

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-19		SDG No.:	P4839	
Lab Sample ID:	P4839-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
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 18:18	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	13.3		1	0.46	1.20	mg/kg	FC067781.D
Aliphatic C12-C16	Aliphatic C12-C16	24.8		5	1.44	3.99	mg/kg	FC067819.D
Aliphatic C16-C21	Aliphatic C16-C21	3.81		1	0.36	1.20	mg/kg	FC067781.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.60	mg/kg	FC067781.D
Aliphatic C28-C40	Aliphatic C28-C40	8.71		1	2.16	2.40	mg/kg	FC067781.D
Aromatic C10-C12	Aromatic C10-C12	1.94		1	0.36	0.80	mg/kg	FD048750.D
Aromatic C12-C16	Aromatic C12-C16	6.88		1	0.41	1.20	mg/kg	FD048750.D
Aromatic C16-C21	Aromatic C16-C21	4.77		1	1.15	2.00	mg/kg	FD048750.D
Aromatic C21-C36	Aromatic C21-C36	2.40	U	1	2.40	3.20	mg/kg	FD048750.D
Total AliphaticEPH	Total AliphaticEPH	50.6			5.37	10.4	mg/kg	
Total AromaticEPH	Total AromaticEPH	13.6			4.32	7.20	mg/kg	
Total EPH	Total EPH	64.2			9.69	17.6	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

* = Values outside of QC limits

D = Dilution

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067781.D	1	11/14/24	11/15/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	13.3		0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	27.7	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	3.81		0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.71		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-11	Acq On:	15 Nov 2024 18:18
Client Sample ID:	EX-9-TPH-19	Operator:	YP/AJ
Data file:	FC067781.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	108597975	673.965		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	5053895	34.82		ug/ml
Aliphatic C9-C12	3.172	6.448	27615469	166.568	300	ug/ml
Aliphatic C12-C16	6.449	9.838	58965664	346.074	200	ug/ml
Aliphatic C16-C21	9.839	13.196	8082878	47.652	300	ug/ml
Aliphatic C21-C28	13.197	16.850	726950	4.622	400	ug/ml
Aliphatic C28-C40	16.851	21.693	13207014	109.049	600	ug/ml
Aliphatic C9-C28	3.172	16.850	95390961	564.916	1200	ug/ml