

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-3	SDG No.:	P4518
Lab Sample ID:	P4518-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.03	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	10/25/24 17:30	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	23.1		1	0.45	1.19	mg/kg FC067528.D
Aliphatic C12-C16	Aliphatic C12-C16	165		20	5.70	15.8	mg/kg FC067555.D
Aliphatic C16-C21	Aliphatic C16-C21	194		20	7.13	23.8	mg/kg FC067555.D
Aliphatic C21-C28	Aliphatic C21-C28	48.9		5	4.75	7.92	mg/kg FC067554.D
Aliphatic C28-C40	Aliphatic C28-C40	64.3		5	10.7	11.9	mg/kg FC067554.D
Aromatic C10-C12	Aromatic C10-C12	8.24		1	0.36	0.79	mg/kg FD048591.D
Aromatic C12-C16	Aromatic C12-C16	73.3		10	4.04	11.9	mg/kg FD048612.D
Aromatic C16-C21	Aromatic C16-C21	251		10	11.4	19.8	mg/kg FD048612.D
Aromatic C21-C36	Aromatic C21-C36	46.4		1	2.38	3.17	mg/kg FD048591.D
Total AliphaticEPH	Total AliphaticEPH	495			28.7	60.6	mg/kg
Total AromaticEPH	Total AromaticEPH	379			18.2	35.7	mg/kg
Total EPH	Total EPH	874			46.9	96.3	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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Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067528.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.1		0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	159	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	195	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	64.0	E	0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	72.6	E	2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.7		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-03	Acq On:	25 Oct 2024 17:30
Client Sample ID:	EX-5-TPH-3	Operator:	YP/AJ
Data file:	FC067528.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	39510283	291.654	300	ug/ml
Aliphatic C12-C16	6.454	9.843	265627879	2020	200	ug/ml
Aliphatic C16-C21	9.844	13.201	314391084	2470	300	ug/ml
Aliphatic C21-C28	13.202	16.856	96978920	807.549	400	ug/ml
Aliphatic C28-C40	16.857	21.702	92710265	917.077	600	ug/ml
Aliphatic EPH	3.173	21.702	809218431	6500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.939	12.939	2448698	22.68		ug/ml
Aliphatic C9-C28	3.173	16.856	716508166	5590	1200	ug/ml