

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-02	SDG No.:	P4620
Lab Sample ID:	P4620-29	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
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
FD048655.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	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.6		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.3		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-29	Acq On:	05 Nov 2024 01:09
Client Sample ID:	P001-CF16-02	Operator:	YP/AJ
Data file:	FD048655.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3422809	21.637		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	8284533	54.58		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	5425733	55.26		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4581204	26.89		ug/ml
Aromatic C10-C12	4.093	5.811	82132	0.466	200	ug/ml
Aromatic C12-C16	5.812	8.416	53481	0.302	300	ug/ml
Aromatic C16-C21	8.417	12.676	1475248	9.005	500	ug/ml
Aromatic C21-C36	12.677	18.080	1811948	11.865	800	ug/ml