

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-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049140.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	0.47	J	0.43	0.95	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.48	1.42	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.61		1.36	2.37	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.84	U	2.84	3.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.0		40 - 140	132%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.5		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.6		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-01	Acq On:	28 Feb 2025 17:44
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FD049140.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	4.076	5.794	784409	4.933	200	ug/ml
Aromatic C12-C16	5.795	8.396	1103291	6.855	300	ug/ml
Aromatic C16-C21	8.397	12.661	4230619	27.586	500	ug/ml
Aromatic C21-C36	12.662	18.073	4243205	29.649	800	ug/ml
Aromatic EPH	4.076	18.073	10361524	69.024		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	9440086	65.96		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	6112214	69.53		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6566627	40.59		ug/ml