

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
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
11/08/24 08:47	11/11/24 10:25	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	746		50	21.8	57.5	mg/kg FC067688.D
Aliphatic C12-C16	Aliphatic C12-C16	1790		200	55.2	153	mg/kg FC067689.D
Aliphatic C16-C21	Aliphatic C16-C21	156		50	17.2	57.5	mg/kg FC067688.D
Aliphatic C21-C28	Aliphatic C21-C28	12.6		1	0.92	1.53	mg/kg FC067680.D
Aliphatic C28-C40	Aliphatic C28-C40	6.02		1	2.07	2.30	mg/kg FC067680.D
Aromatic C10-C12	Aromatic C10-C12	70.8		20	6.90	15.3	mg/kg FD048691.D
Aromatic C12-C16	Aromatic C12-C16	368		20	7.82	23.0	mg/kg FD048691.D
Aromatic C16-C21	Aromatic C16-C21	213		20	22.1	38.3	mg/kg FD048691.D
Aromatic C21-C36	Aromatic C21-C36	8.72		1	2.30	3.07	mg/kg FD048681.D
Total AliphaticEPH	Total AliphaticEPH	2710			97.2	272	mg/kg
Total AromaticEPH	Total AromaticEPH	661			39.1	79.7	mg/kg
Total EPH	Total EPH	3370			136	352	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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Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067680.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	526	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1170	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	160	E	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.6		0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.02		2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-01	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-1	Operator:	YP/AJ
Data file:	FC067680.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	930464975	6870	300	ug/ml
Aliphatic C12-C16	6.451	9.841	2012207884	15300	200	ug/ml
Aliphatic C16-C21	9.842	13.199	266099878	2090	300	ug/ml
Aliphatic C21-C28	13.200	16.853	19742316	164.395	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7935925	78.501	600	ug/ml
Aliphatic EPH	3.171	21.698	3236450978	24500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4197572	38.87		ug/ml
Aliphatic C9-C28	3.171	16.853	3228515053	24500	1200	ug/ml