

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-01	SDG No.:	P4620
Lab Sample ID:	P4620-22	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
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
FD048651.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.04	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.78	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.7		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.2		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-22	Acq On:	04 Nov 2024 22:42
Client Sample ID:	P001-CF16-01	Operator:	YP/AJ
Data file:	FD048651.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3125302	19.996		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	6486550	42.74		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4270030	43.49		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5998394	35.21		ug/ml
Aromatic C10-C12	4.093	5.811	0	0	200	ug/ml
Aromatic C12-C16	5.812	8.416	0	0	300	ug/ml
Aromatic C16-C21	8.417	12.676	1054829	6.438	500	ug/ml
Aromatic C21-C36	12.677	18.080	2070473	13.558	800	ug/ml