

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162787BL	SDG No.:	P3645
Lab Sample ID:	PB162787BL	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033508.D	1	08/16/24 10:33	08/20/24 16:28	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.020	U	0.020	0.10	ug/L
91-57-6	2-Methylnaphthalene	0.030	U	0.030	0.10	ug/L
208-96-8	Acenaphthylene	0.020	U	0.020	0.10	ug/L
83-32-9	Acenaphthene	0.020	U	0.020	0.10	ug/L
86-73-7	Fluorene	0.020	U	0.020	0.10	ug/L
85-01-8	Phenanthrene	0.020	U	0.020	0.10	ug/L
120-12-7	Anthracene	0.020	U	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.020	U	0.020	0.10	ug/L
129-00-0	Pyrene	0.020	U	0.020	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.020	U	0.020	0.10	ug/L
218-01-9	Chrysene	0.030	U	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	U	0.030	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.030	U	0.030	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.060	U	0.060	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.040	U	0.040	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	76%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (30) - 150 (150)	74%	SPK: 0.4
367-12-4	2-Fluorophenol	0.26		15 (10) - 110 (100)	64%	SPK: 0.4
13127-88-3	Phenol-d6	0.25		15 (10) - 110 (100)	63%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (123)	77%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (34) - 130 (132)	85%	SPK: 0.4
118-79-6	2,4,6-Tribromophenol	0.18		15 (10) - 110 (131)	46%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.34		30 (35) - 130 (157)	85%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	8440	7.552			

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1146-65-2	Naphthalene-d8	21600	10.314			
15067-26-2	Acenaphthene-d10	9670	14.188			
1517-22-2	Phenanthrene-d10	18300	16.942			
1719-03-5	Chrysene-d12	11100	21.148			
1520-96-3	Perylene-d12	11400	23.317			

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