230	ug/Kg	12/12/25 19:48	PB170916
78-59-1	Isophorone	45.2	U	1	45.2	230	ug/Kg	12/12/25 19:48	PB170916
88-75-5	2-Nitrophenol	80.1	U	1	80.1	230	ug/Kg	12/12/25 19:48	PB170916
105-67-9	2,4-Dimethylphenol	89.2	U	1	89.2	230	ug/Kg	12/12/25 19:48	PB170916
111-91-1	bis(2-Chloroethoxy)methane	42.4	U	1	42.4	230	ug/Kg	12/12/25 19:48	PB170916
120-83-2	2,4-Dichlorophenol	39.0	U	1	39.0	230	ug/Kg	12/12/25 19:48	PB170916
91-20-3	Naphthalene	390		1	31.2	230	ug/Kg	12/12/25 19:48	PB170916
106-47-8	4-Chloroaniline	48.7	U	1	48.7	230	ug/Kg	12/12/25 19:48	PB170916
87-68-3	Hexachlorobutadiene	34.8	U	1	34.8	230	ug/Kg	12/12/25 19:48	PB170916
105-60-2	Caprolactam	71.7	U	1	71.7	450	ug/Kg	12/12/25 19:48	PB170916
59-50-7	4-Chloro-3-methylphenol	39.5	U	1	39.5	230	ug/Kg	12/12/25 19:48	PB170916
91-57-6	2-Methylnaphthalene	570		1	35.2	230	ug/Kg	12/12/25 19:48	PB170916
77-47-4	Hexachlorocyclopentadiene	160	U	1	160	450	ug/Kg	12/12/25 19:48	PB170916
88-06-2	2,4,6-Trichlorophenol	27.3	U	1	27.3	230	ug/Kg	12/12/25 19:48	PB170916
95-95-4	2,4,5-Trichlorophenol	40.1	U	1	40.1	230	ug/Kg	12/12/25 19:48	PB170916
92-52-4	1,1-Biphenyl	30.0	U	1	30.0	230	ug/Kg	12/12/25 19:48	PB170916
91-58-7	2-Chloronaphthalene	31.0	U	1	31.0	230	ug/Kg	12/12/25 19:48	PB170916
88-74-4	2-Nitroaniline	66.2	U	1	66.2	230	ug/Kg	12/12/25 19:48	PB170916
131-11-3	Dimethylphthalate	37.3	U	1	37.3	230	ug/Kg	12/12/25 19:48	PB170916
208-96-8	Acenaphthylene	39.8	U	1	39.8	230	ug/Kg	12/12/25 19:48	PB170916
606-20-2	2,6-Dinitrotoluene	46.3	U	1	46.3	230	ug/Kg	12/12/25 19:48	PB170916
99-09-2	3-Nitroaniline	63.3	U	1	63.3	230	ug/Kg	12/12/25 19:48	PB170916
83-32-9	Acenaphthene	29.3	U	1	29.3	230	ug/Kg	12/12/25 19:48	PB170916
51-28-5	2,4-Dinitrophenol	320	U	1	320	450	ug/Kg	12/12/25 19:48	PB170916
100-02-7	4-Nitrophenol	150	U	1	150	450	ug/Kg	12/12/25 19:48	PB170916
132-64-9	Dibenzofuran	120	J	1	31.2	230	ug/Kg	12/12/25 19:48	PB170916
121-14-2	2,4-Dinitrotoluene	69.0	U	1	69.0	230	ug/Kg	12/12/25 19:48	PB170916
84-66-2	Diethylphthalate	39.0	U	1	39.0	230	ug/Kg	12/12/25 19:48	PB170916
7005-72-3	4-Chlorophenyl-phenylether	36.8	U	1	36.8	230	ug/Kg	12/12/25 19:48	PB170916
86-73-7	Fluorene	34.8	U	1	34.8	230	ug/Kg	12/12/25 19:48	PB170916
100-01-6	4-Nitroaniline	88.4	U	1	88.4	230	ug/Kg	12/12/25 19:48	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	450	ug/Kg	12/12/25 19:48	PB170916

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Lab Sample ID:	Q3839-10		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	72.5
Sample Wt/Vol:	30.06 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	45.3	U	1	45.3	230	ug/Kg	12/12/25 19:48	PB170916
101-55-3	4-Bromophenyl-phenylether	38.3	U	1	38.3	230	ug/Kg	12/12/25 19:48	PB170916
118-74-1	Hexachlorobenzene	34.8	U	1	34.8	230	ug/Kg	12/12/25 19:48	PB170916
1912-24-9	Atrazine	46.8	U	1	46.8	230	ug/Kg	12/12/25 19:48	PB170916
87-86-5	Pentachlorophenol	70.6	U	1	70.6	450	ug/Kg	12/12/25 19:48	PB170916
85-01-8	Phenanthrene	250		1	28.8	230	ug/Kg	12/12/25 19:48	PB170916
120-12-7	Anthracene	45.8	U	1	45.8	230	ug/Kg	12/12/25 19:48	PB170916
86-74-8	Carbazole	42.9	U	1	42.9	230	ug/Kg	12/12/25 19:48	PB170916
84-74-2	Di-n-butylphthalate	65.9	U	1	65.9	230	ug/Kg	12/12/25 19:48	PB170916
206-44-0	Fluoranthene	140	J	1	41.3	230	ug/Kg	12/12/25 19:48	PB170916
129-00-0	Pyrene	120	J	1	49.6	230	ug/Kg	12/12/25 19:48	PB170916
85-68-7	Butylbenzylphthalate	98.3	U	1	98.3	230	ug/Kg	12/12/25 19:48	PB170916
91-94-1	3,3-Dichlorobenzidine	50.5	U	1	50.5	450	ug/Kg	12/12/25 19:48	PB170916
56-55-3	Benzo(a)anthracene	31.7	U	1	31.7	230	ug/Kg	12/12/25 19:48	PB170916
218-01-9	Chrysene	27.4	U	1	27.4	230	ug/Kg	12/12/25 19:48	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	81.5	U	1	81.5	230	ug/Kg	12/12/25 19:48	PB170916
117-84-0	Di-n-octyl phthalate	120	U	1	120	450	ug/Kg	12/12/25 19:48	PB170916
205-99-2	Benzo(b)fluoranthene	26.2	U	1	26.2	230	ug/Kg	12/12/25 19:48	PB170916
207-08-9	Benzo(k)fluoranthene	30.8	U	1	30.8	230	ug/Kg	12/12/25 19:48	PB170916
50-32-8	Benzo(a)pyrene	40.6	U	1	40.6	230	ug/Kg	12/12/25 19:48	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	40.1	U	1	40.1	230	ug/Kg	12/12/25 19:48	PB170916
53-70-3	Dibenzo(a,h)anthracene	37.7	U	1	37.7	230	ug/Kg	12/12/25 19:48	PB170916
191-24-2	Benzo(g,h,i)perylene	35.4	U	1	35.4	230	ug/Kg	12/12/25 19:48	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	35.2	U	1	35.2	230	ug/Kg	12/12/25 19:48	PB170916
123-91-1	1,4-Dioxane	62.2	U	1	62.2	230	ug/Kg	12/12/25 19:48	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	37.7	U	1	37.7	230	ug/Kg	12/12/25 19:48	PB170916

SURROGATES

367-12-4	2-Fluorophenol	82.0		10 - 105	55%	SPK: 150
13127-88-3	Phenol-d6	87.3		10 - 103	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.4		10 - 108	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.9		10 - 108	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.5		10 - 116	65%	SPK: 150
1718-51-0	Terphenyl-d14	47.9		10 - 109	48%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	209000
1146-65-2	Naphthalene-d8	946000
15067-26-2	Acenaphthene-d10	708000
1517-22-2	Phenanthrene-d10	1530000
1719-03-5	Chrysene-d12	1800000
1520-96-3	Perylene-d12	1960000

TENTATIVE IDENTIFIED COMPOUNDS

000526-73-8	Benzene, 1,2,3-trimethyl-	310	J	7.30	ug/Kg
001120-21-4	Undecane	180	J	8.87	ug/Kg

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Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 12/12/25		

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90-12-0	1-Methylnaphthalene	400	J			12.3	ug/Kg		
000581-40-8	Naphthalene, 2,3-dimethyl-	220	J			13.6	ug/Kg		
000575-37-1	Naphthalene, 1,7-dimethyl-	170	J			13.6	ug/Kg		
002245-38-7	Naphthalene, 1,6,7-trimethyl-	180	J			15.3	ug/Kg		
000119-61-9	Benzophenone	390	J			15.7	ug/Kg		
000629-59-4	Tetradecane	160	J			16.0	ug/Kg		
054105-67-8	Heptadecane, 2,6-dimethyl-	160	J			16.1	ug/Kg		
000593-49-7	Heptacosane	140	J			16.9	ug/Kg		
000057-10-3	n-Hexadecanoic acid	750	J			18.0	ug/Kg		
001058-61-3	Stigmast-4-en-3-one	540	J			18.6	ug/Kg		
000057-11-4	Octadecanoic acid	560	J			19.4	ug/Kg		
000511-61-5	9,19-Cyclolanost-25-en-3-ol, 24-me	810	J			19.5	ug/Kg		
000661-19-8	Behenic alcohol	830	J			21.2	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