

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-3	SDG No.:	P4768
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015014.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	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.32		0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.74	J	1.05	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.18	U	2.18	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.0		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.5		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.6		40 - 140	43%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-03	Acq On:	13 Nov 2024 17:14
Client Sample ID:	B-3-3	Operator:	YP\AJ
Data file:	FF015014.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	481088	3.112	200	ug/ml
Aromatic C12-C16	6.373	9.063	7028894	45.773	300	ug/ml
Aromatic C16-C21	9.064	13.374	3398527	23.917	500	ug/ml
Aromatic C21-C36	13.375	18.815	1930318	13.984	800	ug/ml
Aromatic EPH	4.508	18.815	12838827	86.786		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	3187830	21.64		ug/ml
2-Bromonaphthalene (SURR)	7.991	7.991	6250433	46.97		ug/ml
2-Fluorobiphenyl (SURR)	8.865	8.865	4148417	46.51		ug/ml