

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	HL2PX6MS		SDG No.:	Q1237	
Lab Sample ID:	Q1237-06MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.2	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 17:55	PB166417

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1	1.95	2.16	mg/kg	FC068168.D
Aliphatic C9-C28	Aliphatic C9-C28	134	E	1	1.86	4.32	mg/kg	FC068168.D
Total AliphaticEPH	Total AliphaticEPH	187			3.81	6.48	mg/kg	
Total EPH	Total EPH	187			3.81	6.48	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068168.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	134	E	1.86	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1.95	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-06MS	Acq On:	31 Jan 2025 17:55
Client Sample ID:	HL2PX6MS	Operator:	YP/AJ
Data file:	FC068168.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	22663191	163.647	300	ug/ml
Aliphatic C12-C16	6.395	9.777	35181572	255.47	200	ug/ml
Aliphatic C16-C21	9.778	13.129	81940472	606.88	300	ug/ml
Aliphatic C21-C28	13.130	16.780	105259115	827.46	400	ug/ml
Aliphatic C28-C40	16.781	21.588	76154468	734.806	600	ug/ml
Aliphatic EPH	3.128	21.588	321198818	2590		ug/ml
ortho-Terphenyl (SURR)	11.424	11.424	5218508	33.39		ug/ml
1-chlorooctadecane (SURR)	12.864	12.864	4036643	35.1		ug/ml
Aliphatic C9-C28	3.128	16.780	245044350	1850	1200	ug/ml