

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-905-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-06	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	78.2
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
BN033568.D	1	08/21/24 09:38	08/23/24 01:05	PB162880

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

91-20-3	Naphthalene	2.00	J	0.88	4.20	ug/Kg
91-57-6	2-Methylnaphthalene	1.60	J	1.00	4.20	ug/Kg
208-96-8	Acenaphthylene	2.40	J	0.80	4.20	ug/Kg
83-32-9	Acenaphthene	18.0		0.70	4.20	ug/Kg
86-73-7	Fluorene	15.5		0.77	4.20	ug/Kg
85-01-8	Phenanthrene	210		0.80	4.20	ug/Kg
120-12-7	Anthracene	45.8		1.00	4.20	ug/Kg
206-44-0	Fluoranthene	380	E	0.85	4.20	ug/Kg
129-00-0	Pyrene	270	E	1.20	4.20	ug/Kg
56-55-3	Benzo(a)anthracene	190		0.97	4.20	ug/Kg
218-01-9	Chrysene	190		1.10	4.20	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	1.50	4.20	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.7		1.30	4.20	ug/Kg
50-32-8	Benzo(a)pyrene	210		2.10	4.20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110		1.60	4.20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.5		1.50	4.20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120		1.50	4.20	ug/Kg
123-91-1	1,4-Dioxane	2.80	U	2.80	8.40	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.16		30 (17) - 150 (161)	40%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.11	*	30 (23) - 150 (138)	28%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.19		30 (33) - 130 (121)	47%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.15		30 (32) - 130 (121)	38%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.089	*	30 (21) - 130 (130)	22%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	7740	7.545
1146-65-2	Naphthalene-d8	20500	10.304
15067-26-2	Acenaphthene-d10	9840	14.178
1517-22-2	Phenanthrene-d10	18400	16.929

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1719-03-5	Chrysene-d12	15400	21.139			
1520-96-3	Perylene-d12	16700	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