

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-WP0-0.25-080224MS	SDG No.:	P3467
Lab Sample ID:	P3466-02MS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 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
BF139004.D	1	08/05/24 08:25	08/14/24 20:16	PB162489

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	16.2		1.60	5.10	ug/L
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
95-48-7	2-Methylphenol	35.8		1.20	5.10	ug/L
98-86-2	Acetophenone	55.8		1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	32.7		1.20	10.2	ug/L
98-95-3	Nitrobenzene	54.7		1.30	5.10	ug/L
120-83-2	2,4-Dichlorophenol	49.5		0.90	5.10	ug/L
91-20-3	Naphthalene	49.4		1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	50.5		1.30	5.10	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.20	5.10	ug/L
88-06-2	2,4,6-Trichlorophenol	56.6		0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	53.2		1.00	5.10	ug/L
208-96-8	Acenaphthylene	57.6		1.10	5.10	ug/L
83-32-9	Acenaphthene	52.9		0.83	5.10	ug/L
132-64-9	Dibenzofuran	56.6		0.95	5.10	ug/L
86-73-7	Fluorene	57.0		0.98	5.10	ug/L
118-74-1	Hexachlorobenzene	49.6		1.20	5.10	ug/L
87-86-5	Pentachlorophenol	92.4	E	1.90	10.2	ug/L
85-01-8	Phenanthrene	56.1		0.91	5.10	ug/L
86-74-8	Carbazole	61.8		1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	63.6		1.50	5.10	ug/L
206-44-0	Fluoranthene	67.2		1.30	5.10	ug/L
129-00-0	Pyrene	54.2		1.10	5.10	ug/L
56-55-3	Benzo(a)anthracene	56.3		0.96	5.10	ug/L
218-01-9	Chrysene	53.6		0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.7		1.90	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	57.9		1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	61.7		1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	58.3		1.70	5.10	ug/L

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193-39-5	Indeno(1,2,3-cd)pyrene	46.7		1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.6		1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	42.5		1.20	5.10	ug/L
123-91-1	1,4-Dioxane	23.5		1.30	5.10	ug/L
90-12-0	1-Methylnaphthalene	44.8		0.88	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	77.1		15 (10) - 110 (139)	51%	SPK: 150
13127-88-3	Phenol-d6	45.0		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		30 (49) - 130 (133)	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		30 (52) - 130 (132)	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (32) - 110 (145)	105%	SPK: 150
1718-51-0	Terphenyl-d14	115		30 (36) - 130 (145)	115%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	32200	6.834			
1146-65-2	Naphthalene-d8	114000	8.116			
15067-26-2	Acenaphthene-d10	51500	9.869			
1517-22-2	Phenanthrene-d10	97200	11.357			
1719-03-5	Chrysene-d12	61700	13.998			
1520-96-3	Perylene-d12	47300	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