

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	EX-4-TPH-6MS		SDG No.:	P4860	
Lab Sample ID:	P4839-22MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048770.D	1	11/16/24	11/18/24	PB165032

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.32		0.34	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	14.1		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.4		1.07	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	37.8		2.23	2.98	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.1		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.7		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.8		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4839-22MS	Acq On:	18 Nov 2024 23:41
Client Sample ID:	EX-4-TPH-6MS	Operator:	YP/AJ
Data file:	FD048770.D	Misc:	
Instrument:	FID_D	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	16308142	84.93	200	ug/ml
Aromatic C12-C16	5.806	8.411	36396082	189.111	300	ug/ml
Aromatic C16-C21	8.412	12.674	58340240	313.987	500	ug/ml
Aromatic C21-C36	12.675	18.081	79817186	507.643	800	ug/ml
Aromatic EPH	4.088	18.081	190861650	1100		ug/ml
2-Bromonaphthalene (SURR)	7.364	7.364	9001948	51.13		ug/ml
2-Fluorobiphenyl (SURR)	8.214	8.214	5843108	50.73		ug/ml
ortho-Terphenyl (SURR)	11.251	11.251	7463900	38.81		ug/ml