

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:	Q1421-04		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049118.D	1	02/26/25	02/27/25	PB166883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	12.2	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	43.0	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.2		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	54.1		40 - 140	108%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-04	Acq On:	27 Feb 2025 12:14
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FD049118.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	698221	4.391	200	ug/ml
Aromatic C12-C16	5.795	8.397	978814	6.082	300	ug/ml
Aromatic C16-C21	8.398	12.661	3299543	21.515	500	ug/ml
Aromatic C21-C36	12.662	18.071	3819898	26.691	800	ug/ml
Aromatic EPH	4.076	18.071	8796476	58.679		ug/ml
2-Bromonaphthalene (SURRE)	7.353	7.353	8613080	60.19		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	5429412	61.76		ug/ml
ortho-Terphenyl (SURRE)	11.237	11.237	8755655	54.12		ug/ml