

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 11:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	205		20	8.85	23.3	mg/kg FE051142.D
Aliphatic C12-C16	Aliphatic C12-C16	771		100	28.0	77.7	mg/kg FE051143.D
Aliphatic C16-C21	Aliphatic C16-C21	520		100	35.0	116	mg/kg FE051143.D
Aliphatic C21-C28	Aliphatic C21-C28	128		20	18.6	31.1	mg/kg FE051142.D
Aliphatic C28-C40	Aliphatic C28-C40	150		20	41.9	46.6	mg/kg FE051142.D
Aromatic C10-C12	Aromatic C10-C12	72.6		5	1.75	3.88	mg/kg FF014992.D
Aromatic C12-C16	Aromatic C12-C16	347		20	7.92	23.3	mg/kg FF014993.D
Aromatic C16-C21	Aromatic C16-C21	682		20	22.4	38.8	mg/kg FF014993.D
Aromatic C21-C36	Aromatic C21-C36	100		5	11.7	15.5	mg/kg FF014992.D
Total AliphaticEPH	Total AliphaticEPH	1770			132	295	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			43.8	81.5	mg/kg
Total EPH	Total EPH	2980			176	376	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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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051129.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	181	E	0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	637	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	474	E	0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	160	E	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	154	E	2.10	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-07	Acq On:	08 Nov 2024 20:38
Client Sample ID:	EX-11-TPH-4	Operator:	YP\AJ
Data file:	FE051129.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	327655822	2340	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1154413354	8210	200	ug/ml
Aliphatic C16-C21	10.192	13.550	841947349	6110	300	ug/ml
Aliphatic C21-C28	13.551	17.206	276801433	2070	400	ug/ml
Aliphatic C28-C40	17.207	22.053	256352039	1990	600	ug/ml
Aliphatic EPH	3.140	22.053	2857169997	20700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	4929156	43.42		ug/ml
Aliphatic C9-C28	3.140	17.206	2600817958	18700	1200	ug/ml