

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF11-01	SDG No.:	P4620
Lab Sample ID:	P4620-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048646.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	0.32	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)	49.6		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.6		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-11	Acq On:	04 Nov 2024 19:39
Client Sample ID:	P001-CF11-01	Operator:	YP/AJ
Data file:	FD048646.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.093	5.811	83573	0.474	200	ug/ml
Aromatic C12-C16	5.812	8.416	100588	0.567	300	ug/ml
Aromatic C16-C21	8.417	12.676	1978110	12.074	500	ug/ml
Aromatic C21-C36	12.677	18.080	1958828	12.827	800	ug/ml
Aromatic EPH	4.093	18.080	4121099	25.943		ug/ml
2-Bromonaphthalene (SURRE)	7.371	7.371	7524964	49.58		ug/ml
2-Fluorobiphenyl (SURRE)	8.220	8.220	4669674	47.56		ug/ml
ortho-Terphenyl (SURRE)	11.254	11.254	4158685	24.41		ug/ml