

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141821.D	1	03/03/25 13:15	03/03/25 19:14	PB166957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	89.5	U	89.5	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.4	U	90.4	180	ug/Kg
95-57-8	2-Chlorophenol	90.2	U	90.2	180	ug/Kg
95-48-7	2-Methylphenol	87.0	U	87.0	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.1	U	98.1	180	ug/Kg
98-86-2	Acetophenone	93.8	U	93.8	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.2	U	86.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.5	U	43.5	86.4	ug/Kg
67-72-1	Hexachloroethane	89.6	U	89.6	180	ug/Kg
98-95-3	Nitrobenzene	98.0	U	98.0	180	ug/Kg
78-59-1	Isophorone	91.3	U	91.3	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.6	U	92.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.5	U	81.5	180	ug/Kg
91-20-3	Naphthalene	94.7	J	89.2	180	ug/Kg
106-47-8	4-Chloroaniline	89.2	UQ	89.2	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.9	U	89.9	180	ug/Kg
105-60-2	Caprolactam	93.7	U	93.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.7	U	83.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.1	U	89.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.9	U	79.9	180	ug/Kg
92-52-4	1,1-Biphenyl	94.4	U	94.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.9	U	89.9	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	88.2	U	88.2	180	ug/Kg

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Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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208-96-8	Acenaphthylene	93.4	U	93.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.8	U	89.8	180	ug/Kg
99-09-2	3-Nitroaniline	96.3	UQ	96.3	180	ug/Kg
83-32-9	Acenaphthene	87.6	U	87.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	91.1	U	91.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.1	U	93.1	180	ug/Kg
84-66-2	Diethylphthalate	86.5	U	86.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.4	U	92.4	180	ug/Kg
86-73-7	Fluorene	92.3	U	92.3	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.1	U	88.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.2	U	85.2	180	ug/Kg
118-74-1	Hexachlorobenzene	91.8	U	91.8	180	ug/Kg
1912-24-9	Atrazine	98.7	U	98.7	180	ug/Kg
87-86-5	Pentachlorophenol	83.5	U	83.5	360	ug/Kg
85-01-8	Phenanthrene	90.7	U	90.7	180	ug/Kg
120-12-7	Anthracene	91.1	U	91.1	180	ug/Kg
86-74-8	Carbazole	86.7	U	86.7	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.0	U	91.0	180	ug/Kg
206-44-0	Fluoranthene	88.2	U	88.2	180	ug/Kg
129-00-0	Pyrene	89.6	U	89.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.1	U	87.1	180	ug/Kg
218-01-9	Chrysene	85.8	U	85.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		98.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.6	U	87.6	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	89.2	U	89.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.3	U	84.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.7	U	87.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.5	U	86.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.7	U	93.7	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.7	U	80.7	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	86.1		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	84.6		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.8		30 (18) - 130 (107)	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.8		30 (20) - 130 (109)	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.0		30 (10) - 130 (116)	61%	SPK: 150
1718-51-0	Terphenyl-d14	49.8		30 (10) - 130 (105)	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	144000	6.892
1146-65-2	Naphthalene-d8	617000	8.169
15067-26-2	Acenaphthene-d10	349000	9.928
1517-22-2	Phenanthrene-d10	458000	11.433
1719-03-5	Chrysene-d12	417000	14.116
1520-96-3	Perylene-d12	464000	15.621

TENTATIVE IDENTIFIED COMPOUNDS

	unknown6.145	220	J	6.14	ug/Kg
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	210	J	6.63	ug/Kg
000108-67-8	Mesitylene	430	J	6.72	ug/Kg
	unknown7.004	250	J	7.00	ug/Kg
001678-98-4	Cyclohexane, (2-methylpropyl)-	320	J	7.04	ug/Kg
000112-41-4	1-Dodecene	260	J	7.16	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	320	J	7.29	ug/Kg

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000527-84-4	o-Cymene	170	J		7.38	ug/Kg
	unknown7.534	650	J		7.53	ug/Kg
013287-21-3	Tridecane, 6-methyl-	490	J		7.59	ug/Kg
017312-54-8	Decane, 3,7-dimethyl-	1700	J		7.67	ug/Kg
004292-92-6	Cyclohexane, pentyl-	570	J		7.79	ug/Kg
	unknown7.816	190	J		7.82	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	380	J		7.91	ug/Kg
	unknown8.104	420	J		8.10	ug/Kg
	unknown8.410	180	J		8.41	ug/Kg
004575-46-6	Benzene, 1-cyclohexyl-3-methyl-	680	J		9.56	ug/Kg
007098-22-8	Tetratetracontane	820	J		9.65	ug/Kg
000719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6-	390	J		9.74	ug/Kg
1000309-19-6	Sulfurous acid, 2-ethylhexyl tride	720	J		10.9	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