

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	WC1MSD	SDG No.:	Q2743
Lab Sample ID:	Q2743-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 08:00	08/12/25 16:32	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.03		1	0.18	1.28	mg/kg FC069641.D
Aliphatic C12-C16	Aliphatic C12-C16	5.46		1	0.14	0.85	mg/kg FC069641.D
Aliphatic C16-C21	Aliphatic C16-C21	8.76		1	0.17	1.28	mg/kg FC069641.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg FC069641.D
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1	1.50	2.55	mg/kg FC069641.D
Aromatic C10-C12	Aromatic C10-C12	6.43		1	0.15	0.85	mg/kg FD049622.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg FD049622.D
Aromatic C16-C21	Aromatic C16-C21	23.0		1	0.51	2.13	mg/kg FD049622.D
Aromatic C21-C36	Aromatic C21-C36	35.7		1	1.52	3.40	mg/kg FD049622.D
Total AliphaticEPH	Total AliphaticEPH	49.4			2.66	7.66	mg/kg
Total AromaticEPH	Total AromaticEPH	75.3			2.48	7.66	mg/kg
Total EPH	Total EPH	125			5.14	15.3	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069641.D	1	08/11/25	08/12/25	PB169209

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Aliphatic C12-C16	Aliphatic C12-C16	5.46		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.76		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1.50	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MSD	Acq On:	12 Aug 2025 16:32
Client Sample ID:	Q2743-01MSD	Operator:	YP/AJ
Data file:	FC069641.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	3.296	6.594	10261318	70.925	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9215838	64.251	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13758116	103.01	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14083613	119.042	400	ug/ml
Aliphatic C28-C40	17.033	22.008	21317907	223.657	600	ug/ml
Aliphatic EPH	3.296	22.008	68636792	580.884		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	3444063	31.59		ug/ml
Aliphatic C9-C28	3.296	17.032	47318885	357.228	1200	ug/ml