

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	TGP		Date Received:		
Client Sample ID:	PB169823BS		SDG No.:	Q3192	
Lab Sample ID:	PB169823BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
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
09/25/25 08:15	09/26/25 13:39	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.20		1	0.14	1.00	mg/kg FC069855.D
Aliphatic C12-C16	Aliphatic C12-C16	4.49		1	0.11	0.67	mg/kg FC069855.D
Aliphatic C16-C21	Aliphatic C16-C21	7.34		1	0.13	1.00	mg/kg FC069855.D
Aliphatic C21-C28	Aliphatic C21-C28	9.80		1	0.53	1.33	mg/kg FC069855.D
Aliphatic C28-C40	Aliphatic C28-C40	16.1		1	1.18	2.00	mg/kg FC069855.D
Aromatic C10-C12	Aromatic C10-C12	4.45		1	0.12	0.67	mg/kg FD049784.D
Aromatic C12-C16	Aromatic C12-C16	7.22		1	0.23	1.00	mg/kg FD049784.D
Aromatic C16-C21	Aromatic C16-C21	14.6		1	0.40	1.67	mg/kg FD049784.D
Aromatic C21-C36	Aromatic C21-C36	24.7		1	1.19	2.66	mg/kg FD049784.D
Total AliphaticEPH	Total AliphaticEPH	42.9			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	51.0			1.94	6.00	mg/kg
Total EPH	Total EPH	93.9			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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Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069855.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.20		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.49		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.34		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.80		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.1		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169823BS	Acq On:	26 Sep 2025 13:39
Client Sample ID:	PB169823BS	Operator:	YP/AJ
Data file:	FC069855.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	3.300	6.593	10420261	78.041	300	ug/ml
Aliphatic C12-C16	6.594	9.993	10565427	67.436	200	ug/ml
Aliphatic C16-C21	9.994	13.360	19791143	110.227	300	ug/ml
Aliphatic C21-C28	13.361	17.023	26619658	147.117	400	ug/ml
Aliphatic C28-C40	17.024	21.984	31014223	241.024	600	ug/ml
Aliphatic EPH	3.300	21.984	98410712	643.845		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.097	13.097	6171064	39.08		ug/ml
Aliphatic C9-C28	3.300	17.023	67396489	402.821	1200	ug/ml