

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	WC1MS	SDG No.:	Q1574
Lab Sample ID:	Q1574-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	98
Sample Wt/Vol:	30.03 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 14:58	PB167231

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	8.80		1	0.14	1.02	mg/kg FF015701.D
Aliphatic C12-C16	Aliphatic C12-C16	7.47		1	0.11	0.68	mg/kg FF015701.D
Aliphatic C16-C21	Aliphatic C16-C21	71.8	E	1	0.13	1.02	mg/kg FF015701.D
Aliphatic C21-C28	Aliphatic C21-C28	867	E	1	0.54	1.36	mg/kg FF015701.D
Aliphatic C28-C40	Aliphatic C28-C40	1140	E	1	1.20	2.04	mg/kg FF015701.D
Aromatic C10-C12	Aromatic C10-C12	10.1		1	0.12	0.68	mg/kg FG015518.D
Aromatic C12-C16	Aromatic C12-C16	16.5		1	0.23	1.02	mg/kg FG015518.D
Aromatic C16-C21	Aromatic C16-C21	18.9		1	0.41	1.70	mg/kg FG015518.D
Aromatic C21-C36	Aromatic C21-C36	6990	E	1	1.21	2.72	mg/kg FG015518.D
Total AliphaticEPH	Total AliphaticEPH	2090			2.13	6.12	mg/kg
Total AromaticEPH	Total AromaticEPH	7030			1.97	6.12	mg/kg
Total EPH	Total EPH	9130			4.10	12.2	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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FF015701.D	1	03/19/25	03/20/25	PB167231

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Aliphatic C12-C16	Aliphatic C12-C16	7.47		0.11	0.68	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	71.8	E	0.13	1.02	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	867	E	0.54	1.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1140	E	1.20	2.04	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1574-01MS	Acq On:	20 Mar 2025 14:58
Client Sample ID:	WC1MS	Operator:	YP\AJ
Data file:	FF015701.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.833	16632418	129.47	300	ug/ml
Aliphatic C12-C16	6.834	10.268	14462435	109.885	200	ug/ml
Aliphatic C16-C21	10.269	13.635	142999105	1060	300	ug/ml
Aliphatic C21-C28	13.636	17.299	1689105930	12800	400	ug/ml
Aliphatic C28-C40	17.300	22.199	1809379549	16700	600	ug/ml
Aliphatic EPH	3.210	22.199	3672579437	30800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	4949834	43.61		ug/ml
Aliphatic C9-C28	3.210	17.299	1863199888	14100	1200	ug/ml