

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	Trenton Youth Wrestling	Date Received:	
Client Sample ID:	B-6-3MSD	SDG No.:	P4768
Lab Sample ID:	P4768-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 19:41	PB164943

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.56		1	0.40	1.05	mg/kg FC067741.D
Aliphatic C12-C16	Aliphatic C12-C16	7.24		1	0.25	0.70	mg/kg FC067741.D
Aliphatic C16-C21	Aliphatic C16-C21	11.4		1	0.31	1.05	mg/kg FC067741.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.84	1.39	mg/kg FC067741.D
Aliphatic C28-C40	Aliphatic C28-C40	37.1		1	1.88	2.09	mg/kg FC067741.D
Aromatic C10-C12	Aromatic C10-C12	5.35		1	0.31	0.70	mg/kg FD048722.D
Aromatic C12-C16	Aromatic C12-C16	12.9		1	0.36	1.05	mg/kg FD048722.D
Aromatic C16-C21	Aromatic C16-C21	27.1		1	1.00	1.74	mg/kg FD048722.D
Aromatic C21-C36	Aromatic C21-C36	41.7		1	2.09	2.79	mg/kg FD048722.D
Total AliphaticEPH	Total AliphaticEPH	78.8			3.68	6.28	mg/kg
Total AromaticEPH	Total AromaticEPH	87.0			3.76	6.28	mg/kg
Total EPH	Total EPH	166			7.44	12.6	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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FC067741.D	1	11/13/24	11/13/24	PB164943

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Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.84	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	37.1		1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4768-07MSD	Acq On:	13 Nov 2024 19:41
Client Sample ID:	B-6-3MSD	Operator:	YP/AJ
Data file:	FC067741.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	14698735	108.502	300	ug/ml
Aliphatic C12-C16	6.448	9.836	13682357	103.905	200	ug/ml
Aliphatic C16-C21	9.837	13.192	20852642	163.891	300	ug/ml
Aliphatic C21-C28	13.193	16.845	26647219	221.893	400	ug/ml
Aliphatic C28-C40	16.846	21.681	53866664	532.842	600	ug/ml
Aliphatic EPH	3.169	21.681	129747617	1130		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.927	12.927	4856483	44.97		ug/ml
Aliphatic C9-C28	3.169	16.845	75880953	598.191	1200	ug/ml