

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P4620-22MSD	SDG No.:	P4620
Lab Sample ID:	P4620-24	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048654.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	3.97		0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.24		0.35	1.04	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.4		1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.1		2.08	2.78	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.9		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.7		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-24	Acq On:	05 Nov 2024 00:32
Client Sample ID:	P4620-22MSD	Operator:	YP/AJ
Data file:	FD048654.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.093	5.811	10064333	57.118	200	ug/ml
Aromatic C12-C16	5.812	8.416	21045131	118.716	300	ug/ml
Aromatic C16-C21	8.417	12.676	36437455	222.407	500	ug/ml
Aromatic C21-C36	12.677	18.080	55089905	360.741	800	ug/ml
Aromatic EPH	4.093	18.080	122636824	758.981		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	7167162	47.22		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4705355	47.92		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	5568802	32.69		ug/ml