

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/02/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/02/24
Client Sample ID:	924-K1-WP0-0.25-080224MSD	SDG No.:	P3467
Lab Sample ID:	P3466-03MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139005.D	1	08/05/24 08:25	08/14/24 20:47	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	16.3		1.60	5.30	ug/L
100-52-7	Benzaldehyde	4.20	U	4.20	10.5	ug/L
95-48-7	2-Methylphenol	36.1		1.20	5.30	ug/L
65794-96-9	3+4-Methylphenols	32.8		1.20	10.5	ug/L
67-72-1	Hexachloroethane	41.6		1.10	5.30	ug/L
98-95-3	Nitrobenzene	55.8		1.30	5.30	ug/L
91-20-3	Naphthalene	50.3		1.10	5.30	ug/L
87-68-3	Hexachlorobutadiene	51.4		1.30	5.30	ug/L
91-57-6	2-Methylnaphthalene	49.2		1.20	5.30	ug/L
88-06-2	2,4,6-Trichlorophenol	56.9		0.94	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	55.9		1.10	5.30	ug/L
208-96-8	Acenaphthylene	59.9		1.10	5.30	ug/L
83-32-9	Acenaphthene	55.3		0.85	5.30	ug/L
132-64-9	Dibenzofuran	57.7		0.98	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	62.4		1.60	5.30	ug/L
86-73-7	Fluorene	59.7		1.00	5.30	ug/L
118-74-1	Hexachlorobenzene	51.5		1.20	5.30	ug/L
87-86-5	Pentachlorophenol	97.5	E	1.90	10.5	ug/L
85-01-8	Phenanthrene	58.3		0.94	5.30	ug/L
120-12-7	Anthracene	59.1		1.10	5.30	ug/L
86-74-8	Carbazole	64.6		1.20	5.30	ug/L
84-74-2	Di-n-butylphthalate	66.6		1.50	5.30	ug/L
206-44-0	Fluoranthene	69.4		1.40	5.30	ug/L
129-00-0	Pyrene	55.8		1.10	5.30	ug/L
56-55-3	Benzo(a)anthracene	57.1		0.99	5.30	ug/L
218-01-9	Chrysene	56.1		0.91	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.1		2.00	5.30	ug/L
205-99-2	Benzo(b)fluoranthene	59.8		1.20	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	66.8		1.30	5.30	ug/L

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50-32-8	Benzo(a)pyrene	61.5		1.80	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.2		1.10	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.9		1.20	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		1.20	5.30	ug/L
123-91-1	1,4-Dioxane	24.1		1.30	5.30	ug/L
90-12-0	1-Methylnaphthalene	46.2		0.91	5.30	ug/L

SURROGATES

367-12-4	2-Fluorophenol	75.1		15 (10) - 110 (139)	50%	SPK: 150
13127-88-3	Phenol-d6	43.2		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		30 (49) - 130 (133)	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		30 (52) - 130 (132)	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	113		30 (48) - 130 (125)	113%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	35400	6.834
1146-65-2	Naphthalene-d8	122000	8.116
15067-26-2	Acenaphthene-d10	56200	9.869
1517-22-2	Phenanthrene-d10	107000	11.357
1719-03-5	Chrysene-d12	69400	13.998
1520-96-3	Perylene-d12	51400	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