

Report of Analysis

Client:	G Environmental	Date Collected:	02/07/25
Project:	Nelson	Date Received:	02/07/25
Client Sample ID:	WC-13MS	SDG No.:	Q1237
Lab Sample ID:	Q1343-13MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	88.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF141610.D	1	02/10/25 09:45	02/13/25 13:17	PB166640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1000		56.0	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.7	120	ug/Kg
83-32-9	Acenaphthene	1000		55.0	120	ug/Kg
86-73-7	Fluorene	1000		58.0	120	ug/Kg
85-01-8	Phenanthrene	1100		57.0	120	ug/Kg
120-12-7	Anthracene	1100		57.2	120	ug/Kg
206-44-0	Fluoranthene	1100		55.4	120	ug/Kg
129-00-0	Pyrene	1100		56.3	120	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.7	120	ug/Kg
218-01-9	Chrysene	1100		53.9	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.0	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		56.0	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		54.3	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	63.3		30 (18) - 130 (107)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.7		30 (20) - 130 (109)	62%	SPK: 100
1718-51-0	Terphenyl-d14	65.1		30 (10) - 130 (105)	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	96300	6.787			
1146-65-2	Naphthalene-d8	379000	8.069			
15067-26-2	Acenaphthene-d10	214000	9.822			
1517-22-2	Phenanthrene-d10	371000	11.31			
1719-03-5	Chrysene-d12	257000	13.957			
1520-96-3	Perylene-d12	208000	15.41			

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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