

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-16	SDG No.:	P4839
Lab Sample ID:	P4839-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 16:26	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.32		1	0.45	1.19	mg/kg FC067778.D
Aliphatic C12-C16	Aliphatic C12-C16	7.44		1	0.29	0.79	mg/kg FC067778.D
Aliphatic C16-C21	Aliphatic C16-C21	0.93	J	1	0.36	1.19	mg/kg FC067778.D
Aliphatic C21-C28	Aliphatic C21-C28	0.95	U	1	0.95	1.59	mg/kg FC067778.D
Aliphatic C28-C40	Aliphatic C28-C40	2.71		1	2.14	2.38	mg/kg FC067778.D
Aromatic C10-C12	Aromatic C10-C12	3.48		1	0.36	0.79	mg/kg FD048747.D
Aromatic C12-C16	Aromatic C12-C16	3.44		1	0.41	1.19	mg/kg FD048747.D
Aromatic C16-C21	Aromatic C16-C21	1.82	J	1	1.14	1.99	mg/kg FD048747.D
Aromatic C21-C36	Aromatic C21-C36	2.38	U	1	2.38	3.18	mg/kg FD048747.D
Total AliphaticEPH	Total AliphaticEPH	17.4			4.19	7.14	mg/kg
Total AromaticEPH	Total AromaticEPH	8.74			4.28	7.15	mg/kg
Total EPH	Total EPH	26.1			8.47	14.3	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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067778.D	1	11/14/24	11/15/24	PB164996

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.9		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-08	Acq On:	15 Nov 2024 16:26
Client Sample ID:	EX-9-TPH-16	Operator:	YP/AJ
Data file:	FC067778.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	35989687	223.625		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4637222	31.95		ug/ml
Aliphatic C9-C12	3.172	6.448	13202933	79.636	300	ug/ml
Aliphatic C12-C16	6.449	9.838	15968600	93.721	200	ug/ml
Aliphatic C16-C21	9.839	13.196	1992333	11.746	300	ug/ml
Aliphatic C21-C28	13.197	16.850	697152	4.433	400	ug/ml
Aliphatic C28-C40	16.851	21.693	4128669	34.09	600	ug/ml
Aliphatic C9-C28	3.172	16.850	31861018	189.536	1200	ug/ml