

Report of Analysis

Client:	JPCL Engineering	Date Collected:	11/07/24
Project:	Trenton Youth Wrestling	Date Received:	11/07/24
Client Sample ID:	B-3-1	SDG No.:	P4768
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015027.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.72		0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.22		1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	43.3		2.12	2.82	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.8		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4768-01	Acq On:	14 Nov 2024 10:02
Client Sample ID:	B-3-1	Operator:	YP\AJ
Data file:	FF015027.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.173	932844	6.035	200	ug/ml
Aromatic C12-C16	6.174	9.065	5913565	38.51	300	ug/ml
Aromatic C16-C21	9.066	13.377	10513101	73.986	500	ug/ml
Aromatic C21-C36	13.378	18.821	84568165	612.631	800	ug/ml
Aromatic EPH	4.508	18.821	101927675	731.161		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	3974375	26.98		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	6363749	47.82		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4171730	46.77		ug/ml