284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	North Point			Date Received:	
Client Sample ID:	WC-23MS			SDG No.:	P4103
Lab Sample ID:	P4103-16MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/19/24 12:25	09/19/24 23:47	PB163524

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	23.0		1	0.44	1.16	mg/kg	FC067184.D
Aliphatic C12-C16	Aliphatic C12-C16	44.9	E	1	0.28	0.77	mg/kg	FC067184.D
Aliphatic C16-C21	Aliphatic C16-C21	18.8		1	0.35	1.16	mg/kg	FC067184.D
Aliphatic C21-C28	Aliphatic C21-C28	13.2		1	0.93	1.55	mg/kg	FC067184.D
Aliphatic C28-C40	Aliphatic C28-C40	26.5		1	2.09	2.32	mg/kg	FC067184.D
Aromatic C10-C12	Aromatic C10-C12	10.3		1	0.35	0.77	mg/kg	FD048339.D
Aromatic C12-C16	Aromatic C12-C16	19.8		1	0.40	1.16	mg/kg	FD048339.D
Aromatic C16-C21	Aromatic C16-C21	27.1		1	1.11	1.93	mg/kg	FD048339.D
Aromatic C21-C36	Aromatic C21-C36	30.9		1	2.32	3.09	mg/kg	FD048339.D
Total AliphaticEPH	Total AliphaticEPH	126			4.09	6.96	mg/kg	
Total AromaticEPH	Total AromaticEPH	88.1			4.17	6.95	mg/kg	
Total EPH	Total EPH	215			8.26	13.9	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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Client Sample ID:	WC-23MS		SDG No.:	P4103	
Lab Sample ID:	P4103-16MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86	
Sample Wt/Vol:	30.06 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067184.D	1	09/19/24	09/19/24	PB163524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.0		0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	44.9	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	18.8		0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.2		0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.5		2.09	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4103-16MS	Acq On:	19 Sep 2024 23:47
Client Sample ID:	WC-23MS	Operator:	YP/AJ
Data file:	FC067184.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.177	6.459	39770309	297.675	300	ug/ml
Aliphatic C12-C16	6.460	9.852	74850150	580.68	200	ug/ml
Aliphatic C16-C21	9.853	13.212	29489461	242.479	300	ug/ml
Aliphatic C21-C28	13.213	16.869	19107157	170.649	400	ug/ml
Aliphatic C28-C40	16.870	21.722	30223477	342.433	600	ug/ml
Aliphatic EPH	3.177	21.722	193440554	1630		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.944	12.944	3239657	33.16		ug/ml
Aliphatic C9-C28	3.177	16.869	163217077	1290	1200	ug/ml