

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-CF01-02		SDG No.:	Q1421	
Lab Sample ID:	Q1421-08		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
FD049123.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	10.5	J	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	14.4	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	48.3	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	92.7		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.3		40 - 140	97%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-08	Acq On:	27 Feb 2025 15:17
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FD049123.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	836382	5.26	200	ug/ml
Aromatic C12-C16	5.795	8.397	1159488	7.205	300	ug/ml
Aromatic C16-C21	8.398	12.661	3699941	24.126	500	ug/ml
Aromatic C21-C36	12.662	18.071	6631344	46.336	800	ug/ml
Aromatic EPH	4.076	18.071	12327155	82.926		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	7707992	53.86		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4931798	56.1		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	7809827	48.28		ug/ml