

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P4620-22MS		SDG No.:	P4620	
Lab Sample ID:	P4620-23		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048653.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	3.98		0.31	0.69	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.15		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	24.8		2.08	2.78	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.8		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.5		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.3		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-23	Acq On:	04 Nov 2024 23:56
Client Sample ID:	P4620-22MS	Operator:	YP/AJ
Data file:	FD048653.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.093	5.811	10100145	57.321	200	ug/ml
Aromatic C12-C16	5.812	8.416	20812258	117.402	300	ug/ml
Aromatic C16-C21	8.417	12.676	36261185	221.331	500	ug/ml
Aromatic C21-C36	12.677	18.080	54666336	357.967	800	ug/ml
Aromatic EPH	4.093	18.080	121839924	754.021		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	5502781	32.3		ug/ml
2-Bromonaphthalene (SURR)	7.374	7.374	7108424	46.83		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4664272	47.5		ug/ml