

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-928-K1-SO-0.5-1-081924MSD	SDG No.:	P3671
Lab Sample ID:	P3671-10MSD	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	57.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033572.D	1	08/21/24 09:38	08/23/24 03:30	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	24.5		1.20	5.80	ug/Kg
91-57-6	2-Methylnaphthalene	24.1		1.40	5.80	ug/Kg
208-96-8	Acenaphthylene	27.9		1.10	5.80	ug/Kg
83-32-9	Acenaphthene	23.7		0.96	5.80	ug/Kg
86-73-7	Fluorene	23.4		1.00	5.80	ug/Kg
85-01-8	Phenanthrene	37.4		1.10	5.80	ug/Kg
120-12-7	Anthracene	28.2		1.40	5.80	ug/Kg
206-44-0	Fluoranthene	52.2		1.20	5.80	ug/Kg
129-00-0	Pyrene	41.3		1.70	5.80	ug/Kg
56-55-3	Benzo(a)anthracene	35.0		1.30	5.80	ug/Kg
218-01-9	Chrysene	40.8		1.50	5.80	ug/Kg
205-99-2	Benzo(b)fluoranthene	42.6		2.10	5.80	ug/Kg
207-08-9	Benzo(k)fluoranthene	32.3		1.70	5.80	ug/Kg
50-32-8	Benzo(a)pyrene	39.7		2.90	5.80	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.3		2.20	5.80	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25.7		2.00	5.80	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33.3		2.00	5.80	ug/Kg
123-91-1	1,4-Dioxane	20.1		3.90	11.5	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.36		30 (17) - 150 (161)	91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.20		30 (23) - 150 (138)	49%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (33) - 130 (121)	81%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.23		30 (32) - 130 (121)	58%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.17		30 (21) - 130 (130)	43%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7610	7.545
1146-65-2	Naphthalene-d8	20100	10.303
15067-26-2	Acenaphthene-d10	9560	14.178
1517-22-2	Phenanthrene-d10	18300	16.929

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1719-03-5	Chrysene-d12	15100	21.139			
1520-96-3	Perylene-d12	16900	23.3			

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