

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	WC-1MSD	SDG No.:	Q2503
Lab Sample ID:	Q2515-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.5
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
07/07/25 09:30	07/07/25 18:01	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1	1.35	2.28	mg/kg	FG016233.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	1.04	4.56	mg/kg	FG016233.D

* 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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Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1	1.35	2.28	mg/kg	FG016233.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	1.04	4.56	mg/kg	FG016233.D
Total AliphaticEPH	Total AliphaticEPH	161			2.39	6.84	mg/kg	
Total EPH	Total EPH	161			2.39	6.84	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.

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016233.D	1	07/07/25	07/07/25	PB168738

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	49.8	E	1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.7		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01MSD	Acq On:	07 Jul 2025 18:01
Client Sample ID:	Q2515-01MSD	Operator:	YP\AJ
Data file:	FG016233.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	24346147	222.678	300	ug/ml
Aliphatic C12-C16	6.959	10.419	34347110	307.152	200	ug/ml
Aliphatic C16-C21	10.420	13.811	52910221	462.18	300	ug/ml
Aliphatic C21-C28	13.812	17.498	53035974	463.641	400	ug/ml
Aliphatic C28-C40	17.499	22.561	60131950	653.638	600	ug/ml
Aliphatic EPH	3.313	22.561	224771402	2110		ug/ml
ortho-Terphenyl (SURR)	12.098	12.098	4481342	34.73		ug/ml
1-chlorooctadecane (SURR)	13.543	13.543	3820596	37.92		ug/ml
Aliphatic C9-C28	3.313	17.498	164639452	1460	1200	ug/ml