

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1	SDG No.:	P5002
Lab Sample ID:	P5002-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/26/24 10:25	11/27/24 12:27	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	71.5		5	2.24	5.90	mg/kg FC067878.D
Aliphatic C12-C16	Aliphatic C12-C16	458		50	14.2	39.3	mg/kg FC067879.D
Aliphatic C16-C21	Aliphatic C16-C21	447		50	17.7	59.0	mg/kg FC067879.D
Aliphatic C21-C28	Aliphatic C21-C28	131		5	4.72	7.87	mg/kg FC067878.D
Aliphatic C28-C40	Aliphatic C28-C40	65.0		5	10.6	11.8	mg/kg FC067878.D
Aromatic C10-C12	Aromatic C10-C12	15.1		1	0.35	0.79	mg/kg FD048825.D
Aromatic C12-C16	Aromatic C12-C16	178		10	4.01	11.8	mg/kg FD048829.D
Aromatic C16-C21	Aromatic C16-C21	440		20	22.7	39.3	mg/kg FD048830.D
Aromatic C21-C36	Aromatic C21-C36	75.0		10	23.6	31.5	mg/kg FD048829.D
Total AliphaticEPH	Total AliphaticEPH	1170			49.5	124	mg/kg
Total AromaticEPH	Total AromaticEPH	708			50.7	83.4	mg/kg
Total EPH	Total EPH	1880			100	207	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:	P5002-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067874.D	1	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	66.3	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	367	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	350	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	119	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	74.9	E	2.12	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.8		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01	Acq On:	27 Nov 2024 10:02
Client Sample ID:	EX-7-TPH-1	Operator:	YP/AJ
Data file:	FC067874.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	3.186	6.461	139586089	841.938	300	ug/ml
Aliphatic C12-C16	6.462	9.849	795449477	4670	200	ug/ml
Aliphatic C16-C21	9.850	13.205	756363113	4460	300	ug/ml
Aliphatic C21-C28	13.206	16.857	238722158	1520	400	ug/ml
Aliphatic C28-C40	16.858	21.700	115222652	951.378	600	ug/ml
Aliphatic EPH	3.186	21.700	2045343489	12400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.949	12.949	7661000	52.78		ug/ml
Aliphatic C9-C28	3.186	16.857	1930120837	11500	1200	ug/ml