

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	EX-4-TPH-6MSD	SDG No.:	P4860
Lab Sample ID:	P4839-22MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.5
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
FD048771.D	1	11/16/24	11/19/24	PB165032

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.28		0.34	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.1		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	22.7		1.07	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	37.6		2.23	2.97	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.0		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.4		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.6		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4839-22MSD	Acq On:	19 Nov 2024 00:17
Client Sample ID:	EX-4-TPH-6MSD	Operator:	YP/AJ
Data file:	FD048771.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	16223595	84.49	200	ug/ml
Aromatic C12-C16	5.806	8.411	39196496	203.662	300	ug/ml
Aromatic C16-C21	8.412	12.674	56704572	305.184	500	ug/ml
Aromatic C21-C36	12.675	18.081	79449037	505.301	800	ug/ml
Aromatic EPH	4.088	18.081	191573700	1100		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	7428539	38.62		ug/ml
2-Bromonaphthalene (SURR)	7.366	7.366	8969471	50.95		ug/ml
2-Fluorobiphenyl (SURR)	8.217	8.217	5798672	50.35		ug/ml