284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P3596

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 918-J-WS-081324								
P3596-01	918-J-WS-081324	WATER	Fluorene	0.110		0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Phenanthrene	0.050	J	0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Anthracene	0.030	J	0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Fluoranthene	0.080	J	0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Pyrene	0.050	J	0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Chrysene	0.040	J	0.03	0.1	ug/L
P3596-01	918-J-WS-081324	WATER	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
			Total Svoc :	**0.43**				
			Total Concentration:	**0.43**				
Client ID : 918-J-WS-081324-FD								
P3596-02	918-J-WS-081324-FD	WATER	Fluorene	0.040	J	0.02	0.11	ug/L
P3596-02	918-J-WS-081324-FD	WATER	Phenanthrene	0.040	J	0.02	0.11	ug/L
P3596-02	918-J-WS-081324-FD	WATER	Fluoranthene	0.060	J	0.02	0.11	ug/L
P3596-02	918-J-WS-081324-FD	WATER	Pyrene	0.040	J	0.02	0.11	ug/L
P3596-02	918-J-WS-081324-FD	WATER	Chrysene	0.030	J	0.03	0.11	ug/L
P3596-02	918-J-WS-081324-FD	WATER	Benzo(b)fluoranthene	0.030	J	0.03	0.11	ug/L
			Total Svoc :	**0.24**				
			Total Concentration:	**0.24**				

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324	SDG No.:	P3596
Lab Sample ID:	P3596-01	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
BN033458.D	1	08/14/24 08:45	08/17/24 08:27	PB162723

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	0.11		0.020	0.10	ug/L
85-01-8	Phenanthrene	0.050	J	0.020	0.10	ug/L
120-12-7	Anthracene	0.030	J	0.020	0.10	ug/L
206-44-0	Fluoranthene	0.080	J	0.020	0.10	ug/L
129-00-0	Pyrene	0.050	J	0.020	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.030	J	0.020	0.10	ug/L
218-01-9	Chrysene	0.040	J	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	J	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	0.29		30 (20) - 150 (139)	74%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (30) - 150 (150)	100%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (123)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (34) - 130 (132)	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (35) - 130 (157)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7350	7.559			
1146-65-2	Naphthalene-d8	20100	10.325			
15067-26-2	Acenaphthene-d10	10100	14.199			
1517-22-2	Phenanthrene-d10	21200	16.942			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324	SDG No.:	P3596
Lab Sample ID:	P3596-01	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
BN033458.D	1	08/14/24 08:45	08/17/24 08:27	PB162723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	18500	21.148			
1520-96-3	Perylene-d12	19500	23.323			

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	P3596
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 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
BN033459.D	1	08/14/24 08:45	08/17/24 09:04	PB162723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.030	U	0.030	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.030	U	0.030	0.11	ug/L
208-96-8	Acenaphthylene	0.020	U	0.020	0.11	ug/L
83-32-9	Acenaphthene	0.020	U	0.020	0.11	ug/L
86-73-7	Fluorene	0.040	J	0.020	0.11	ug/L
85-01-8	Phenanthrene	0.040	J	0.020	0.11	ug/L
120-12-7	Anthracene	0.030	U	0.030	0.11	ug/L
206-44-0	Fluoranthene	0.060	J	0.020	0.11	ug/L
129-00-0	Pyrene	0.040	J	0.020	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.020	U	0.020	0.11	ug/L
218-01-9	Chrysene	0.030	J	0.030	0.11	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	J	0.030	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.040	U	0.040	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.060	U	0.060	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.040	U	0.040	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.040	U	0.040	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.11	ug/L
123-91-1	1,4-Dioxane	0.070	U	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	71%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (30) - 150 (150)	99%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.34		30 (27) - 130 (123)	85%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (34) - 130 (132)	79%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.49		30 (35) - 130 (157)	122%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	6780	7.559			
1146-65-2	Naphthalene-d8	18500	10.325			
15067-26-2	Acenaphthene-d10	9150	14.199			
1517-22-2	Phenanthrene-d10	18700	16.942			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/13/24
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	P3596
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	950 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
BN033459.D	1	08/14/24 08:45	08/17/24 09:04	PB162723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	15900	21.148			
1520-96-3	Perylene-d12	16800	23.32			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

OrderID:	P3596	**OrderDate:**	8/13/2024 1:10:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3596-01	**918-J-WS-081324**	**Water**			**08/13/24**			**08/13/24**
			SVOCMS Group3	8270-Modified		08/14/24	08/17/24	
P3596-02	**918-J-WS-081324-FD**	**Water**			**08/13/24**			**08/13/24**
			SVOCMS Group3	8270-Modified		08/14/24	08/17/24	