

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	12/09/25
Project:	R37092		Date Received:	12/11/25
Client Sample ID:	C0AS3		SDG No.:	Q3839
Lab Sample ID:	Q3839-14		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	87.4
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	180	U	1	180	380	ug/Kg	12/12/25 22:02	PB170916
108-95-2	Phenol	25.2	U	1	25.2	190	ug/Kg	12/12/25 22:02	PB170916
111-44-4	bis(2-Chloroethyl)ether	27.8	U	1	27.8	190	ug/Kg	12/12/25 22:02	PB170916
95-57-8	2-Chlorophenol	27.9	U	1	27.9	190	ug/Kg	12/12/25 22:02	PB170916
95-48-7	2-Methylphenol	34.2	U	1	34.2	190	ug/Kg	12/12/25 22:02	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	42.8	U	1	42.8	190	ug/Kg	12/12/25 22:02	PB170916
98-86-2	Acetophenone	33.7	U	1	33.7	190	ug/Kg	12/12/25 22:02	PB170916
65794-96-9	3+4-Methylphenols	46.9	U	1	46.9	380	ug/Kg	12/12/25 22:02	PB170916
621-64-7	n-Nitroso-di-n-propylamine	54.1	U	1	54.1	91.4	ug/Kg	12/12/25 22:02	PB170916
67-72-1	Hexachloroethane	20.1	U	1	20.1	190	ug/Kg	12/12/25 22:02	PB170916
98-95-3	Nitrobenzene	20.9	U	1	20.9	190	ug/Kg	12/12/25 22:02	PB170916
78-59-1	Isophorone	37.5	U	1	37.5	190	ug/Kg	12/12/25 22:02	PB170916
88-75-5	2-Nitrophenol	66.5	U	1	66.5	190	ug/Kg	12/12/25 22:02	PB170916
105-67-9	2,4-Dimethylphenol	74.0	U	1	74.0	190	ug/Kg	12/12/25 22:02	PB170916
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	1	35.2	190	ug/Kg	12/12/25 22:02	PB170916
120-83-2	2,4-Dichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/12/25 22:02	PB170916
91-20-3	Naphthalene	25.9	U	1	25.9	190	ug/Kg	12/12/25 22:02	PB170916
106-47-8	4-Chloroaniline	40.4	U	1	40.4	190	ug/Kg	12/12/25 22:02	PB170916
87-68-3	Hexachlorobutadiene	28.9	U	1	28.9	190	ug/Kg	12/12/25 22:02	PB170916
105-60-2	Caprolactam	59.5	U	1	59.5	380	ug/Kg	12/12/25 22:02	PB170916
59-50-7	4-Chloro-3-methylphenol	32.8	U	1	32.8	190	ug/Kg	12/12/25 22:02	PB170916
91-57-6	2-Methylnaphthalene	29.2	U	1	29.2	190	ug/Kg	12/12/25 22:02	PB170916
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/12/25 22:02	PB170916
88-06-2	2,4,6-Trichlorophenol	22.6	U	1	22.6	190	ug/Kg	12/12/25 22:02	PB170916
95-95-4	2,4,5-Trichlorophenol	33.2	U	1	33.2	190	ug/Kg	12/12/25 22:02	PB170916
92-52-4	1,1-Biphenyl	24.9	U	1	24.9	190	ug/Kg	12/12/25 22:02	PB170916
91-58-7	2-Chloronaphthalene	25.7	U	1	25.7	190	ug/Kg	12/12/25 22:02	PB170916
88-74-4	2-Nitroaniline	54.9	U	1	54.9	190	ug/Kg	12/12/25 22:02	PB170916
131-11-3	Dimethylphthalate	31.0	U	1	31.0	190	ug/Kg	12/12/25 22:02	PB170916
208-96-8	Acenaphthylene	33.0	U	1	33.0	190	ug/Kg	12/12/25 22:02	PB170916
606-20-2	2,6-Dinitrotoluene	38.4	U	1	38.4	190	ug/Kg	12/12/25 22:02	PB170916
99-09-2	3-Nitroaniline	52.5	U	1	52.5	190	ug/Kg	12/12/25 22:02	PB170916
83-32-9	Acenaphthene	24.3	U	1	24.3	190	ug/Kg	12/12/25 22:02	PB170916
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/12/25 22:02	PB170916
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/12/25 22:02	PB170916
132-64-9	Dibenzofuran	25.9	U	1	25.9	190	ug/Kg	12/12/25 22:02	PB170916
121-14-2	2,4-Dinitrotoluene	57.2	U	1	57.2	190	ug/Kg	12/12/25 22:02	PB170916
84-66-2	Diethylphthalate	32.3	U	1	32.3	190	ug/Kg	12/12/25 22:02	PB170916
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	1	30.5	190	ug/Kg	12/12/25 22:02	PB170916
86-73-7	Fluorene	28.9	U	1	28.9	190	ug/Kg	12/12/25 22:02	PB170916
100-01-6	4-Nitroaniline	73.3	U	1	73.3	190	ug/Kg	12/12/25 22:02	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/12/25 22:02	PB170916

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Lab Sample ID:	Q3839-14		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	87.4
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
86-30-6	n-Nitrosodiphenylamine	37.6	U	1	37.6	190	ug/Kg	12/12/25 22:02	PB170916
101-55-3	4-Bromophenyl-phenylether	31.8	U	1	31.8	190	ug/Kg	12/12/25 22:02	PB170916
118-74-1	Hexachlorobenzene	28.9	U	1	28.9	190	ug/Kg	12/12/25 22:02	PB170916
1912-24-9	Atrazine	38.8	U	1	38.8	190	ug/Kg	12/12/25 22:02	PB170916
87-86-5	Pentachlorophenol	58.6	U	1	58.6	380	ug/Kg	12/12/25 22:02	PB170916
85-01-8	Phenanthrene	23.9	U	1	23.9	190	ug/Kg	12/12/25 22:02	PB170916
120-12-7	Anthracene	38.0	U	1	38.0	190	ug/Kg	12/12/25 22:02	PB170916
86-74-8	Carbazole	35.6	U	1	35.6	190	ug/Kg	12/12/25 22:02	PB170916
84-74-2	Di-n-butylphthalate	54.7	U	1	54.7	190	ug/Kg	12/12/25 22:02	PB170916
206-44-0	Fluoranthene	34.3	U	1	34.3	190	ug/Kg	12/12/25 22:02	PB170916
129-00-0	Pyrene	41.1	U	1	41.1	190	ug/Kg	12/12/25 22:02	PB170916
85-68-7	Butylbenzylphthalate	81.6	U	1	81.6	190	ug/Kg	12/12/25 22:02	PB170916
91-94-1	3,3-Dichlorobenzidine	41.9	U	1	41.9	380	ug/Kg	12/12/25 22:02	PB170916
56-55-3	Benzo(a)anthracene	26.3	U	1	26.3	190	ug/Kg	12/12/25 22:02	PB170916
218-01-9	Chrysene	22.7	U	1	22.7	190	ug/Kg	12/12/25 22:02	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	1	67.6	190	ug/Kg	12/12/25 22:02	PB170916
117-84-0	Di-n-octyl phthalate	99.1	U	1	99.1	380	ug/Kg	12/12/25 22:02	PB170916
205-99-2	Benzo(b)fluoranthene	21.7	U	1	21.7	190	ug/Kg	12/12/25 22:02	PB170916
207-08-9	Benzo(k)fluoranthene	25.6	U	1	25.6	190	ug/Kg	12/12/25 22:02	PB170916
50-32-8	Benzo(a)pyrene	33.7	U	1	33.7	190	ug/Kg	12/12/25 22:02	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	33.2	U	1	33.2	190	ug/Kg	12/12/25 22:02	PB170916
53-70-3	Dibenzo(a,h)anthracene	31.3	U	1	31.3	190	ug/Kg	12/12/25 22:02	PB170916
191-24-2	Benzo(g,h,i)perylene	29.4	U	1	29.4	190	ug/Kg	12/12/25 22:02	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	29.2	U	1	29.2	190	ug/Kg	12/12/25 22:02	PB170916
123-91-1	1,4-Dioxane	51.6	U	1	51.6	190	ug/Kg	12/12/25 22:02	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	1	31.3	190	ug/Kg	12/12/25 22:02	PB170916

SURROGATES

367-12-4	2-Fluorophenol	110		10 - 105	74%	SPK: 150
13127-88-3	Phenol-d6	111		10 - 103	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.1		10 - 108	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.5		10 - 108	67%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	86%	SPK: 150
1718-51-0	Terphenyl-d14	61.6		10 - 109	62%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	200000
1146-65-2	Naphthalene-d8	788000
15067-26-2	Acenaphthene-d10	418000
1517-22-2	Phenanthrene-d10	726000
1719-03-5	Chrysene-d12	448000
1520-96-3	Perylene-d12	416000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	400	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	140	J	11.8	ug/Kg

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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
1000351-89-1	Octatriacontyl pentafluoropropiona	120	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