

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5	SDG No.:	P4518
Lab Sample ID:	P4518-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/28/24 12:40	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	23.2		1	0.51	1.35	mg/kg FC067539.D
Aliphatic C12-C16	Aliphatic C12-C16	201		20	6.47	18.0	mg/kg FC067559.D
Aliphatic C16-C21	Aliphatic C16-C21	208		20	8.09	27.0	mg/kg FC067559.D
Aliphatic C21-C28	Aliphatic C21-C28	19.1		5	5.39	8.99	mg/kg FC067558.D
Aliphatic C28-C40	Aliphatic C28-C40	38.9		1	2.43	2.70	mg/kg FC067539.D
Aromatic C10-C12	Aromatic C10-C12	4.94		1	0.41	0.90	mg/kg FD048600.D
Aromatic C12-C16	Aromatic C12-C16	56.9		5	2.29	6.74	mg/kg FD048617.D
Aromatic C16-C21	Aromatic C16-C21	178		5	6.47	11.2	mg/kg FD048617.D
Aromatic C21-C36	Aromatic C21-C36	40.5		1	2.70	3.60	mg/kg FD048600.D
Total AliphaticEPH	Total AliphaticEPH	490			22.9	58.0	mg/kg
Total AromaticEPH	Total AromaticEPH	280			11.9	22.4	mg/kg
Total EPH	Total EPH	771			34.8	80.5	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

* = Values outside of QC limits

D = Dilution

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Lab Sample ID:	P4518-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	73.9	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067539.D	1	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.2		0.51	1.35	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	184	E	0.32	0.90	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	200	E	0.41	1.35	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	36.9	E	1.08	1.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9		2.43	2.70	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.2		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-05	Acq On:	28 Oct 2024 12:40
Client Sample ID:	EX-5-TPH-5	Operator:	YP/AJ
Data file:	FC067539.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	34944397	257.95	300	ug/ml
Aliphatic C12-C16	6.454	9.842	270769093	2060	200	ug/ml
Aliphatic C16-C21	9.843	13.200	284358818	2230	300	ug/ml
Aliphatic C21-C28	13.201	16.853	49243402	410.053	400	ug/ml
Aliphatic C28-C40	16.854	21.695	43767348	432.941	600	ug/ml
Aliphatic EPH	3.173	21.695	683083058	5390		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3906204	36.17		ug/ml
Aliphatic C9-C28	3.173	16.853	639315710	4960	1200	ug/ml