

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	ETGI-275MS	SDG No.:	Q1851
Lab Sample ID:	Q1848-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.9
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 16:15	PB167690

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	98.4	E	1	1.37	2.33	mg/kg	FG015739.D
Aliphatic C9-C28	Aliphatic C9-C28	131	E	1	1.06	4.65	mg/kg	FG015739.D
Total AliphaticEPH	Total AliphaticEPH	230			2.43	6.98	mg/kg	
Total EPH	Total EPH	230			2.43	6.98	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
FG015739.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	131	E	1.06	4.65	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	98.4	E	1.37	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.3		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1848-03MS	Acq On:	22 Apr 2025 16:15
Client Sample ID:	ETGI-275MS	Operator:	YP\AJ
Data file:	FG015739.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.145	6.786	15586324	138.25	300	ug/ml
Aliphatic C12-C16	6.787	10.235	23704538	205.336	200	ug/ml
Aliphatic C16-C21	10.236	13.612	53703328	451.419	300	ug/ml
Aliphatic C21-C28	13.613	17.283	101703750	899.305	400	ug/ml
Aliphatic C28-C40	17.284	22.194	125180156	1270	600	ug/ml
Aliphatic EPH	3.145	22.194	319878096	2960		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	3382078	23.33		ug/ml
1-chlorooctadecane (SURR)	13.346	13.346	3382551	31.99		ug/ml
Aliphatic C9-C28	3.145	17.283	194697940	1690	1200	ug/ml