

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	GCAP1MSD		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
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
06/24/25 08:47	06/24/25 17:45	PB168596

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	156	E	1	1.06	4.68	mg/kg	FC069272.D
Total EPH	Total EPH	156			1.06	4.68	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

Report of Analysis

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Client Sample ID:	GCAP1MSD	SDG No.:	Q2363
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Analytical Method:	NJEPH	% Solid:	85.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069272.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	156	E	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9		1.38	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.3		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.9		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01MSD	Acq On:	24 Jun 2025 17:45
Client Sample ID:	GCAP1MSD	Operator:	YP/AJ
Data file:	FC069272.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	97115317	662.091	300	ug/ml
Aliphatic C12-C16	6.607	10.010	105116721	660.237	200	ug/ml
Aliphatic C16-C21	10.011	13.381	49548670	320.84	300	ug/ml
Aliphatic C21-C28	13.382	17.047	49114203	366.616	400	ug/ml
Aliphatic C28-C40	17.048	22.029	45995912	499.28	600	ug/ml
Aliphatic EPH	3.308	22.029	346890823	2510		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4302738	24.91		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3439876	26.33		ug/ml
Aliphatic C9-C28	3.308	17.047	300894911	2010	1200	ug/ml