Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	12/09/25
Project:	R37092			Date Received:	12/11/25
Client Sample ID:	C0AN1			SDG No.:	Q3839
Lab Sample ID:	Q3839-05			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	81.2
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	190	U	1	190	410	ug/Kg	12/12/25 17:03	PB170916
108-95-2	Phenol	27.2	U	1	27.2	210	ug/Kg	12/12/25 17:03	PB170916
111-44-4	bis(2-Chloroethyl)ether	29.9	U	1	29.9	210	ug/Kg	12/12/25 17:03	PB170916
95-57-8	2-Chlorophenol	30.0	U	1	30.0	210	ug/Kg	12/12/25 17:03	PB170916
95-48-7	2-Methylphenol	36.8	U	1	36.8	210	ug/Kg	12/12/25 17:03	PB170916
108-60-1	2,2-oxybis(1-Chloropropane)	46.2	U	1	46.2	210	ug/Kg	12/12/25 17:03	PB170916
98-86-2	Acetophenone	36.3	U	1	36.3	210	ug/Kg	12/12/25 17:03	PB170916
65794-96-9	3+4-Methylphenols	50.6	U	1	50.6	410	ug/Kg	12/12/25 17:03	PB170916
621-64-7	n-Nitroso-di-n-propylamine	58.3	U	1	58.3	98.5	ug/Kg	12/12/25 17:03	PB170916
67-72-1	Hexachloroethane	21.7	U	1	21.7	210	ug/Kg	12/12/25 17:03	PB170916
98-95-3	Nitrobenzene	22.5	U	1	22.5	210	ug/Kg	12/12/25 17:03	PB170916
78-59-1	Isophorone	40.4	U	1	40.4	210	ug/Kg	12/12/25 17:03	PB170916
88-75-5	2-Nitrophenol	71.6	U	1	71.6	210	ug/Kg	12/12/25 17:03	PB170916
105-67-9	2,4-Dimethylphenol	79.7	U	1	79.7	210	ug/Kg	12/12/25 17:03	PB170916
111-91-1	bis(2-Chloroethoxy)methane	37.9	U	1	37.9	210	ug/Kg	12/12/25 17:03	PB170916
120-83-2	2,4-Dichlorophenol	34.8	U	1	34.8	210	ug/Kg	12/12/25 17:03	PB170916
91-20-3	Naphthalene	27.9	U	1	27.9	210	ug/Kg	12/12/25 17:03	PB170916
106-47-8	4-Chloroaniline	43.6	U	1	43.6	210	ug/Kg	12/12/25 17:03	PB170916
87-68-3	Hexachlorobutadiene	31.1	U	1	31.1	210	ug/Kg	12/12/25 17:03	PB170916
105-60-2	Caprolactam	64.1	U	1	64.1	410	ug/Kg	12/12/25 17:03	PB170916
59-50-7	4-Chloro-3-methylphenol	35.3	U	1	35.3	210	ug/Kg	12/12/25 17:03	PB170916
91-57-6	2-Methylnaphthalene	31.5	U	1	31.5	210	ug/Kg	12/12/25 17:03	PB170916
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	410	ug/Kg	12/12/25 17:03	PB170916
88-06-2	2,4,6-Trichlorophenol	24.4	U	1	24.4	210	ug/Kg	12/12/25 17:03	PB170916
95-95-4	2,4,5-Trichlorophenol	35.8	U	1	35.8	210	ug/Kg	12/12/25 17:03	PB170916
92-52-4	1,1-Biphenyl	26.8	U	1	26.8	210	ug/Kg	12/12/25 17:03	PB170916
91-58-7	2-Chloronaphthalene	27.7	U	1	27.7	210	ug/Kg	12/12/25 17:03	PB170916
88-74-4	2-Nitroaniline	59.2	U	1	59.2	210	ug/Kg	12/12/25 17:03	PB170916
131-11-3	Dimethylphthalate	33.4	U	1	33.4	210	ug/Kg	12/12/25 17:03	PB170916
208-96-8	Acenaphthylene	35.6	U	1	35.6	210	ug/Kg	12/12/25 17:03	PB170916
606-20-2	2,6-Dinitrotoluene	41.4	U	1	41.4	210	ug/Kg	12/12/25 17:03	PB170916
99-09-2	3-Nitroaniline	56.6	U	1	56.6	210	ug/Kg	12/12/25 17:03	PB170916
83-32-9	Acenaphthene	26.2	U	1	26.2	210	ug/Kg	12/12/25 17:03	PB170916
51-28-5	2,4-Dinitrophenol	280	U	1	280	410	ug/Kg	12/12/25 17:03	PB170916
100-02-7	4-Nitrophenol	130	U	1	130	410	ug/Kg	12/12/25 17:03	PB170916
132-64-9	Dibenzofuran	27.9	U	1	27.9	210	ug/Kg	12/12/25 17:03	PB170916
121-14-2	2,4-Dinitrotoluene	61.7	U	1	61.7	210	ug/Kg	12/12/25 17:03	PB170916
84-66-2	Diethylphthalate	34.8	U	1	34.8	210	ug/Kg	12/12/25 17:03	PB170916
7005-72-3	4-Chlorophenyl-phenylether	32.9	U	1	32.9	210	ug/Kg	12/12/25 17:03	PB170916
86-73-7	Fluorene	31.1	U	1	31.1	210	ug/Kg	12/12/25 17:03	PB170916
100-01-6	4-Nitroaniline	79.0	U	1	79.0	210	ug/Kg	12/12/25 17:03	PB170916
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	410	ug/Kg	12/12/25 17:03	PB170916

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Client Sample ID:	C0AN1			SDG No.:	Q3839
Lab Sample ID:	Q3839-05			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	81.2
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	40.5	U	1	40.5	210	ug/Kg	12/12/25 17:03	PB170916
101-55-3	4-Bromophenyl-phenylether	34.2	U	1	34.2	210	ug/Kg	12/12/25 17:03	PB170916
118-74-1	Hexachlorobenzene	31.1	U	1	31.1	210	ug/Kg	12/12/25 17:03	PB170916
1912-24-9	Atrazine	41.8	U	1	41.8	210	ug/Kg	12/12/25 17:03	PB170916
87-86-5	Pentachlorophenol	63.1	U	1	63.1	410	ug/Kg	12/12/25 17:03	PB170916
85-01-8	Phenanthrene	25.7	U	1	25.7	210	ug/Kg	12/12/25 17:03	PB170916
120-12-7	Anthracene	41.0	U	1	41.0	210	ug/Kg	12/12/25 17:03	PB170916
86-74-8	Carbazole	38.4	U	1	38.4	210	ug/Kg	12/12/25 17:03	PB170916
84-74-2	Di-n-butylphthalate	59.0	U	1	59.0	210	ug/Kg	12/12/25 17:03	PB170916
206-44-0	Fluoranthene	36.9	U	1	36.9	210	ug/Kg	12/12/25 17:03	PB170916
129-00-0	Pyrene	44.3	U	1	44.3	210	ug/Kg	12/12/25 17:03	PB170916
85-68-7	Butylbenzylphthalate	87.9	U	1	87.9	210	ug/Kg	12/12/25 17:03	PB170916
91-94-1	3,3-Dichlorobenzidine	45.2	U	1	45.2	410	ug/Kg	12/12/25 17:03	PB170916
56-55-3	Benzo(a)anthracene	28.3	U	1	28.3	210	ug/Kg	12/12/25 17:03	PB170916
218-01-9	Chrysene	24.5	U	1	24.5	210	ug/Kg	12/12/25 17:03	PB170916
117-81-7	Bis(2-ethylhexyl)phthalate	72.9	U	1	72.9	210	ug/Kg	12/12/25 17:03	PB170916
117-84-0	Di-n-octyl phthalate	110	U	1	110	410	ug/Kg	12/12/25 17:03	PB170916
205-99-2	Benzo(b)fluoranthene	23.4	U	1	23.4	210	ug/Kg	12/12/25 17:03	PB170916
207-08-9	Benzo(k)fluoranthene	27.6	U	1	27.6	210	ug/Kg	12/12/25 17:03	PB170916
50-32-8	Benzo(a)pyrene	36.3	U	1	36.3	210	ug/Kg	12/12/25 17:03	PB170916
193-39-5	Indeno(1,2,3-cd)pyrene	35.8	U	1	35.8	210	ug/Kg	12/12/25 17:03	PB170916
53-70-3	Dibenzo(a,h)anthracene	33.7	U	1	33.7	210	ug/Kg	12/12/25 17:03	PB170916
191-24-2	Benzo(g,h,i)perylene	31.6	U	1	31.6	210	ug/Kg	12/12/25 17:03	PB170916
95-94-3	1,2,4,5-Tetrachlorobenzene	31.5	U	1	31.5	210	ug/Kg	12/12/25 17:03	PB170916
123-91-1	1,4-Dioxane	55.6	U	1	55.6	210	ug/Kg	12/12/25 17:03	PB170916
58-90-2	2,3,4,6-Tetrachlorophenol	33.7	U	1	33.7	210	ug/Kg	12/12/25 17:03	PB170916
SURROGATES									
367-12-4	2-Fluorophenol	91.3			10 - 105	61%	SPK: 150		
13127-88-3	Phenol-d6	87.6			10 - 103	58%	SPK: 150		
4165-60-0	Nitrobenzene-d5	58.5			10 - 108	58%	SPK: 100		
321-60-8	2-Fluorobiphenyl	56.1			10 - 108	56%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	103			10 - 116	68%	SPK: 150		
1718-51-0	Terphenyl-d14	63.6			10 - 109	64%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	293000							
1146-65-2	Naphthalene-d8	1190000							
15067-26-2	Acenaphthene-d10	789000							
1517-22-2	Phenanthrene-d10	1590000							
1719-03-5	Chrysene-d12	1590000							
1520-96-3	Perylene-d12	1480000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	200	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	270	J			18.0	ug/Kg		

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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
000112-88-9	1-Octadecene	160	J			20.0	ug/Kg		
077899-03-7	1-Heneicosyl formate	230	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