

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	
Client Sample ID:	PB152444BS	SDG No.:	O2509
Lab Sample ID:	PB152444BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/27/23 10:07	04/27/23 19:14	PB152444

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	23.9		1	1.02	2.00	mg/kg	FC063477.D
Aliphatic C9-C28	Aliphatic C9-C28	83.9	E	1	1.05	4.00	mg/kg	FC063477.D
Total AliphaticEPH	Total AliphaticEPH	108			2.07	6.00	mg/kg	
Total EPH	Total EPH	108			2.07	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution



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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC063477.D	1	04/27/23	04/27/23	PB152444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	83.9	E	1.05	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.9		1.02	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.9		40 - 140	84%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB152444BS	Acq On:	27 Apr 2023 19:14
Client Sample ID:	PB152444BS	Operator:	YP/AJ
Data file:	FC063477.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.199	6.486	28614713	208.767	300	ug/ml
Aliphatic C12-C16	6.487	9.878	46413054	342.315	200	ug/ml
Aliphatic C16-C21	9.879	13.234	42449103	312.546	300	ug/ml
Aliphatic C21-C28	13.235	16.884	53078276	395.322	400	ug/ml
Aliphatic C28-C40	16.885	21.741	46908203	358.013	600	ug/ml
Aliphatic EPH	3.199	21.741	217463349	1620		ug/ml
ortho-Terphenyl (SURR)	11.533	11.533	6381496	41.94		ug/ml
1-chlorooctadecane (SURR)	12.970	12.970	4983462	45.04		ug/ml
Aliphatic C9-C28	3.199	16.884	170555146	1260	1200	ug/ml