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

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P3429

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	926-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 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
BF138847.D	1	08/01/24 08:20	08/07/24 17:36	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.10	ug/L
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.2	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	926-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 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
BF138847.D	1	08/01/24 08:20	08/07/24 17:36	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.5		15 (10) - 110 (139)	44%	SPK: 150
13127-88-3	Phenol-d6	39.2		15 (10) - 110 (134)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		30 (49) - 130 (133)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.2		30 (52) - 130 (132)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		15 (32) - 110 (145)	98%	SPK: 150
1718-51-0	Terphenyl-d14	108		30 (36) - 130 (145)	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	42800	6.84			
1146-65-2	Naphthalene-d8	180000	8.122			
15067-26-2	Acenaphthene-d10	99200	9.869			
1517-22-2	Phenanthrene-d10	164000	11.357			
1719-03-5	Chrysene-d12	80800	13.998			
1520-96-3	Perylene-d12	84700	15.457			

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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	931-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	990 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
BF138848.D	1	08/01/24 08:20	08/07/24 18:06	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.10	ug/L
100-52-7	Benzaldehyde	4.00	U	4.00	10.1	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.1	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.90	U	0.90	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	5.10	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.10	ug/L
86-73-7	Fluorene	0.97	U	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.1	ug/L
85-01-8	Phenanthrene	0.90	U	0.90	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	5.10	ug/L
218-01-9	Chrysene	0.87	U	0.87	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	931-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	990 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
BF138848.D	1	08/01/24 08:20	08/07/24 18:06	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	58.9		15 (10) - 110 (139)	39%	SPK: 150
13127-88-3	Phenol-d6	36.0		15 (10) - 110 (134)	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		30 (49) - 130 (133)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.0		30 (52) - 130 (132)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		15 (32) - 110 (145)	91%	SPK: 150
1718-51-0	Terphenyl-d14	91.7		30 (36) - 130 (145)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	45600	6.84			
1146-65-2	Naphthalene-d8	185000	8.122			
15067-26-2	Acenaphthene-d10	102000	9.869			
1517-22-2	Phenanthrene-d10	162000	11.357			
1719-03-5	Chrysene-d12	78700	13.998			
1520-96-3	Perylene-d12	84500	15.457			

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:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	925-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 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
BF138849.D	1	08/01/24 08:20	08/07/24 18:36	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.20	ug/L
100-52-7	Benzaldehyde	4.20	U	4.20	10.4	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.4	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.10	U	1.10	5.20	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
86-73-7	Fluorene	1.00	U	1.00	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.20	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	5.20	ug/L
218-01-9	Chrysene	0.90	U	0.90	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	2.00	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	07/31/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	07/31/24
Client Sample ID:	925-K1-WS-073124	SDG No.:	P3429
Lab Sample ID:	P3429-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 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
BF138849.D	1	08/01/24 08:20	08/07/24 18:36	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
90-12-0	1-Methylnaphthalene	0.90	U	0.90	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.5		15 (10) - 110 (139)	43%	SPK: 150
13127-88-3	Phenol-d6	38.1		15 (10) - 110 (134)	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.7		30 (49) - 130 (133)	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		30 (52) - 130 (132)	105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (32) - 110 (145)	108%	SPK: 150
1718-51-0	Terphenyl-d14	111		30 (36) - 130 (145)	111%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	41200	6.84			
1146-65-2	Naphthalene-d8	167000	8.122			
15067-26-2	Acenaphthene-d10	91000	9.869			
1517-22-2	Phenanthrene-d10	146000	11.357			
1719-03-5	Chrysene-d12	69900	13.992			
1520-96-3	Perylene-d12	75500	15.457			

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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LAB CHRONICLE

OrderID:	P3429	**OrderDate:**	7/31/2024 4:38:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3429-01	**926-K1-WS-073124**	**Water**			**07/31/24**			**07/31/24**
			SVOCMS Group6	8270E		08/01/24	08/07/24	
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	
P3429-02	**931-K1-WS-073124**	**Water**			**07/31/24**			**07/31/24**
			SVOCMS Group6	8270E		08/01/24	08/07/24	
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	
P3429-03	**925-K1-WS-073124**	**Water**			**07/31/24**			**07/31/24**
			SVOCMS Group6	8270E		08/01/24	08/07/24	
			SVOC-SIMGroup1	8270-Modified		08/01/24	08/03/24	