

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB167690BSD	SDG No.:	Q1851
Lab Sample ID:	PB167690BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/22/25 09:40	04/22/25 14:47	PB167690

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	22.7		1	1.18	2.00	mg/kg FG015736.D
Aliphatic C9-C28	Aliphatic C9-C28	67.6		1	0.91	3.99	mg/kg FG015736.D
Total AliphaticEPH	Total AliphaticEPH	90.3			2.09	5.99	mg/kg
Total EPH	Total EPH	90.3			2.09	5.99	mg/kg

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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
FG015736.D	1	04/22/25	04/22/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	67.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167690BSD	Acq On:	22 Apr 2025 14:47
Client Sample ID:	PB167690BSD	Operator:	YP\AJ
Data file:	FG015736.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.145	6.786	20874500	185.155	300	ug/ml
Aliphatic C12-C16	6.787	10.235	26824799	232.364	200	ug/ml
Aliphatic C16-C21	10.236	13.612	31173162	262.035	300	ug/ml
Aliphatic C21-C28	13.613	17.283	37863703	334.806	400	ug/ml
Aliphatic C28-C40	17.284	22.194	33561027	340.176	600	ug/ml
Aliphatic EPH	3.145	22.194	150297191	1350		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	5230164	36.08		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4125892	39.02		ug/ml
Aliphatic C9-C28	3.145	17.283	116736164	1010	1200	ug/ml