

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Stockton		Date Received:		
Client Sample ID:	GST2MS		SDG No.:	Q1736	
Lab Sample ID:	Q1736-02MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	80.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
04/07/25 09:40	04/07/25 17:30	PB167477

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	1.13	4.96	mg/kg	FC068502.D
Total EPH	Total EPH	111			1.13	4.96	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068502.D	1	04/07/25	04/07/25	PB167477

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1.13	4.96	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.5	E	1.46	2.48	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.9		40 - 140	80%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1736-02MS	Acq On:	07 Apr 2025 17:30
Client Sample ID:	GST2MS	Operator:	YP/AJ
Data file:	FC068502.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.349	6.652	27436774	241.402	300	ug/ml
Aliphatic C12-C16	6.653	10.053	35128627	310.965	200	ug/ml
Aliphatic C16-C21	10.054	13.420	40249527	365.128	300	ug/ml
Aliphatic C21-C28	13.421	17.087	47368512	429.271	400	ug/ml
Aliphatic C28-C40	17.088	22.097	55673647	683.756	600	ug/ml
Aliphatic EPH	3.349	22.097	205857087	2030		ug/ml
ortho-Terphenyl (SURR)	11.727	11.727	5146164	39.91		ug/ml
1-chlorooctadecane (SURR)	13.158	13.158	3943089	42.86		ug/ml
Aliphatic C9-C28	3.349	17.087	150183440	1350	1200	ug/ml