

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Nelson		Date Received:	
Client Sample ID:	PB167012BL		SDG No.:	Q1492
Lab Sample ID:	PB167012BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.01	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
BF141907.D	1	03/06/25 09:10	03/10/25 17:09	PB167012

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

91-20-3	Naphthalene	82.6	U	82.6	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	170	ug/Kg
85-01-8	Phenanthrene	84.0	U	84.0	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	170	ug/Kg
129-00-0	Pyrene	83.0	U	83.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	170	ug/Kg
50-32-8	Benzo(a)pyrene	93.0	U	93.0	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	113		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	109		30 (15) - 130 (107)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.7		30 (18) - 130 (107)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.6		30 (20) - 130 (109)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	79.9		30 (10) - 130 (105)	80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	216000	6.881
1146-65-2	Naphthalene-d8	851000	8.157
15067-26-2	Acenaphthene-d10	501000	9.91
1517-22-2	Phenanthrene-d10	952000	11.398
1719-03-5	Chrysene-d12	661000	14.033

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1520-96-3	Perylene-d12	463000	15.504			

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