

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	07/17/25
Project:	Leon Avenue	Date Received:	07/18/25
Client Sample ID:	MH 6-5	SDG No.:	Q2651
Lab Sample ID:	Q2651-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143172.D	1	07/21/25 09:30	07/21/25 15:29	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	350	ug/Kg
108-95-2	Phenol	23.6	U	23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.9	U	25.9	180	ug/Kg
95-57-8	2-Chlorophenol	26.0	U	26.0	180	ug/Kg
95-48-7	2-Methylphenol	31.9	U	31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.0	U	40.0	180	ug/Kg
98-86-2	Acetophenone	31.4	U	31.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.8	U	43.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.5	U	50.5	85.3	ug/Kg
67-72-1	Hexachloroethane	18.8	U	18.8	180	ug/Kg
98-95-3	Nitrobenzene	19.5	U	19.5	180	ug/Kg
78-59-1	Isophorone	35.0	U	35.0	180	ug/Kg
88-75-5	2-Nitrophenol	62.0	U	62.0	180	ug/Kg
105-67-9	2,4-Dimethylphenol	69.1	U	69.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.8	U	32.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.2	U	30.2	180	ug/Kg
91-20-3	Naphthalene	24.2	U	24.2	180	ug/Kg
106-47-8	4-Chloroaniline	37.7	U	37.7	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.0	U	27.0	180	ug/Kg
105-60-2	Caprolactam	55.5	U	55.5	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.6	U	30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.3	U	27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.1	U	21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.0	U	31.0	180	ug/Kg
92-52-4	1,1-Biphenyl	23.2	U	23.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.0	U	24.0	180	ug/Kg
88-74-4	2-Nitroaniline	51.3	U	51.3	180	ug/Kg
131-11-3	Dimethylphthalate	28.9	U	28.9	180	ug/Kg

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208-96-8	Acenaphthylene	30.8	U	30.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.8	U	35.8	180	ug/Kg
99-09-2	3-Nitroaniline	49.0	U	49.0	180	ug/Kg
83-32-9	Acenaphthene	22.7	U	22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	24.2	U	24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.4	U	53.4	180	ug/Kg
84-66-2	Diethylphthalate	30.2	U	30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.5	U	28.5	180	ug/Kg
86-73-7	Fluorene	27.0	U	27.0	180	ug/Kg
100-01-6	4-Nitroaniline	68.4	U	68.4	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.1	U	35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.6	U	29.6	180	ug/Kg
118-74-1	Hexachlorobenzene	27.0	U	27.0	180	ug/Kg
1912-24-9	Atrazine	36.2	U	36.2	180	ug/Kg
87-86-5	Pentachlorophenol	54.7	UQ	54.7	350	ug/Kg
85-01-8	Phenanthrene	22.3	U	22.3	180	ug/Kg
120-12-7	Anthracene	35.5	U	35.5	180	ug/Kg
86-74-8	Carbazole	33.3	U	33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.0	U	51.0	180	ug/Kg
206-44-0	Fluoranthene	32.0	U	32.0	180	ug/Kg
129-00-0	Pyrene	38.4	U	38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	76.1	UQ	76.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.1	U	39.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.5	U	24.5	180	ug/Kg
218-01-9	Chrysene	21.2	U	21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	92.5	U	92.5	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.2	U	20.2	180	ug/Kg

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50-32-8	Benzo(a)pyrene	31.4	U	31.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.0	U	31.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.2	U	29.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.4	U	27.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.3	U	27.3	180	ug/Kg
123-91-1	1,4-Dioxane	48.2	U	48.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.2	U	29.2	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	52.0		18 - 112	35%	SPK: 150
13127-88-3	Phenol-d6	55.3		15 - 107	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	35.7		18 - 107	36%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.5		20 - 109	40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	49.9		10 - 116	33%	SPK: 150
1718-51-0	Terphenyl-d14	30.8		10 - 105	31%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	136000	6.963	
1146-65-2	Naphthalene-d8	503000	8.239	
15067-26-2	Acenaphthene-d10	242000	9.998	
1517-22-2	Phenanthrene-d10	333000	11.48	
1719-03-5	Chrysene-d12	276000	14.121	
1520-96-3	Perylene-d12	194000	15.627	

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	600	J	2.28	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	AB	5.19	ug/Kg
000119-61-9	Benzophenone	120	J	10.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	360	J	12.0	ug/Kg
000057-11-4	Octadecanoic acid	74.6	J	12.8	ug/Kg
000296-56-0	Cycloeicosane	210	J	14.0	ug/Kg

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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