

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-20	SDG No.:	P4839
Lab Sample ID:	P4839-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.04	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 18:54	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	1.95		1	0.48	1.26	mg/kg FC067782.D
Aliphatic C12-C16	Aliphatic C12-C16	12.1		1	0.30	0.84	mg/kg FC067782.D
Aliphatic C16-C21	Aliphatic C16-C21	13.0		1	0.38	1.26	mg/kg FC067782.D
Aliphatic C21-C28	Aliphatic C21-C28	3.14		1	1.01	1.68	mg/kg FC067782.D
Aliphatic C28-C40	Aliphatic C28-C40	13.3		1	2.27	2.52	mg/kg FC067782.D
Aromatic C10-C12	Aromatic C10-C12	0.70	J	1	0.38	0.84	mg/kg FD048751.D
Aromatic C12-C16	Aromatic C12-C16	8.64		1	0.43	1.26	mg/kg FD048751.D
Aromatic C16-C21	Aromatic C16-C21	13.9		1	1.21	2.10	mg/kg FD048751.D
Aromatic C21-C36	Aromatic C21-C36	6.28		1	2.52	3.36	mg/kg FD048751.D
Total AliphaticEPH	Total AliphaticEPH	43.5			4.44	7.56	mg/kg
Total AromaticEPH	Total AromaticEPH	29.5			4.54	7.56	mg/kg
Total EPH	Total EPH	73.0			8.98	15.1	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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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067782.D	1	11/14/24	11/15/24	PB164996

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.95		0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.1		0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	13.0		0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.14		1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.3		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.2		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-12	Acq On:	15 Nov 2024 18:54
Client Sample ID:	EX-9-TPH-20	Operator:	YP/AJ
Data file:	FC067782.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	79737438	517.875		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4092573	28.19		ug/ml
Aliphatic C9-C12	3.172	6.448	3848904	23.215	300	ug/ml
Aliphatic C12-C16	6.449	9.838	24589659	144.319	200	ug/ml
Aliphatic C16-C21	9.839	13.196	26288279	154.982	300	ug/ml
Aliphatic C21-C28	13.197	16.850	5872507	37.338	400	ug/ml
Aliphatic C28-C40	16.851	21.693	19138089	158.021	600	ug/ml
Aliphatic C9-C28	3.172	16.850	60599349	359.854	1200	ug/ml