

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 9:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	66.1		20	8.60	22.6	mg/kg FE051138.D
Aliphatic C12-C16	Aliphatic C12-C16	190		20	5.43	15.1	mg/kg FE051138.D
Aliphatic C16-C21	Aliphatic C16-C21	128		20	6.79	22.6	mg/kg FE051138.D
Aliphatic C21-C28	Aliphatic C21-C28	25.8		1	0.91	1.51	mg/kg FE051125.D
Aliphatic C28-C40	Aliphatic C28-C40	36.0		1	2.04	2.26	mg/kg FE051125.D
Aromatic C10-C12	Aromatic C10-C12	28.7		5	1.70	3.77	mg/kg FD048693.D
Aromatic C12-C16	Aromatic C12-C16	74.2		5	1.92	5.66	mg/kg FD048693.D
Aromatic C16-C21	Aromatic C16-C21	157		5	5.43	9.43	mg/kg FD048693.D
Aromatic C21-C36	Aromatic C21-C36	40.4		1	2.26	3.02	mg/kg FD048683.D
Total AliphaticEPH	Total AliphaticEPH	446			23.8	64.1	mg/kg
Total AromaticEPH	Total AromaticEPH	300			11.3	21.9	mg/kg
Total EPH	Total EPH	746			35.1	86.0	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048683.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	24.6	E	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	61.1	E	0.39	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	141	E	1.09	1.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	40.4		2.26	3.02	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	70.3		40 - 140	140%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.3		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.7		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-03	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-3	Operator:	YP/AJ
Data file:	FD048683.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	57378489	325.639	200	ug/ml
Aromatic C12-C16	5.811	8.415	143510715	809.544	300	ug/ml
Aromatic C16-C21	8.416	12.678	306677727	1870	500	ug/ml
Aromatic C21-C36	12.679	18.083	81828607	535.832	800	ug/ml
Aromatic EPH	4.092	18.083	589395538	3540		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	10661892	70.25		ug/ml
2-Fluorobiphenyl (SURR)	8.225	8.225	6610592	67.32		ug/ml
ortho-Terphenyl (SURR)	11.261	11.261	7787045	45.71		ug/ml