

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF14-01	SDG No.:	P4620
Lab Sample ID:	P4620-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048649.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	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.3		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.3		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.0		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-17	Acq On:	04 Nov 2024 21:29
Client Sample ID:	P001-CF14-01	Operator:	YP/AJ
Data file:	FD048649.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	2762856	17.532		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7322770	48.25		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4837250	49.26		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4422710	25.96		ug/ml
Aromatic C10-C12	4.093	5.811	130753	0.742	200	ug/ml
Aromatic C12-C16	5.812	8.416	37509	0.212	300	ug/ml
Aromatic C16-C21	8.417	12.676	925877	5.651	500	ug/ml
Aromatic C21-C36	12.677	18.080	1668717	10.927	800	ug/ml