

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/05/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/05/24
Client Sample ID:	S-866-N-S0-1.0-1.5-080524MSD	SDG No.:	P3475
Lab Sample ID:	P3475-04MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139009.D	1	08/06/24 08:26	08/14/24 22:47	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	2500		94.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	2400		110	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		94.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	101		30 (18) - 130 (107)	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.9		30 (20) - 130 (109)	87%	SPK: 100
1718-51-0	Terphenyl-d14	98.7		30 (10) - 130 (105)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	29700	6.834			
1146-65-2	Naphthalene-d8	99200	8.116			
15067-26-2	Acenaphthene-d10	44800	9.869			
1517-22-2	Phenanthrene-d10	83000	11.357			
1719-03-5	Chrysene-d12	51900	13.998			
1520-96-3	Perylene-d12	42400	15.462			

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

M = MS/MSD acceptance 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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products