

Report of Analysis

Client:	G Environmental	Date Collected:	03/05/25
Project:	Nelson	Date Received:	03/05/25
Client Sample ID:	RHL1PXIMSD	SDG No.:	Q1492
Lab Sample ID:	Q1492-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.8
Sample Wt/Vol:	30.05 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
BF141876.D	1	03/06/25 09:10	03/06/25 18:58	PB167012

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1600		88.9	180	ug/Kg
208-96-8	Acenaphthylene	1600		93.1	180	ug/Kg
83-32-9	Acenaphthene	1700		87.2	180	ug/Kg
86-73-7	Fluorene	1600		92.0	180	ug/Kg
85-01-8	Phenanthrene	1600		90.4	180	ug/Kg
120-12-7	Anthracene	1600		90.8	180	ug/Kg
206-44-0	Fluoranthene	1600		87.9	180	ug/Kg
129-00-0	Pyrene	1300		89.3	180	ug/Kg
56-55-3	Benzo(a)anthracene	1600		86.8	180	ug/Kg
218-01-9	Chrysene	1600		85.5	180	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		87.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		88.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		84.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		87.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		86.2	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	101		30 (18) - 130 (112)	68%	SPK: 150
13127-88-3	Phenol-d6	99.8		30 (15) - 130 (107)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.3		30 (18) - 130 (107)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		30 (20) - 130 (109)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		30 (10) - 130 (116)	85%	SPK: 150
1718-51-0	Terphenyl-d14	68.8		30 (10) - 130 (105)	69%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	166000	6.887
1146-65-2	Naphthalene-d8	641000	8.169
15067-26-2	Acenaphthene-d10	343000	9.922
1517-22-2	Phenanthrene-d10	535000	11.404
1719-03-5	Chrysene-d12	409000	14.045

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1520-96-3	Perylene-d12	393000	15.521			

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