

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		GPC Cleanup :	N
		PH :	
		Test:	SVOC-TCL BNA -20
		Final Vol:	1000
			uL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	800	U	800	1700	ug/Kg
108-95-2	Phenol	110	U	110	870	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	870	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	870	ug/Kg
95-48-7	2-Methylphenol	150	U	150	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	870	ug/Kg
98-86-2	Acetophenone	150	U	150	870	ug/Kg
65794-96-9	3+4-Methylphenols	210	U	210	1700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	410	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	870	ug/Kg
98-95-3	Nitrobenzene	93.3	U	93.3	870	ug/Kg
78-59-1	Isophorone	170	U	170	870	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	870	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	870	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	870	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	870	ug/Kg
91-20-3	Naphthalene	120	U	120	870	ug/Kg
106-47-8	4-Chloroaniline	180	UQ	180	870	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	870	ug/Kg
105-60-2	Caprolactam	270	U	270	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	870	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	870	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590	UQ	590	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	870	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	870	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	870	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	870	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	870	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	870	ug/Kg

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208-96-8	Acenaphthylene	150	U	150	870	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	870	ug/Kg
99-09-2	3-Nitroaniline	230	UQ	230	870	ug/Kg
83-32-9	Acenaphthene	110	U	110	870	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1700	ug/Kg
100-02-7	4-Nitrophenol	550	U	550	1700	ug/Kg
132-64-9	Dibenzofuran	120	U	120	870	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	870	ug/Kg
84-66-2	Diethylphthalate	140	U	140	870	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	870	ug/Kg
86-73-7	Fluorene	130	U	130	870	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	530	U	530	1700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	870	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	870	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	870	ug/Kg
1912-24-9	Atrazine	170	UQ	170	870	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	1700	ug/Kg
85-01-8	Phenanthrene	520	J	110	870	ug/Kg
120-12-7	Anthracene	170	U	170	870	ug/Kg
86-74-8	Carbazole	160	U	160	870	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	870	ug/Kg
206-44-0	Fluoranthene	830	J	150	870	ug/Kg
129-00-0	Pyrene	580	J	180	870	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	870	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	1700	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	870	ug/Kg
218-01-9	Chrysene	550	J	100	870	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43100	E	300	870	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.9	U	96.9	870	ug/Kg

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207-08-9	Benzo(k)fluoranthene	110	U	110	870	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	870	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	870	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	870	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	870	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	870	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	870	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	870	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	32.7	*	30 (18) - 130 (112)	22%	SPK: 150
13127-88-3	Phenol-d6	31.0	*	30 (15) - 130 (107)	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	23.6	*	30 (18) - 130 (107)	24%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.2	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.0	*	30 (10) - 130 (116)	21%	SPK: 150
1718-51-0	Terphenyl-d14	26.0	*	30 (10) - 130 (105)	26%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	135000	6.881
1146-65-2	Naphthalene-d8	483000	8.163
15067-26-2	Acenaphthene-d10	242000	9.916
1517-22-2	Phenanthrene-d10	414000	11.404
1719-03-5	Chrysene-d12	299000	14.045
1520-96-3	Perylene-d12	246000	15.569

TENTATIVE IDENTIFIED COMPOUNDS

000085-44-9	Phthalic anhydride	720	J	8.92	ug/Kg
000057-10-3	n-Hexadecanoic acid	1400	J	11.9	ug/Kg
000057-11-4	Octadecanoic acid	2000	J	12.7	ug/Kg
1000377-94-6	Phthalic acid, 4-methylhept-3-yl u	3400	J	16.8	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