

Report of Analysis

Client:	ENVOCARE Environmental Facility Management dba UAV		Date Collected:	07/03/25	
Project:	MV Trucking		Date Received:	07/03/25	
Client Sample ID:	WC-1		SDG No.:	Q2515	
Lab Sample ID:	Q2515-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.5	
Sample Wt/Vol:	30.06	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 16:32	PB168738

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	12.4		1	1.35	2.28	mg/kg FG016230.D
Aliphatic C9-C28	Aliphatic C9-C28	5.56		1	1.04	4.56	mg/kg FG016230.D
Total AliphaticEPH	Total AliphaticEPH	18.0			2.39	6.84	mg/kg
Total EPH	Total EPH	18.0			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.

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
FG016230.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	5.56		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.4		1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.9		40 - 140	104%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2515-01	Acq On:	07 Jul 2025 16:32
Client Sample ID:	wc-1	Operator:	YP\AJ
Data file:	FG016230.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.958	3735637	34.167	300	ug/ml
Aliphatic C12-C16	6.959	10.419	1025416	9.17	200	ug/ml
Aliphatic C16-C21	10.420	13.811	1692867	14.787	300	ug/ml
Aliphatic C21-C28	13.812	17.498	1719695	15.034	400	ug/ml
Aliphatic C28-C40	17.499	22.561	14967972	162.703	600	ug/ml
Aliphatic EPH	3.313	22.561	23141587	235.861		ug/ml
ortho-Terphenyl (SURR)	12.099	12.099	6693465	51.88		ug/ml
1-chlorooctadecane (SURR)	13.544	13.544	5657373	56.14		ug/ml
Aliphatic C9-C28	3.313	17.498	8173615	73.158	1200	ug/ml