

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162822BS	SDG No.:	P3657
Lab Sample ID:	PB162822BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 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
BP021568.D	1	08/19/24 09:40	08/20/24 11:31	PB162822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	28.7		1.60	5.00	ug/L
100-52-7	Benzaldehyde	16.8		4.00	10.0	ug/L
95-48-7	2-Methylphenol	49.7		1.10	5.00	ug/L
98-86-2	Acetophenone	39.8		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	51.5		1.20	10.0	ug/L
98-95-3	Nitrobenzene	44.7		1.30	5.00	ug/L
120-83-2	2,4-Dichlorophenol	56.0		0.88	5.00	ug/L
91-20-3	Naphthalene	43.9		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.5		1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	44.8		1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	57.1		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	55.3		1.00	5.00	ug/L
208-96-8	Acenaphthylene	48.9		1.00	5.00	ug/L
83-32-9	Acenaphthene	51.6		0.81	5.00	ug/L
132-64-9	Dibenzofuran	45.7		0.93	5.00	ug/L
86-73-7	Fluorene	43.7		0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	46.6		0.89	5.00	ug/L
86-74-8	Carbazole	47.8		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.4		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.1		1.30	5.00	ug/L
129-00-0	Pyrene	48.5		1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	47.9		0.94	5.00	ug/L
218-01-9	Chrysene	48.0		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.2		1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	51.7		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	50.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.3		1.70	5.00	ug/L

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193-39-5	Indeno(1,2,3-cd)pyrene	54.2		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.3		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	51.4		1.20	5.00	ug/L
123-91-1	1,4-Dioxane	28.5		1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	42.7		0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	139		15 (10) - 110 (139)	93%	SPK: 150
13127-88-3	Phenol-d6	131		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.7		30 (49) - 130 (133)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	85.2		30 (48) - 130 (125)	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	495000	7.81			
1146-65-2	Naphthalene-d8	2070000	10.599			
15067-26-2	Acenaphthene-d10	1390000	14.451			
1517-22-2	Phenanthrene-d10	3040000	17.257			
1719-03-5	Chrysene-d12	2680000	21.727			
1520-96-3	Perylene-d12	2880000	25.168			

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