

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167231BSD	SDG No.:	Q1574
Lab Sample ID:	PB167231BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/19/25 15:00	03/20/25 13:29	PB167231

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.24		1	0.14	1.00	mg/kg FF015698.D
Aliphatic C12-C16	Aliphatic C12-C16	4.93		1	0.11	0.67	mg/kg FF015698.D
Aliphatic C16-C21	Aliphatic C16-C21	8.66		1	0.13	1.00	mg/kg FF015698.D
Aliphatic C21-C28	Aliphatic C21-C28	11.6		1	0.53	1.33	mg/kg FF015698.D
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1	1.18	2.00	mg/kg FF015698.D
Aromatic C10-C12	Aromatic C10-C12	4.26		1	0.12	0.67	mg/kg FG015515.D
Aromatic C12-C16	Aromatic C12-C16	8.37		1	0.23	1.00	mg/kg FG015515.D
Aromatic C16-C21	Aromatic C16-C21	17.2		1	0.40	1.67	mg/kg FG015515.D
Aromatic C21-C36	Aromatic C21-C36	30.7		1	1.19	2.67	mg/kg FG015515.D
Total AliphaticEPH	Total AliphaticEPH	48.9			2.09	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	60.5			1.94	6.01	mg/kg
Total EPH	Total EPH	109			4.03	12.0	mg/kg

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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015698.D	1	03/19/25	03/20/25	PB167231

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.24		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.93		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.66		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.6		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.5		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.3		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167231BSD	Acq On:	20 Mar 2025 13:29
Client Sample ID:	PB167231BSD	Operator:	YP\AJ
Data file:	FF015698.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.833	10101372	78.631	300	ug/ml
Aliphatic C12-C16	6.834	10.268	9730415	73.931	200	ug/ml
Aliphatic C16-C21	10.269	13.635	17588777	129.927	300	ug/ml
Aliphatic C21-C28	13.636	17.299	23085719	174.524	400	ug/ml
Aliphatic C28-C40	17.300	22.199	30053377	277.894	600	ug/ml
Aliphatic EPH	3.210	22.199	90559660	734.907		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	4460553	39.3		ug/ml
Aliphatic C9-C28	3.210	17.299	60506283	457.013	1200	ug/ml