

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/09/24 9:38	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	184		50	23.4	61.6	mg/kg FC067941.D
Aliphatic C12-C16	Aliphatic C12-C16	517		50	14.8	41.1	mg/kg FC067941.D
Aliphatic C16-C21	Aliphatic C16-C21	176		50	18.5	61.6	mg/kg FC067941.D
Aliphatic C21-C28	Aliphatic C21-C28	29.0		1	0.99	1.64	mg/kg FC067931.D
Aliphatic C28-C40	Aliphatic C28-C40	15.2		1	2.22	2.46	mg/kg FC067931.D
Aromatic C10-C12	Aromatic C10-C12	20.5		10	3.70	8.21	mg/kg FD048849.D
Aromatic C12-C16	Aromatic C12-C16	109		10	4.19	12.3	mg/kg FD048849.D
Aromatic C16-C21	Aromatic C16-C21	133		10	11.8	20.5	mg/kg FD048849.D
Aromatic C21-C36	Aromatic C21-C36	17.0		1	2.46	3.29	mg/kg FD048839.D
Total AliphaticEPH	Total AliphaticEPH	921			59.9	168	mg/kg
Total AromaticEPH	Total AromaticEPH	280			22.1	44.3	mg/kg
Total EPH	Total EPH	1200			82.1	213	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:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067931.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	165	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	429	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	152	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.0		0.99	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.2		2.22	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	61.6		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01	Acq On:	06 Dec 2024 18:02
Client Sample ID:	EX-8-TPH-1	Operator:	YP/AJ
Data file:	FC067931.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.154	6.430	334669814	2020	300	ug/ml
Aliphatic C12-C16	6.431	9.821	890287470	5230	200	ug/ml
Aliphatic C16-C21	9.822	13.180	315567855	1860	300	ug/ml
Aliphatic C21-C28	13.181	16.835	55512704	352.954	400	ug/ml
Aliphatic C28-C40	16.836	21.671	22423253	185.146	600	ug/ml
Aliphatic EPH	3.154	21.671	1618461096	9640		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	8940557	61.59		ug/ml
Aliphatic C9-C28	3.154	16.835	1596037843	9460	1200	ug/ml