

Report of Analysis

Client:	G Environmental	Date Collected:	02/28/25
Project:	Nelson	Date Received:	02/28/25
Client Sample ID:	TR-04-02282025MSD	SDG No.:	Q1447
Lab Sample ID:	Q1475-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.6
Sample Wt/Vol:	50.07 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
BF141820.D	1	03/03/25 13:15	03/03/25 18:45	PB166957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	530		120	220	ug/Kg
108-95-2	Phenol	1000		54.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		54.7	110	ug/Kg
95-57-8	2-Chlorophenol	1000		54.6	110	ug/Kg
95-48-7	2-Methylphenol	1000		52.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		59.5	110	ug/Kg
98-86-2	Acetophenone	1000		56.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		52.2	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		26.4	52.3	ug/Kg
67-72-1	Hexachloroethane	960		54.3	110	ug/Kg
98-95-3	Nitrobenzene	1000		59.4	110	ug/Kg
78-59-1	Isophorone	970		55.3	110	ug/Kg
88-75-5	2-Nitrophenol	940		61.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		61.0	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	900		56.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		49.4	110	ug/Kg
91-20-3	Naphthalene	1000		54.0	110	ug/Kg
106-47-8	4-Chloroaniline	380		54.0	110	ug/Kg
87-68-3	Hexachlorobutadiene	910		54.5	110	ug/Kg
105-60-2	Caprolactam	1400		56.8	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		50.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		54.0	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		100	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		46.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		48.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		57.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	970		54.5	110	ug/Kg
88-74-4	2-Nitroaniline	1100		62.1	110	ug/Kg
131-11-3	Dimethylphthalate	960		53.4	110	ug/Kg

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208-96-8	Acenaphthylene	1100		56.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.4	110	ug/Kg
99-09-2	3-Nitroaniline	890		58.3	110	ug/Kg
83-32-9	Acenaphthene	1400		53.0	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	160	220	ug/Kg
100-02-7	4-Nitrophenol	3100	E	75.9	220	ug/Kg
132-64-9	Dibenzofuran	1100		55.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		56.4	110	ug/Kg
84-66-2	Diethylphthalate	990		52.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		56.0	110	ug/Kg
86-73-7	Fluorene	1400		55.9	110	ug/Kg
100-01-6	4-Nitroaniline	1400		70.0	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	900		76.5	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	980		53.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	940		51.6	110	ug/Kg
118-74-1	Hexachlorobenzene	960		55.6	110	ug/Kg
1912-24-9	Atrazine	1400		59.8	110	ug/Kg
87-86-5	Pentachlorophenol	2000	E	50.6	220	ug/Kg
85-01-8	Phenanthrene	2900	E	54.9	110	ug/Kg
120-12-7	Anthracene	1700		55.2	110	ug/Kg
86-74-8	Carbazole	1400		52.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		55.1	110	ug/Kg
206-44-0	Fluoranthene	3300	E	53.4	110	ug/Kg
129-00-0	Pyrene	2700	E	54.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		63.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		64.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	2400	E	52.8	110	ug/Kg
218-01-9	Chrysene	2100	E	52.0	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		59.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		72.0	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	E	53.0	110	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1400		54.0	110	ug/Kg
50-32-8	Benzo(a)pyrene	2100	E	60.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		51.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		52.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	980		56.8	110	ug/Kg
123-91-1	1,4-Dioxane	920		72.0	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		48.9	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	118		30 (18) - 130 (112)	79%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.0		30 (18) - 130 (107)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		30 (20) - 130 (109)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		30 (10) - 130 (116)	91%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		30 (10) - 130 (105)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.887			
1146-65-2	Naphthalene-d8	472000	8.169			
15067-26-2	Acenaphthene-d10	295000	9.928			
1517-22-2	Phenanthrene-d10	545000	11.41			
1719-03-5	Chrysene-d12	364000	14.057			
1520-96-3	Perylene-d12	326000	15.527			

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