

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	EX-9-TPH-15MS		SDG No.:	P4839	
Lab Sample ID:	P4839-07MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
Sample Wt/Vol:	30.02	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 15:13	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	45.6	E	1	0.46	1.21	mg/kg	FC067776.D
Aliphatic C12-C16	Aliphatic C12-C16	67.6	E	1	0.29	0.81	mg/kg	FC067776.D
Aliphatic C16-C21	Aliphatic C16-C21	16.9		1	0.36	1.21	mg/kg	FC067776.D
Aliphatic C21-C28	Aliphatic C21-C28	18.0		1	0.97	1.61	mg/kg	FC067776.D
Aliphatic C28-C40	Aliphatic C28-C40	33.4		1	2.18	2.42	mg/kg	FC067776.D
Aromatic C10-C12	Aromatic C10-C12	12.3		1	0.36	0.81	mg/kg	FD048745.D
Aromatic C12-C16	Aromatic C12-C16	31.9	E	1	0.41	1.21	mg/kg	FD048745.D
Aromatic C16-C21	Aromatic C16-C21	32.6		1	1.16	2.01	mg/kg	FD048745.D
Aromatic C21-C36	Aromatic C21-C36	43.6		1	2.42	3.22	mg/kg	FD048745.D
Total AliphaticEPH	Total AliphaticEPH	182			4.26	7.26	mg/kg	
Total AromaticEPH	Total AromaticEPH	120			4.35	7.25	mg/kg	
Total EPH	Total EPH	302			8.61	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067776.D	1	11/14/24	11/15/24	PB164996

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.0		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-07MS	Acq On:	15 Nov 2024 15:13
Client Sample ID:	P4839-07MS	Operator:	YP/AJ
Data file:	FC067776.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	357723907	2250		ug/ml
ortho-Terphenyl (SURRE)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURRE)	12.930	12.930	5803490	39.98		ug/ml
Aliphatic C9-C12	3.172	6.448	93844012	566.037	300	ug/ml
Aliphatic C12-C16	6.449	9.838	143042424	839.528	200	ug/ml
Aliphatic C16-C21	9.839	13.196	35509289	209.344	300	ug/ml
Aliphatic C21-C28	13.197	16.850	35096097	223.144	400	ug/ml
Aliphatic C28-C40	16.851	21.693	50232085	414.76	600	ug/ml
Aliphatic C9-C28	3.172	16.850	307491822	1840	1200	ug/ml