

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049144.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	U	0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.67	J	1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.55	U	2.55	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.8		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-09	Acq On:	28 Feb 2025 20:09
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FD049144.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	505124	3.176	200	ug/ml
Aromatic C12-C16	5.795	8.396	851814	5.293	300	ug/ml
Aromatic C16-C21	8.397	12.661	3018801	19.684	500	ug/ml
Aromatic C21-C36	12.662	18.073	3101568	21.672	800	ug/ml
Aromatic EPH	4.076	18.073	7477307	49.826		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	7126244	49.8		ug/ml
2-Fluorobiphenyl (SURRE)	8.201	8.201	4606351	52.4		ug/ml
ortho-Terphenyl (SURRE)	11.233	11.233	3917944	24.22		ug/ml