

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-5	SDG No.:	P4768
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015016.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	0.33	U	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.14		0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.88		1.06	1.85	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.22	U	2.22	2.96	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.9		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.1		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-05	Acq On:	13 Nov 2024 18:11
Client Sample ID:	B-5	Operator:	YP\AJ
Data file:	FF015016.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	435444	2.817	200	ug/ml
Aromatic C12-C16	6.373	9.063	4456092	29.018	300	ug/ml
Aromatic C16-C21	9.064	13.374	3620167	25.477	500	ug/ml
Aromatic C21-C36	13.375	18.815	1382358	10.014	800	ug/ml
Aromatic EPH	4.508	18.815	9894061	67.327		ug/ml
ortho-Terphenyl (SURR)	11.926	11.926	4877762	33.12		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	5873441	44.13		ug/ml
2-Fluorobiphenyl (SURR)	8.865	8.865	3913034	43.87		ug/ml