



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet SW-846

SDG No.: P3609

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 915-J-WS-081424								
P3609-01	915-J-WS-081424	WATER	Fluorene	0.070	J	0.02	0.1	ug/L
P3609-01	915-J-WS-081424	WATER	Phenanthrene	0.040	J	0.02	0.1	ug/L
P3609-01	915-J-WS-081424	WATER	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3609-01	915-J-WS-081424	WATER	Pyrene	0.040	J	0.02	0.1	ug/L
P3609-01	915-J-WS-081424	WATER	Chrysene	0.030	J	0.03	0.1	ug/L
P3609-01	915-J-WS-081424	WATER	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
Total Svoc :						0.27		
Total Concentration:						0.27		
Client ID : 920-J-WS-081424								
P3609-02	920-J-WS-081424	WATER	Fluorene	0.040	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	WATER	Phenanthrene	0.040	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	WATER	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	WATER	Pyrene	0.040	J	0.02	0.1	ug/L
P3609-02	920-J-WS-081424	WATER	Chrysene	0.040	J	0.03	0.1	ug/L
P3609-02	920-J-WS-081424	WATER	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
Total Svoc :						0.25		
Total Concentration:						0.25		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	915-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	960 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
BN033471.D	1	08/15/24 08:23	08/17/24 16:57	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.030	U	0.030	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	0.070	J	0.020	0.10	ug/L
85-01-8	Phenanthrene	0.040	J	0.020	0.10	ug/L
120-12-7	Anthracene	0.030	U	0.030	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	0.020	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	J	0.030	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.040	U	0.040	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	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	69%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (30) - 150 (150)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (123)	88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.33		30 (34) - 130 (132)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.65	*	30 (35) - 130 (157)	163%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	8280	7.559			
1146-65-2	Naphthalene-d8	22100	10.314			
15067-26-2	Acenaphthene-d10	10700	14.189			
1517-22-2	Phenanthrene-d10	21500	16.942			

Report of Analysis

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Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	915-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	960 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
BN033471.D	1	08/15/24 08:23	08/17/24 16:57	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	18100	21.148			
1520-96-3	Perylene-d12	19100	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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	920-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-02	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
BN033454.D	1	08/15/24 08:23	08/17/24 06:02	PB162758

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	0.040	J	0.020	0.10	ug/L
85-01-8	Phenanthrene	0.040	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	0.040	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	0.040	J	0.030	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.030	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	0.27		30 (20) - 150 (139)	67%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (30) - 150 (150)	88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (123)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.29		30 (34) - 130 (132)	73%	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	7670	7.559			
1146-65-2	Naphthalene-d8	20900	10.325			
15067-26-2	Acenaphthene-d10	10500	14.199			
1517-22-2	Phenanthrene-d10	19700	16.942			

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/14/24
Client Sample ID:	920-J-WS-081424	SDG No.:	P3609
Lab Sample ID:	P3609-02	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
BN033454.D	1	08/15/24 08:23	08/17/24 06:02	PB162758

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	15400	21.148			
1520-96-3	Perylene-d12	16100	23.32			

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LOQ = Limit of Quantitation

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A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	P3609	OrderDate:	8/14/2024 12:48:00 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
P3609-01	915-J-WS-081424	Water	SVOCMS Group3	8270-Modified	08/14/24	08/15/24	08/17/24	08/14/24
P3609-02	920-J-WS-081424	Water	SVOCMS Group3	8270-Modified	08/14/24	08/15/24	08/17/24	08/14/24