

Hit Summary Sheet SW-846

SDG No.: P3645
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 914-J-WS-081524								
P3645-01	914-J-WS-081524	WATER	Naphthalene	0.050	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Acenaphthene	0.190		0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Fluorene	0.180		0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Phenanthrene	0.030	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Anthracene	0.020	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Pyrene	0.040	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Chrysene	0.060	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Benzo(b)fluoranthene	0.060	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Benzo(k)fluoranthene	0.050	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Indeno(1,2,3-cd)pyrene	0.040	J	0.04	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Dibenzo(a,h)anthracene	0.040	J	0.04	0.1	ug/L
P3645-01	914-J-WS-081524	WATER	Benzo(g,h,i)perylene	0.040	J	0.04	0.1	ug/L
Total Svoc :						0.90		
Total Concentration:						0.90		
Client ID : 916-J-WS-081524								
P3645-02	916-J-WS-081524	WATER	Naphthalene	0.030	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Acenaphthene	0.090	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Fluorene	0.130		0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Phenanthrene	0.030	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Pyrene	0.030	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	WATER	Chrysene	0.030	J	0.03	0.1	ug/L
Total Svoc :						0.40		
Total Concentration:						0.40		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	914-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	980 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
BN033512.D	1	08/16/24 10:33	08/20/24 18:52	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.050	J	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	0.19		0.020	0.10	ug/L
86-73-7	Fluorene	0.18		0.020	0.10	ug/L
85-01-8	Phenanthrene	0.030	J	0.020	0.10	ug/L
120-12-7	Anthracene	0.020	J	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.060	J	0.020	0.10	ug/L
129-00-0	Pyrene	0.040	J	0.020	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.040	J	0.020	0.10	ug/L
218-01-9	Chrysene	0.060	J	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.060	J	0.030	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	J	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	J	0.040	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	J	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	J	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	0.26		30 (20) - 150 (139)	64%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.28		30 (30) - 150 (150)	70%	SPK: 0.4
367-12-4	2-Fluorophenol	0.12		15 (10) - 110 (100)	31%	SPK: 0.4
13127-88-3	Phenol-d6	0.088		15 (10) - 110 (100)	22%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.25		30 (27) - 130 (123)	61%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.28		30 (34) - 130 (132)	69%	SPK: 0.4
118-79-6	2,4,6-Tribromophenol	0.21		15 (10) - 110 (131)	53%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.32		30 (35) - 130 (157)	80%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7580	7.552			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	914-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	980 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
BN033512.D	1	08/16/24 10:33	08/20/24 18:52	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	20200	10.314			
15067-26-2	Acenaphthene-d10	10200	14.189			
1517-22-2	Phenanthrene-d10	20200	16.929			
1719-03-5	Chrysene-d12	12900	21.148			
1520-96-3	Perylene-d12	12200	23.315			

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	916-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	990 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
BN033513.D	1	08/16/24 10:33	08/20/24 19:28	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.030	J	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	0.090	J	0.020	0.10	ug/L
86-73-7	Fluorene	0.13		0.020	0.10	ug/L
85-01-8	Phenanthrene	0.030	J	0.020	0.10	ug/L
120-12-7	Anthracene	0.020	U	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.060	J	0.020	0.10	ug/L
129-00-0	Pyrene	0.030	J	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	J	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	0.27		30 (20) - 150 (139)	68%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (30) - 150 (150)	83%	SPK: 0.4
367-12-4	2-Fluorophenol	0.14		15 (10) - 110 (100)	34%	SPK: 0.4
13127-88-3	Phenol-d6	0.089		15 (10) - 110 (100)	22%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (27) - 130 (123)	68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (34) - 130 (132)	76%	SPK: 0.4
118-79-6	2,4,6-Tribromophenol	0.23		15 (10) - 110 (131)	57%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.29		30 (35) - 130 (157)	73%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7720	7.552			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	916-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	990 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
BN033513.D	1	08/16/24 10:33	08/20/24 19:28	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	19600	10.314			
15067-26-2	Acenaphthene-d10	9100	14.188			
1517-22-2	Phenanthrene-d10	18000	16.929			
1719-03-5	Chrysene-d12	14700	21.139			
1520-96-3	Perylene-d12	14900	23.311			

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

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B = Analyte Found in Associated Method Blank

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A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	P3645	OrderDate:	8/15/2024 9:40:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	G21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3645-01	914-J-WS-081524	Water	SVOCMS Group3	8270-Modified	08/15/24	08/16/24	08/20/24	08/15/24
P3645-02	916-J-WS-081524	Water	SVOCMS Group3	8270-Modified	08/15/24	08/16/24	08/20/24	08/15/24