

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Nelson		Date Received:	
Client Sample ID:	PB168098BS		SDG No.:	Q2073
Lab Sample ID:	PB168098BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	34.3		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.4		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.1		1.30	5.00	ug/L
98-86-2	Acetophenone	41.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.0		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.3		0.76	5.00	ug/L
78-59-1	Isophorone	38.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.5		0.68	5.00	ug/L
91-20-3	Naphthalene	43.0		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.1		0.54	5.00	ug/L
105-60-2	Caprolactam	42.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	41.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	80.6	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	42.9		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	42.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.8		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	20.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
132-64-9	Dibenzofuran	43.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	43.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.9		0.68	5.00	ug/L
86-73-7	Fluorene	44.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	46.3		1.50	5.00	ug/L

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86-30-6	n-Nitrosodiphenylamine	43.9		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.5		0.52	5.00	ug/L
1912-24-9	Atrazine	46.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	44.5		0.61	5.00	ug/L
86-74-8	Carbazole	45.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.0		0.82	5.00	ug/L
129-00-0	Pyrene	44.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.9		0.45	5.00	ug/L
218-01-9	Chrysene	44.1		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	46.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.3		1.00	5.00	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	72.8		30 (49) - 130 (133)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.3		30 (52) - 130 (132)	76%	SPK: 100
1718-51-0	Terphenyl-d14	77.9		30 (48) - 130 (125)	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	115000	7.652			
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1146-65-2	Naphthalene-d8	452000	10.422			
15067-26-2	Acenaphthene-d10	283000	14.287			
1517-22-2	Phenanthrene-d10	569000	17.087			
1719-03-5	Chrysene-d12	655000	21.522			
1520-96-3	Perylene-d12	755000	24.821			

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