



284 Sheffield Street, Mountainside NJ 07092 Phone: 908 789 8900 Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	04/25/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	04/26/23
Client Sample ID:	WO-5	SDG No.:	O2505
Lab Sample ID:	O2505-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	48.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD045575.D	1	05/03/23	05/03/23	PB152543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.7		0.31	1.38	mg/kg
Aromatic C12-C16	Aromatic C12-C16	29.1		0.31	2.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	336	E	0.62	3.45	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4650	E	0.81	5.52	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.0		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.1		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	O2505-08	Acq On:	03 May 2023 22:42
Client Sample ID:	WO-5	Operator:	YP/AJ
Data file:	FD045575.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	4.249	5.981	14353879	84.76	200	ug/ml
Aromatic C12-C16	5.982	8.598	33986257	211.272	300	ug/ml
Aromatic C16-C21	8.599	12.867	351593171	2440	500	ug/ml
Aromatic C21-C36	12.868	18.259	4503802623	33700	800	ug/ml
Aromatic EPH	4.249	18.259	4903735930	36400		ug/ml
ortho-Terphenyl (SURR)	11.445	11.445	6496287	36.3		ug/ml
2-Bromonaphthalene (SURR)	7.547	7.547	7799870	53.95		ug/ml
2-Fluorobiphenyl (SURR)	8.403	8.403	4675811	50.14		ug/ml