

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	EX-9-TPH-15MSD		SDG No.:	P4839	
Lab Sample ID:	P4839-07MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 15:49	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	45.8	E	1	0.46	1.21	mg/kg	FC067777.D
Aliphatic C12-C16	Aliphatic C12-C16	67.7	E	1	0.29	0.81	mg/kg	FC067777.D
Aliphatic C16-C21	Aliphatic C16-C21	17.0		1	0.36	1.21	mg/kg	FC067777.D
Aliphatic C21-C28	Aliphatic C21-C28	18.0		1	0.97	1.61	mg/kg	FC067777.D
Aliphatic C28-C40	Aliphatic C28-C40	32.0		1	2.17	2.41	mg/kg	FC067777.D
Aromatic C10-C12	Aromatic C10-C12	12.2		1	0.36	0.81	mg/kg	FD048746.D
Aromatic C12-C16	Aromatic C12-C16	28.4	E	1	0.41	1.21	mg/kg	FD048746.D
Aromatic C16-C21	Aromatic C16-C21	31.8		1	1.16	2.01	mg/kg	FD048746.D
Aromatic C21-C36	Aromatic C21-C36	42.7		1	2.41	3.22	mg/kg	FD048746.D
Total AliphaticEPH	Total AliphaticEPH	181			4.25	7.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	115			4.34	7.25	mg/kg	
Total EPH	Total EPH	296			8.59	14.5	mg/kg	

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

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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067777.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C28-C40	Aliphatic C28-C40	32.0		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-07MSD	Acq On:	15 Nov 2024 15:49
Client Sample ID:	P4839-07MSD	Operator:	YP/AJ
Data file:	FC067777.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	356665222	2240		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	5959755	41.06		ug/ml
Aliphatic C9-C12	3.172	6.448	94312326	568.862	300	ug/ml
Aliphatic C12-C16	6.449	9.838	143303844	841.062	200	ug/ml
Aliphatic C16-C21	9.839	13.196	35735594	210.678	300	ug/ml
Aliphatic C21-C28	13.197	16.850	35207267	223.851	400	ug/ml
Aliphatic C28-C40	16.851	21.693	48106191	397.206	600	ug/ml
Aliphatic C9-C28	3.172	16.850	308559031	1840	1200	ug/ml