

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-14	SDG No.:	P4839
Lab Sample ID:	P4839-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.9
Sample Wt/Vol:	30.05	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	11/19/24 9:57	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	164		20	8.63	22.7	mg/kg FE051342.D
Aliphatic C12-C16	Aliphatic C12-C16	164		20	5.45	15.1	mg/kg FE051342.D
Aliphatic C16-C21	Aliphatic C16-C21	12.1		1	0.34	1.14	mg/kg FE051267.D
Aliphatic C21-C28	Aliphatic C21-C28	0.91	U	1	0.91	1.51	mg/kg FE051267.D
Aliphatic C28-C40	Aliphatic C28-C40	3.22		1	2.04	2.27	mg/kg FE051267.D
Aromatic C10-C12	Aromatic C10-C12	94.2		10	3.41	7.57	mg/kg FF015071.D
Aromatic C12-C16	Aromatic C12-C16	75.3		10	3.86	11.4	mg/kg FF015071.D
Aromatic C16-C21	Aromatic C16-C21	22.6		1	1.09	1.89	mg/kg FF015059.D
Aromatic C21-C36	Aromatic C21-C36	2.27	U	1	2.27	3.03	mg/kg FF015059.D
Total AliphaticEPH	Total AliphaticEPH	343			17.4	42.7	mg/kg
Total AromaticEPH	Total AromaticEPH	192			10.6	23.9	mg/kg
Total EPH	Total EPH	535			28.0	66.6	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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Lab Sample ID:	P4839-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.9	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051267.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	148	E	0.43	1.14	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	150	E	0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	12.1		0.34	1.14	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.91	U	0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.22		2.04	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-06	Acq On:	15 Nov 2024 17:18
Client Sample ID:	EX-9-TPH-14	Operator:	YP\AJ
Data file:	FE051267.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	274651503	1960	300	ug/ml
Aliphatic C12-C16	6.754	10.185	279225327	1990	200	ug/ml
Aliphatic C16-C21	10.186	13.544	22037486	159.961	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1215512	9.074	400	ug/ml
Aliphatic C28-C40	17.201	22.043	5472642	42.506	600	ug/ml
Aliphatic EPH	3.134	22.043	582602470	4160		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	3398106	29.93		ug/ml
Aliphatic C9-C28	3.134	17.200	577129828	4120	1200	ug/ml