

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-2	SDG No.:	P4768
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
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
FF015013.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	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.53	J	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.2		40 - 140	90%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.3		40 - 140	45%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-02	Acq On:	13 Nov 2024 16:46
Client Sample ID:	B-3-2	Operator:	YP\AJ
Data file:	FF015013.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	416534	2.695	200	ug/ml
Aromatic C12-C16	6.373	9.063	577088	3.758	300	ug/ml
Aromatic C16-C21	9.064	13.374	3100877	21.822	500	ug/ml
Aromatic C21-C36	13.375	18.815	3083206	22.335	800	ug/ml
Aromatic EPH	4.508	18.815	7177705	50.611		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	3289488	22.33		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	6016654	45.21		ug/ml
2-Fluorobiphenyl (SURR)	8.864	8.864	3832132	42.97		ug/ml