

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AS2		SDG No.:	Q3839
Lab Sample ID:	Q3839-13		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	52.2
Sample Wt/Vol:	30.02 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	300	U	1	300	630	ug/Kg	12/12/25 20:02	PB170916
108-95-2	Phenol	42.3	U	1	42.3	330	ug/Kg	12/12/25 20:02	PB170916
111-44-4	bis(2-Chloroethyl)ether	46.5	U	1	46.5	330	ug/Kg	12/12/25 20:02	PB170916
95-57-8	2-Chlorophenol	46.7	U	1	46.7	330	ug/Kg	12/12/25 20:02	PB170916
95-48-7	2-Methylphenol	57.2	U	1	57.2	330	ug/Kg	12/12/25 20:02	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	71.8	U	1	71.8	330	ug/Kg	12/12/25 20:02	PB170916
98-86-2	Acetophenone	56.5	U	1	56.5	330	ug/Kg	12/12/25 20:02	PB170916
65794-96-9	3+4-Methylphenols	78.7	U	1	78.7	630	ug/Kg	12/12/25 20:02	PB170916
621-64-7	n-Nitroso-di-n-propylamine	90.7	U	1	90.7	150	ug/Kg	12/12/25 20:02	PB170916
67-72-1	Hexachloroethane	33.7	U	1	33.7	330	ug/Kg	12/12/25 20:02	PB170916
98-95-3	Nitrobenzene	35.0	U	1	35.0	330	ug/Kg	12/12/25 20:02	PB170916
78-59-1	Isophorone	62.8	U	1	62.8	330	ug/Kg	12/12/25 20:02	PB170916
88-75-5	2-Nitrophenol	110	U	1	110	330	ug/Kg	12/12/25 20:02	PB170916
105-67-9	2,4-Dimethylphenol	120	U	1	120	330	ug/Kg	12/12/25 20:02	PB170916
111-91-1	bis(2-Chloroethoxy)methane	59.0	U	1	59.0	330	ug/Kg	12/12/25 20:02	PB170916
120-83-2	2,4-Dichlorophenol	54.2	U	1	54.2	330	ug/Kg	12/12/25 20:02	PB170916
91-20-3	Naphthalene	43.5	U	1	43.5	330	ug/Kg	12/12/25 20:02	PB170916
106-47-8	4-Chloroaniline	67.8	U	1	67.8	330	ug/Kg	12/12/25 20:02	PB170916
87-68-3	Hexachlorobutadiene	48.4	U	1	48.4	330	ug/Kg	12/12/25 20:02	PB170916
105-60-2	Caprolactam	99.7	U	1	99.7	630	ug/Kg	12/12/25 20:02	PB170916
59-50-7	4-Chloro-3-methylphenol	54.9	U	1	54.9	330	ug/Kg	12/12/25 20:02	PB170916
91-57-6	2-Methylnaphthalene	49.0	U	1	49.0	330	ug/Kg	12/12/25 20:02	PB170916
77-47-4	Hexachlorocyclopentadiene	220	U	1	220	630	ug/Kg	12/12/25 20:02	PB170916
88-06-2	2,4,6-Trichlorophenol	37.9	U	1	37.9	330	ug/Kg	12/12/25 20:02	PB170916
95-95-4	2,4,5-Trichlorophenol	55.7	U	1	55.7	330	ug/Kg	12/12/25 20:02	PB170916
92-52-4	1,1-Biphenyl	41.7	U	1	41.7	330	ug/Kg	12/12/25 20:02	PB170916
91-58-7	2-Chloronaphthalene	43.1	U	1	43.1	330	ug/Kg	12/12/25 20:02	PB170916
88-74-4	2-Nitroaniline	92.1	U	1	92.1	330	ug/Kg	12/12/25 20:02	PB170916
131-11-3	Dimethylphthalate	51.9	U	1	51.9	330	ug/Kg	12/12/25 20:02	PB170916
208-96-8	Acenaphthylene	55.3	U	1	55.3	330	ug/Kg	12/12/25 20:02	PB170916
606-20-2	2,6-Dinitrotoluene	64.3	U	1	64.3	330	ug/Kg	12/12/25 20:02	PB170916
99-09-2	3-Nitroaniline	88.1	U	1	88.1	330	ug/Kg	12/12/25 20:02	PB170916
83-32-9	Acenaphthene	40.8	U	1	40.8	330	ug/Kg	12/12/25 20:02	PB170916
51-28-5	2,4-Dinitrophenol	440	U	1	440	630	ug/Kg	12/12/25 20:02	PB170916
100-02-7	4-Nitrophenol	200	U	1	200	630	ug/Kg	12/12/25 20:02	PB170916
132-64-9	Dibenzofuran	43.5	U	1	43.5	330	ug/Kg	12/12/25 20:02	PB170916
121-14-2	2,4-Dinitrotoluene	95.9	U	1	95.9	330	ug/Kg	12/12/25 20:02	PB170916
84-66-2	Diethylphthalate	54.2	U	1	54.2	330	ug/Kg	12/12/25 20:02	PB170916
7005-72-3	4-Chlorophenyl-phenylether	51.1	U	1	51.1	330	ug/Kg	12/12/25 20:02	PB170916
86-73-7	Fluorene	48.4	U	1	48.4	330	ug/Kg	12/12/25 20:02	PB170916
100-01-6	4-Nitroaniline	120	U	1	120	330	ug/Kg	12/12/25 20:02	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1	200	630	ug/Kg	12/12/25 20:02	PB170916

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Lab Sample ID:	Q3839-13		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	52.2
Sample Wt/Vol:	30.02 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	63.0	U	1	63.0	330	ug/Kg	12/12/25 20:02	PB170916
101-55-3	4-Bromophenyl-phenylether	53.2	U	1	53.2	330	ug/Kg	12/12/25 20:02	PB170916
118-74-1	Hexachlorobenzene	48.4	U	1	48.4	330	ug/Kg	12/12/25 20:02	PB170916
1912-24-9	Atrazine	65.1	U	1	65.1	330	ug/Kg	12/12/25 20:02	PB170916
87-86-5	Pentachlorophenol	98.2	U	1	98.2	630	ug/Kg	12/12/25 20:02	PB170916
85-01-8	Phenanthrene	40.0	U	1	40.0	330	ug/Kg	12/12/25 20:02	PB170916
120-12-7	Anthracene	63.8	U	1	63.8	330	ug/Kg	12/12/25 20:02	PB170916
86-74-8	Carbazole	59.7	U	1	59.7	330	ug/Kg	12/12/25 20:02	PB170916
84-74-2	Di-n-butylphthalate	91.7	U	1	91.7	330	ug/Kg	12/12/25 20:02	PB170916
206-44-0	Fluoranthene	57.4	U	1	57.4	330	ug/Kg	12/12/25 20:02	PB170916
129-00-0	Pyrene	68.9	U	1	68.9	330	ug/Kg	12/12/25 20:02	PB170916
85-68-7	Butylbenzylphthalate	140	U	1	140	330	ug/Kg	12/12/25 20:02	PB170916
91-94-1	3,3-Dichlorobenzidine	70.3	U	1	70.3	630	ug/Kg	12/12/25 20:02	PB170916
56-55-3	Benzo(a)anthracene	44.0	U	1	44.0	330	ug/Kg	12/12/25 20:02	PB170916
218-01-9	Chrysene	38.1	U	1	38.1	330	ug/Kg	12/12/25 20:02	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	1	110	330	ug/Kg	12/12/25 20:02	PB170916
117-84-0	Di-n-octyl phthalate	170	U	1	170	630	ug/Kg	12/12/25 20:02	PB170916
205-99-2	Benzo(b)fluoranthene	36.4	U	1	36.4	330	ug/Kg	12/12/25 20:02	PB170916
207-08-9	Benzo(k)fluoranthene	42.9	U	1	42.9	330	ug/Kg	12/12/25 20:02	PB170916
50-32-8	Benzo(a)pyrene	56.5	U	1	56.5	330	ug/Kg	12/12/25 20:02	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	55.7	U	1	55.7	330	ug/Kg	12/12/25 20:02	PB170916
53-70-3	Dibenzo(a,h)anthracene	52.5	U	1	52.5	330	ug/Kg	12/12/25 20:02	PB170916
191-24-2	Benzo(g,h,i)perylene	49.2	U	1	49.2	330	ug/Kg	12/12/25 20:02	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	49.0	U	1	49.0	330	ug/Kg	12/12/25 20:02	PB170916
123-91-1	1,4-Dioxane	86.5	U	1	86.5	330	ug/Kg	12/12/25 20:02	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	52.5	U	1	52.5	330	ug/Kg	12/12/25 20:02	PB170916

SURROGATES

367-12-4	2-Fluorophenol	107		10 - 105	72%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 103	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.4		10 - 108	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.5		10 - 108	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		10 - 116	75%	SPK: 150
1718-51-0	Terphenyl-d14	58.7		10 - 109	59%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	195000
1146-65-2	Naphthalene-d8	763000
15067-26-2	Acenaphthene-d10	411000
1517-22-2	Phenanthrene-d10	656000
1719-03-5	Chrysene-d12	423000
1520-96-3	Perylene-d12	400000

TENTATIVE IDENTIFIED COMPOUNDS

000080-56-8	.alpha.-Pinene	230	J	6.08	ug/Kg
000119-61-9	Benzophenone	660	J	10.5	ug/Kg

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-10-3	n-Hexadecanoic acid	270	J			11.8	ug/Kg		
024470-48-2	2-Pentenoic acid, 5-(decahydro-5,5	150	J			13.4	ug/Kg		
1000406-04-8	Pentadecafluorooctanoic acid, octa	240	J			13.8	ug/Kg		
000630-01-3	Hexacosane	320	J			15.1	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