

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN1MSD		SDG No.:	Q3839
Lab Sample ID:	Q3839-04MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	33.9
Sample Wt/Vol:	30.07 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	4500		1	460	970	ug/Kg	12/12/25 18:26	PB170916
108-95-2	Phenol	4700		1	65.0	500	ug/Kg	12/12/25 18:26	PB170916
111-44-4	bis(2-Chloroethyl)ether	4100		1	71.5	500	ug/Kg	12/12/25 18:26	PB170916
95-57-8	2-Chlorophenol	4700		1	71.8	500	ug/Kg	12/12/25 18:26	PB170916
95-48-7	2-Methylphenol	4900		1	88.0	500	ug/Kg	12/12/25 18:26	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	4000		1	110	500	ug/Kg	12/12/25 18:26	PB170916
98-86-2	Acetophenone	4200		1	86.8	500	ug/Kg	12/12/25 18:26	PB170916
65794-96-9	3+4-Methylphenols	4800		1	120	970	ug/Kg	12/12/25 18:26	PB170916
621-64-7	n-Nitroso-di-n-propylamine	4500		1	140	240	ug/Kg	12/12/25 18:26	PB170916
67-72-1	Hexachloroethane	4200		1	51.8	500	ug/Kg	12/12/25 18:26	PB170916
98-95-3	Nitrobenzene	4200		1	53.9	500	ug/Kg	12/12/25 18:26	PB170916
78-59-1	Isophorone	4400		1	96.5	500	ug/Kg	12/12/25 18:26	PB170916
88-75-5	2-Nitrophenol	4700		1	170	500	ug/Kg	12/12/25 18:26	PB170916
105-67-9	2,4-Dimethylphenol	4700		1	190	500	ug/Kg	12/12/25 18:26	PB170916
111-91-1	bis(2-Chloroethoxy)methane	4200		1	90.6	500	ug/Kg	12/12/25 18:26	PB170916
120-83-2	2,4-Dichlorophenol	4900		1	83.3	500	ug/Kg	12/12/25 18:26	PB170916
91-20-3	Naphthalene	4200		1	66.8	500	ug/Kg	12/12/25 18:26	PB170916
106-47-8	4-Chloroaniline	1400		1	100	500	ug/Kg	12/12/25 18:26	PB170916
87-68-3	Hexachlorobutadiene	4400		1	74.5	500	ug/Kg	12/12/25 18:26	PB170916
105-60-2	Caprolactam	4900		1	150	970	ug/Kg	12/12/25 18:26	PB170916
59-50-7	4-Chloro-3-methylphenol	5100		1	84.5	500	ug/Kg	12/12/25 18:26	PB170916
91-57-6	2-Methylnaphthalene	4100		1	75.3	500	ug/Kg	12/12/25 18:26	PB170916
77-47-4	Hexachlorocyclopentadiene	5300		1	340	970	ug/Kg	12/12/25 18:26	PB170916
88-06-2	2,4,6-Trichlorophenol	4800		1	58.3	500	ug/Kg	12/12/25 18:26	PB170916
95-95-4	2,4,5-Trichlorophenol	4800		1	85.6	500	ug/Kg	12/12/25 18:26	PB170916
92-52-4	1,1-Biphenyl	4300		1	64.2	500	ug/Kg	12/12/25 18:26	PB170916
91-58-7	2-Chloronaphthalene	4200		1	66.2	500	ug/Kg	12/12/25 18:26	PB170916
88-74-4	2-Nitroaniline	4700		1	140	500	ug/Kg	12/12/25 18:26	PB170916
131-11-3	Dimethylphthalate	4700		1	79.8	500	ug/Kg	12/12/25 18:26	PB170916
208-96-8	Acenaphthylene	4600		1	85.1	500	ug/Kg	12/12/25 18:26	PB170916
606-20-2	2,6-Dinitrotoluene	5200		1	98.9	500	ug/Kg	12/12/25 18:26	PB170916
99-09-2	3-Nitroaniline	1700		1	140	500	ug/Kg	12/12/25 18:26	PB170916
83-32-9	Acenaphthene	4300		1	62.7	500	ug/Kg	12/12/25 18:26	PB170916
51-28-5	2,4-Dinitrophenol	10200	E	1	670	970	ug/Kg	12/12/25 18:26	PB170916
100-02-7	4-Nitrophenol	8800	E	1	310	970	ug/Kg	12/12/25 18:26	PB170916
132-64-9	Dibenzofuran	4500		1	66.8	500	ug/Kg	12/12/25 18:26	PB170916
121-14-2	2,4-Dinitrotoluene	5000		1	150	500	ug/Kg	12/12/25 18:26	PB170916
84-66-2	Diethylphthalate	4700		1	83.3	500	ug/Kg	12/12/25 18:26	PB170916
7005-72-3	4-Chlorophenyl-phenylether	4700		1	78.6	500	ug/Kg	12/12/25 18:26	PB170916
86-73-7	Fluorene	4600		1	74.5	500	ug/Kg	12/12/25 18:26	PB170916
100-01-6	4-Nitroaniline	4100		1	190	500	ug/Kg	12/12/25 18:26	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	4700		1	300	970	ug/Kg	12/12/25 18:26	PB170916

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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	4400		1	96.8	500	ug/Kg	12/12/25 18:26	PB170916
101-55-3	4-Bromophenyl-phenylether	4700		1	81.8	500	ug/Kg	12/12/25 18:26	PB170916
118-74-1	Hexachlorobenzene	4800		1	74.5	500	ug/Kg	12/12/25 18:26	PB170916
1912-24-9	Atrazine	4700		1	100	500	ug/Kg	12/12/25 18:26	PB170916
87-86-5	Pentachlorophenol	9900	E	1	150	970	ug/Kg	12/12/25 18:26	PB170916
85-01-8	Phenanthrene	4500		1	61.5	500	ug/Kg	12/12/25 18:26	PB170916
120-12-7	Anthracene	4500		1	98.0	500	ug/Kg	12/12/25 18:26	PB170916
86-74-8	Carbazole	4600		1	91.8	500	ug/Kg	12/12/25 18:26	PB170916
84-74-2	Di-n-butylphthalate	4800		1	140	500	ug/Kg	12/12/25 18:26	PB170916
206-44-0	Fluoranthene	4800		1	88.3	500	ug/Kg	12/12/25 18:26	PB170916
129-00-0	Pyrene	4200		1	110	500	ug/Kg	12/12/25 18:26	PB170916
85-68-7	Butylbenzylphthalate	4500		1	210	500	ug/Kg	12/12/25 18:26	PB170916
91-94-1	3,3-Dichlorobenzidine	3000		1	110	970	ug/Kg	12/12/25 18:26	PB170916
56-55-3	Benzo(a)anthracene	4400		1	67.7	500	ug/Kg	12/12/25 18:26	PB170916
218-01-9	Chrysene	4500		1	58.6	500	ug/Kg	12/12/25 18:26	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	4400		1	170	500	ug/Kg	12/12/25 18:26	PB170916
117-84-0	Di-n-octyl phthalate	4500		1	260	970	ug/Kg	12/12/25 18:26	PB170916
205-99-2	Benzo(b)fluoranthene	4600		1	55.9	500	ug/Kg	12/12/25 18:26	PB170916
207-08-9	Benzo(k)fluoranthene	4500		1	65.9	500	ug/Kg	12/12/25 18:26	PB170916
50-32-8	Benzo(a)pyrene	4600		1	86.8	500	ug/Kg	12/12/25 18:26	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	4100		1	85.6	500	ug/Kg	12/12/25 18:26	PB170916
53-70-3	Dibenzo(a,h)anthracene	4300		1	80.6	500	ug/Kg	12/12/25 18:26	PB170916
191-24-2	Benzo(g,h,i)perylene	4100		1	75.6	500	ug/Kg	12/12/25 18:26	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	4400		1	75.3	500	ug/Kg	12/12/25 18:26	PB170916
123-91-1	1,4-Dioxane	3300		1	130	500	ug/Kg	12/12/25 18:26	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	5300		1	80.6	500	ug/Kg	12/12/25 18:26	PB170916

SURROGATES

367-12-4	2-Fluorophenol	108			10 - 105	72%	SPK: 150
13127-88-3	Phenol-d6	110			10 - 103	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.1			10 - 108	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.1			10 - 108	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119			10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	46.3			10 - 109	46%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	166000
1146-65-2	Naphthalene-d8	722000
15067-26-2	Acenaphthene-d10	504000
1517-22-2	Phenanthrene-d10	1080000
1719-03-5	Chrysene-d12	1320000
1520-96-3	Perylene-d12	1560000

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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