

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-CF01-01MS	SDG No.:	Q1421
Lab Sample ID:	Q1421-05	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
FD049121.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	188		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	304		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	542		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	888		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.8		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.7		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.3		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-05	Acq On:	27 Feb 2025 14:03
Client Sample ID:	P001-CLAY-CF01-01MS	Operator:	YP/AJ
Data file:	FD049121.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	14983565	94.224	200	ug/ml
Aromatic C12-C16	5.795	8.397	24474718	152.077	300	ug/ml
Aromatic C16-C21	8.398	12.661	41596172	271.233	500	ug/ml
Aromatic C21-C36	12.662	18.071	63583513	444.283	800	ug/ml
Aromatic EPH	4.076	18.071	144637968	961.818		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	7562187	52.84		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	4724292	53.74		ug/ml
ortho-Terphenyl (SURRE)	11.238	11.238	7326185	45.29		ug/ml