

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-6-2	SDG No.:	P4768
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
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
FF015017.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.94		0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.82		1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	8.16		2.12	2.83	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.1		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.0		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-06	Acq On:	13 Nov 2024 18:39
Client Sample ID:	B-6-2	Operator:	YP\AJ
Data file:	FF015017.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	612295	3.961	200	ug/ml
Aromatic C12-C16	6.373	9.063	12912613	84.088	300	ug/ml
Aromatic C16-C21	9.064	13.374	11709550	82.406	500	ug/ml
Aromatic C21-C36	13.375	18.815	15943860	115.501	800	ug/ml
Aromatic EPH	4.508	18.815	41178318	285.956		ug/ml
ortho-Terphenyl (SURR)	11.926	11.926	3957060	26.87		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	7064149	53.08		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	4727508	53.01		ug/ml