

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	98
Sample Wt/Vol:	30.09 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 13:59	PB167231

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	2.32		1	0.14	1.02	mg/kg FF015699.D
Aliphatic C12-C16	Aliphatic C12-C16	1.35		1	0.11	0.68	mg/kg FF015699.D
Aliphatic C16-C21	Aliphatic C16-C21	48.1		10	1.32	10.2	mg/kg FF015703.D
Aliphatic C21-C28	Aliphatic C21-C28	779		50	27.0	67.8	mg/kg FF015704.D
Aliphatic C28-C40	Aliphatic C28-C40	841		50	60.0	101	mg/kg FF015704.D
Aromatic C10-C12	Aromatic C10-C12	4.33		1	0.12	0.68	mg/kg FG015516.D
Aromatic C12-C16	Aromatic C12-C16	4.55		1	0.23	1.02	mg/kg FG015516.D
Aromatic C16-C21	Aromatic C16-C21	10.0		1	0.41	1.70	mg/kg FG015516.D
Aromatic C21-C36	Aromatic C21-C36	5140		250	302	678	mg/kg FG015521.D
Total AliphaticEPH	Total AliphaticEPH	1670			88.6	181	mg/kg
Total AromaticEPH	Total AromaticEPH	5160			303	681	mg/kg
Total EPH	Total EPH	6830			391	862	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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Analytical Method:	NJEPH	% Solid:	98
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015699.D	1	03/19/25	03/20/25	PB167231

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	2.32		0.14	1.02	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.35		0.11	0.68	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	52.6	E	0.13	1.02	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	643	E	0.54	1.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	760	E	1.20	2.03	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.4		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1574-01	Acq On:	20 Mar 2025 13:59
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FF015699.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.833	4393564	34.2	300	ug/ml
Aliphatic C12-C16	6.834	10.268	2620444	19.91	200	ug/ml
Aliphatic C16-C21	10.269	13.635	104931728	775.122	300	ug/ml
Aliphatic C21-C28	13.636	17.299	1255702496	9490	400	ug/ml
Aliphatic C28-C40	17.300	22.199	1213036900	11200	600	ug/ml
Aliphatic EPH	3.210	22.199	2580685132	21500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	6519038	57.44		ug/ml
Aliphatic C9-C28	3.210	17.299	1367648232	10300	1200	ug/ml