

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 13:21	PB169209

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.95		1	0.14	1.00	mg/kg	FC069637.D
Aliphatic C12-C16	Aliphatic C12-C16	5.45		1	0.11	0.67	mg/kg	FC069637.D
Aliphatic C16-C21	Aliphatic C16-C21	9.19		1	0.13	1.00	mg/kg	FC069637.D
Aliphatic C21-C28	Aliphatic C21-C28	12.7		1	0.53	1.33	mg/kg	FC069637.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069637.D
Aromatic C10-C12	Aromatic C10-C12	5.23		1	0.12	0.67	mg/kg	FD049618.D
Aromatic C12-C16	Aromatic C12-C16	8.87		1	0.23	1.00	mg/kg	FD049618.D
Aromatic C16-C21	Aromatic C16-C21	16.5		1	0.40	1.67	mg/kg	FD049618.D
Aromatic C21-C36	Aromatic C21-C36	27.9		1	1.19	2.66	mg/kg	FD049618.D
Total AliphaticEPH	Total AliphaticEPH	54.3			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.5			1.94	6.00	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069637.D	1	08/11/25	08/12/25	PB169209

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Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.4		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BSD	Acq On:	12 Aug 2025 13:21
Client Sample ID:	PB169209BSD	Operator:	YP/AJ
Data file:	FC069637.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	12913366	89.255	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11742647	81.867	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18420047	137.915	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22622609	191.218	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30004304	314.79	600	ug/ml
Aliphatic EPH	3.296	22.008	95702973	815.046		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4948752	45.39		ug/ml
Aliphatic C9-C28	3.296	17.032	65698669	500.255	1200	ug/ml