

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-1-1.5-080924MSD	SDG No.:	P3573
Lab Sample ID:	P3573-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.5
Sample Wt/Vol:	30.07 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
BF139039.D	1	08/13/24 08:30	08/15/24 23:47	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	2300		100	210	ug/Kg
50-32-8	Benzo(a)pyrene	2400		120	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		100	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	65.4		30 (18) - 130 (107)	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.4		30 (20) - 130 (109)	64%	SPK: 100
1718-51-0	Terphenyl-d14	67.9		30 (10) - 130 (105)	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	39300	6.834			
1146-65-2	Naphthalene-d8	163000	8.116			
15067-26-2	Acenaphthene-d10	89300	9.869			
1517-22-2	Phenanthrene-d10	143000	11.357			
1719-03-5	Chrysene-d12	73100	13.998			
1520-96-3	Perylene-d12	76000	15.463			

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