

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-911-K1-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-03	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	46.9
Sample Wt/Vol:	30.07 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
BN033567.D	1	08/21/24 09:38	08/23/24 00:28	PB162880

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

91-20-3	Naphthalene	2.30	J	1.50	7.00	ug/Kg
91-57-6	2-Methylnaphthalene	2.70	J	1.70	7.00	ug/Kg
208-96-8	Acenaphthylene	2.70	J	1.30	7.00	ug/Kg
83-32-9	Acenaphthene	1.60	J	1.20	7.00	ug/Kg
86-73-7	Fluorene	4.30	J	1.30	7.00	ug/Kg
85-01-8	Phenanthrene	23.5		1.30	7.00	ug/Kg
120-12-7	Anthracene	4.20	J	1.70	7.00	ug/Kg
206-44-0	Fluoranthene	53.1		1.40	7.00	ug/Kg
129-00-0	Pyrene	37.4		2.00	7.00	ug/Kg
56-55-3	Benzo(a)anthracene	21.6		1.60	7.00	ug/Kg
218-01-9	Chrysene	29.1		1.80	7.00	ug/Kg
205-99-2	Benzo(b)fluoranthene	36.1		2.50	7.00	ug/Kg
207-08-9	Benzo(k)fluoranthene	13.8		2.10	7.00	ug/Kg
50-32-8	Benzo(a)pyrene	27.4		3.50	7.00	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16.7		2.70	7.00	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.80	J	2.50	7.00	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19.8		2.40	7.00	ug/Kg
123-91-1	1,4-Dioxane	4.70	U	4.70	14.0	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.21		30 (17) - 150 (161)	53%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.18		30 (23) - 150 (138)	44%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (33) - 130 (121)	73%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.21		30 (32) - 130 (121)	52%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.14		30 (21) - 130 (130)	36%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7030	7.545
1146-65-2	Naphthalene-d8	18000	10.303
15067-26-2	Acenaphthene-d10	8340	14.178
1517-22-2	Phenanthrene-d10	17400	16.929

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1719-03-5	Chrysene-d12	15000	21.139			
1520-96-3	Perylene-d12	17200	23.303			

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