

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 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
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	J	190	410	ug/Kg
108-95-2	Phenol	880		27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		30.0	210	ug/Kg
95-57-8	2-Chlorophenol	910		30.1	210	ug/Kg
95-48-7	2-Methylphenol	870		36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		46.3	210	ug/Kg
98-86-2	Acetophenone	1100		36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	870		50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	850		58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	890		21.7	210	ug/Kg
98-95-3	Nitrobenzene	950		22.6	210	ug/Kg
78-59-1	Isophorone	970		40.5	210	ug/Kg
88-75-5	2-Nitrophenol	890		71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		80.0	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	890		34.9	210	ug/Kg
91-20-3	Naphthalene	930		28.0	210	ug/Kg
106-47-8	4-Chloroaniline	330		43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	990		31.2	210	ug/Kg
105-60-2	Caprolactam	950		64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	860		31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	1100		26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	970		27.8	210	ug/Kg
88-74-4	2-Nitroaniline	980		59.4	210	ug/Kg
131-11-3	Dimethylphthalate	990		33.5	210	ug/Kg

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208-96-8	Acenaphthylene	1100		35.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		41.5	210	ug/Kg
99-09-2	3-Nitroaniline	800		56.8	210	ug/Kg
83-32-9	Acenaphthene	980		26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	580		280	410	ug/Kg
100-02-7	4-Nitrophenol	2100		130	410	ug/Kg
132-64-9	Dibenzofuran	950		28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		61.8	210	ug/Kg
84-66-2	Diethylphthalate	940		34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		33.0	210	ug/Kg
86-73-7	Fluorene	1100		31.2	210	ug/Kg
100-01-6	4-Nitroaniline	850		79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900		34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	910		31.2	210	ug/Kg
1912-24-9	Atrazine	1200		42.0	210	ug/Kg
87-86-5	Pentachlorophenol	1900		63.3	410	ug/Kg
85-01-8	Phenanthrene	1700		25.8	210	ug/Kg
120-12-7	Anthracene	1100		41.1	210	ug/Kg
86-74-8	Carbazole	1100		38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	940		59.1	210	ug/Kg
206-44-0	Fluoranthene	1800		37.0	210	ug/Kg
129-00-0	Pyrene	1500		44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	910		88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		28.4	210	ug/Kg
218-01-9	Chrysene	1300		24.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		73.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		23.5	210	ug/Kg

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207-08-9	Benzo(k)fluoranthene	990		27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		31.6	210	ug/Kg
123-91-1	1,4-Dioxane	970		55.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.6		30 (18) - 130 (112)	62%	SPK: 150
13127-88-3	Phenol-d6	87.6		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.5		30 (18) - 130 (107)	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.9		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	62.8		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	139000	6.881			
1146-65-2	Naphthalene-d8	493000	8.163			
15067-26-2	Acenaphthene-d10	239000	9.916			
1517-22-2	Phenanthrene-d10	402000	11.404			
1719-03-5	Chrysene-d12	317000	14.045			
1520-96-3	Perylene-d12	248000	15.521			

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