

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	GST2MSD	SDG No.:	Q1736
Lab Sample ID:	Q1736-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.5
Sample Wt/Vol:	30.04 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 18:08	PB167477

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	109	E	1	1.13	4.96	mg/kg	FC068503.D
Total EPH	Total EPH	109			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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FC068503.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	109	E	1.13	4.96	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.9	E	1.46	2.48	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.3		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.3		40 - 140	79%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1736-02MSD	Acq On:	07 Apr 2025 18:08
Client Sample ID:	GST2MSD	Operator:	YP/AJ
Data file:	FC068503.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.349	6.652	26521674	233.35	300	ug/ml
Aliphatic C12-C16	6.653	10.053	33962049	300.638	200	ug/ml
Aliphatic C16-C21	10.054	13.420	39116334	354.849	300	ug/ml
Aliphatic C21-C28	13.421	17.087	46787993	424.011	400	ug/ml
Aliphatic C28-C40	17.088	22.097	56036693	688.215	600	ug/ml
Aliphatic EPH	3.349	22.097	202424743	2000		ug/ml
ortho-Terphenyl (SURR)	11.727	11.727	5069084	39.31		ug/ml
1-chlorooctadecane (SURR)	13.159	13.159	3889005	42.28		ug/ml
Aliphatic C9-C28	3.349	17.087	146388050	1310	1200	ug/ml