

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-17	SDG No.:	P4839
Lab Sample ID:	P4839-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.7
Sample Wt/Vol:	30.03	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	11/18/24 10:02	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	53.1		5	2.12	5.57	mg/kg FC067800.D
Aliphatic C12-C16	Aliphatic C12-C16	72.1		5	1.34	3.71	mg/kg FC067800.D
Aliphatic C16-C21	Aliphatic C16-C21	6.59		1	0.33	1.11	mg/kg FC067779.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.48	mg/kg FC067779.D
Aliphatic C28-C40	Aliphatic C28-C40	6.69		1	2.00	2.23	mg/kg FC067779.D
Aromatic C16-C21	Aromatic C16-C21	9.19		1	1.07	1.86	mg/kg FD048748.D
Aromatic C21-C36	Aromatic C21-C36	2.23	U	1	2.23	2.97	mg/kg FD048748.D
Total AliphaticEPH	Total AliphaticEPH	138			6.68	14.1	mg/kg
Total AromaticEPH	Total AromaticEPH	50.3			6.86	14.1	mg/kg
Total EPH	Total EPH	189			13.5	28.2	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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Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

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CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	53.1		5	2.12	5.57	mg/kg FC067800.D
Aliphatic C12-C16	Aliphatic C12-C16	72.1		5	1.34	3.71	mg/kg FC067800.D
Aliphatic C16-C21	Aliphatic C16-C21	6.59		1	0.33	1.11	mg/kg FC067779.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.48	mg/kg FC067779.D
Aliphatic C28-C40	Aliphatic C28-C40	6.69		1	2.00	2.23	mg/kg FC067779.D
Aromatic C10-C12	Aromatic C10-C12	16.0		5	1.67	3.71	mg/kg FD048758.D
Aromatic C12-C16	Aromatic C12-C16	25.1		5	1.89	5.57	mg/kg FD048758.D
Aromatic C16-C21	Aromatic C16-C21	9.19		1	1.07	1.86	mg/kg FD048748.D
Aromatic C21-C36	Aromatic C21-C36	2.23	U	1	2.23	2.97	mg/kg FD048748.D
Total AliphaticEPH	Total AliphaticEPH	138			6.68	14.1	mg/kg
Total AromaticEPH	Total AromaticEPH	50.3			6.86	14.1	mg/kg
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Lab Sample ID:	P4839-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.7	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067779.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	45.5	E	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	65.2	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	6.59		0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	0.89	1.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.69		2.00	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.6		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-09	Acq On:	15 Nov 2024 17:03
Client Sample ID:	EX-9-TPH-17	Operator:	YP/AJ
Data file:	FC067779.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	278295586	1680		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	3565905	24.57		ug/ml
Aliphatic C9-C12	3.172	6.448	101604292	612.844	300	ug/ml
Aliphatic C12-C16	6.449	9.838	149681104	878.491	200	ug/ml
Aliphatic C16-C21	9.839	13.196	15050559	88.73	300	ug/ml
Aliphatic C21-C28	13.197	16.850	1039698	6.61	400	ug/ml
Aliphatic C28-C40	16.851	21.693	10919933	90.164	600	ug/ml
Aliphatic C9-C28	3.172	16.850	267375653	1590	1200	ug/ml