

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 872	Date Received:	
Client Sample ID:	PB164618BSD	SDG No.:	P4620
Lab Sample ID:	PB164618BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048663.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.39		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.68		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	13.3		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.4		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.9		40 - 140	92%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.0		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.8		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164618BSD	Acq On:	05 Nov 2024 09:04
Client Sample ID:	PB164618BSD	Operator:	YP/AJ
Data file:	FD048663.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	108503016	672.011		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	7117157	41.78		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	6966463	45.9		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	4619930	47.05		ug/ml
Aromatic C10-C12	4.093	5.811	8960395	50.853	200	ug/ml
Aromatic C12-C16	5.812	8.416	17770470	100.243	300	ug/ml
Aromatic C16-C21	8.417	12.676	32732824	199.794	500	ug/ml
Aromatic C21-C36	12.677	18.080	49039327	321.121	800	ug/ml