

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
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
FD048647.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	1.05	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	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.9		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.2		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-13	Acq On:	04 Nov 2024 20:16
Client Sample ID:	P001-CF12-01	Operator:	YP/AJ
Data file:	FD048647.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3200884	19.766		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	6213998	40.94		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	3717112	37.86		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5487539	32.22		ug/ml
Aromatic C10-C12	4.093	5.811	222255	1.261	200	ug/ml
Aromatic C12-C16	5.812	8.416	324218	1.829	300	ug/ml
Aromatic C16-C21	8.417	12.676	1589004	9.699	500	ug/ml
Aromatic C21-C36	12.677	18.080	1065407	6.977	800	ug/ml