

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AN1MS		SDG No.:	Q3839
Lab Sample ID:	Q3839-03MS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	33.9
Sample Wt/Vol:	30.08 g	Final Vol:	1000 uL	Test:
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	4100		1	460	970	ug/Kg	12/12/25 17:44	PB170916
108-95-2	Phenol	4300		1	65.0	500	ug/Kg	12/12/25 17:44	PB170916
111-44-4	bis(2-Chloroethyl)ether	3800		1	71.5	500	ug/Kg	12/12/25 17:44	PB170916
95-57-8	2-Chlorophenol	4400		1	71.8	500	ug/Kg	12/12/25 17:44	PB170916
95-48-7	2-Methylphenol	4400		1	88.0	500	ug/Kg	12/12/25 17:44	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	3700		1	110	500	ug/Kg	12/12/25 17:44	PB170916
98-86-2	Acetophenone	3900		1	86.8	500	ug/Kg	12/12/25 17:44	PB170916
65794-96-9	3+4-Methylphenols	4400		1	120	970	ug/Kg	12/12/25 17:44	PB170916
621-64-7	n-Nitroso-di-n-propylamine	4100		1	140	240	ug/Kg	12/12/25 17:44	PB170916
67-72-1	Hexachloroethane	3900		1	51.8	500	ug/Kg	12/12/25 17:44	PB170916
98-95-3	Nitrobenzene	3900		1	53.8	500	ug/Kg	12/12/25 17:44	PB170916
78-59-1	Isophorone	4100		1	96.5	500	ug/Kg	12/12/25 17:44	PB170916
88-75-5	2-Nitrophenol	4400		1	170	500	ug/Kg	12/12/25 17:44	PB170916
105-67-9	2,4-Dimethylphenol	4500		1	190	500	ug/Kg	12/12/25 17:44	PB170916
111-91-1	bis(2-Chloroethoxy)methane	4000		1	90.6	500	ug/Kg	12/12/25 17:44	PB170916
120-83-2	2,4-Dichlorophenol	4600		1	83.3	500	ug/Kg	12/12/25 17:44	PB170916
91-20-3	Naphthalene	4000		1	66.8	500	ug/Kg	12/12/25 17:44	PB170916
106-47-8	4-Chloroaniline	1200		1	100	500	ug/Kg	12/12/25 17:44	PB170916
87-68-3	Hexachlorobutadiene	4200		1	74.4	500	ug/Kg	12/12/25 17:44	PB170916
105-60-2	Caprolactam	4600		1	150	970	ug/Kg	12/12/25 17:44	PB170916
59-50-7	4-Chloro-3-methylphenol	4700		1	84.4	500	ug/Kg	12/12/25 17:44	PB170916
91-57-6	2-Methylnaphthalene	3900		1	75.3	500	ug/Kg	12/12/25 17:44	PB170916
77-47-4	Hexachlorocyclopentadiene	5500		1	340	970	ug/Kg	12/12/25 17:44	PB170916
88-06-2	2,4,6-Trichlorophenol	4500		1	58.3	500	ug/Kg	12/12/25 17:44	PB170916
95-95-4	2,4,5-Trichlorophenol	4500		1	85.6	500	ug/Kg	12/12/25 17:44	PB170916
92-52-4	1,1-Biphenyl	4100		1	64.1	500	ug/Kg	12/12/25 17:44	PB170916
91-58-7	2-Chloronaphthalene	4000		1	66.2	500	ug/Kg	12/12/25 17:44	PB170916
88-74-4	2-Nitroaniline	4400		1	140	500	ug/Kg	12/12/25 17:44	PB170916
131-11-3	Dimethylphthalate	4300		1	79.7	500	ug/Kg	12/12/25 17:44	PB170916
208-96-8	Acenaphthylene	4300		1	85.0	500	ug/Kg	12/12/25 17:44	PB170916
606-20-2	2,6-Dinitrotoluene	4900		1	98.9	500	ug/Kg	12/12/25 17:44	PB170916
99-09-2	3-Nitroaniline	1700		1	140	500	ug/Kg	12/12/25 17:44	PB170916
83-32-9	Acenaphthene	4000		1	62.7	500	ug/Kg	12/12/25 17:44	PB170916
51-28-5	2,4-Dinitrophenol	9600	E	1	670	970	ug/Kg	12/12/25 17:44	PB170916
100-02-7	4-Nitrophenol	8500	E	1	310	970	ug/Kg	12/12/25 17:44	PB170916
132-64-9	Dibenzofuran	4200		1	66.8	500	ug/Kg	12/12/25 17:44	PB170916
121-14-2	2,4-Dinitrotoluene	4600		1	150	500	ug/Kg	12/12/25 17:44	PB170916
84-66-2	Diethylphthalate	4400		1	83.3	500	ug/Kg	12/12/25 17:44	PB170916
7005-72-3	4-Chlorophenyl-phenylether	4400		1	78.6	500	ug/Kg	12/12/25 17:44	PB170916
86-73-7	Fluorene	4300		1	74.4	500	ug/Kg	12/12/25 17:44	PB170916
100-01-6	4-Nitroaniline	3800		1	190	500	ug/Kg	12/12/25 17:44	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	4400		1	300	970	ug/Kg	12/12/25 17:44	PB170916

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Lab Sample ID:	Q3839-03MS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	33.9
Sample Wt/Vol:	30.08 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	4200		1	96.8	500	ug/Kg	12/12/25 17:44	PB170916
101-55-3	4-Bromophenyl-phenylether	4400		1	81.8	500	ug/Kg	12/12/25 17:44	PB170916
118-74-1	Hexachlorobenzene	4400		1	74.4	500	ug/Kg	12/12/25 17:44	PB170916
1912-24-9	Atrazine	4400		1	100	500	ug/Kg	12/12/25 17:44	PB170916
87-86-5	Pentachlorophenol	9200	E	1	150	970	ug/Kg	12/12/25 17:44	PB170916
85-01-8	Phenanthrene	4100		1	61.5	500	ug/Kg	12/12/25 17:44	PB170916
120-12-7	Anthracene	4200		1	98.0	500	ug/Kg	12/12/25 17:44	PB170916
86-74-8	Carbazole	4200		1	91.8	500	ug/Kg	12/12/25 17:44	PB170916
84-74-2	Di-n-butylphthalate	4300		1	140	500	ug/Kg	12/12/25 17:44	PB170916
206-44-0	Fluoranthene	4400		1	88.3	500	ug/Kg	12/12/25 17:44	PB170916
129-00-0	Pyrene	4100		1	110	500	ug/Kg	12/12/25 17:44	PB170916
85-68-7	Butylbenzylphthalate	4100		1	210	500	ug/Kg	12/12/25 17:44	PB170916
91-94-1	3,3-Dichlorobenzidine	2700		1	110	970	ug/Kg	12/12/25 17:44	PB170916
56-55-3	Benzo(a)anthracene	4100		1	67.7	500	ug/Kg	12/12/25 17:44	PB170916
218-01-9	Chrysene	4100		1	58.5	500	ug/Kg	12/12/25 17:44	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	4100		1	170	500	ug/Kg	12/12/25 17:44	PB170916
117-84-0	Di-n-octyl phthalate	4200		1	260	970	ug/Kg	12/12/25 17:44	PB170916
205-99-2	Benzo(b)fluoranthene	4400		1	55.9	500	ug/Kg	12/12/25 17:44	PB170916
207-08-9	Benzo(k)fluoranthene	4300		1	65.9	500	ug/Kg	12/12/25 17:44	PB170916
50-32-8	Benzo(a)pyrene	4300		1	86.8	500	ug/Kg	12/12/25 17:44	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	3800		1	85.6	500	ug/Kg	12/12/25 17:44	PB170916
53-70-3	Dibenzo(a,h)anthracene	4000		1	80.6	500	ug/Kg	12/12/25 17:44	PB170916
191-24-2	Benzo(g,h,i)perylene	3800		1	75.6	500	ug/Kg	12/12/25 17:44	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	4200		1	75.3	500	ug/Kg	12/12/25 17:44	PB170916
123-91-1	1,4-Dioxane	3100		1	130	500	ug/Kg	12/12/25 17:44	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	4900		1	80.6	500	ug/Kg	12/12/25 17:44	PB170916

SURROGATES

367-12-4	2-Fluorophenol	99.5		10 - 105	66%	SPK: 150
13127-88-3	Phenol-d6	99.9		10 - 103	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.2		10 - 108	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.0		10 - 108	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		10 - 116	74%	SPK: 150
1718-51-0	Terphenyl-d14	43.8		10 - 109	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	228000
1146-65-2	Naphthalene-d8	954000
15067-26-2	Acenaphthene-d10	662000
1517-22-2	Phenanthrene-d10	1410000
1719-03-5	Chrysene-d12	1660000
1520-96-3	Perylene-d12	1840000

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	Level: LOW	Test:	SVOC-TCL BNA -20
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	Final Vol: 1000 uL		
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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