



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.: P3573
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

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-1-1.5-080924	SDG No.:	P3573
Lab Sample ID:	P3573-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139037.D	1	08/13/24 08:30	08/15/24 22:47	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	100	U	100	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	63.4		30 (18) - 130 (107)	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.3		30 (20) - 130 (109)	62%	SPK: 100
1718-51-0	Terphenyl-d14	66.6		30 (10) - 130 (105)	67%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	42100	6.834			
1146-65-2	Naphthalene-d8	174000	8.116			
15067-26-2	Acenaphthene-d10	94500	9.869			
1517-22-2	Phenanthrene-d10	153000	11.351			
1719-03-5	Chrysene-d12	76300	13.998			
1520-96-3	Perylene-d12	79100	15.463			

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:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-1-1.5-080924-FD	SDG No.:	P3573
Lab Sample ID:	P3573-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021522.D	1	08/13/24 08:30	08/15/24 20:47	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	97.7	U	97.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.3	U	98.3	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	70.1		30 (18) - 130 (107)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.3		30 (20) - 130 (109)	60%	SPK: 100
1718-51-0	Terphenyl-d14	59.4		30 (10) - 130 (105)	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	408000	7.804			
1146-65-2	Naphthalene-d8	1620000	10.587			
15067-26-2	Acenaphthene-d10	1040000	14.451			
1517-22-2	Phenanthrene-d10	2330000	17.245			
1719-03-5	Chrysene-d12	2530000	21.698			
1520-96-3	Perylene-d12	2810000	25.109			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-1.5-2-080924	SDG No.:	P3573
Lab Sample ID:	P3573-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139035.D	1	08/13/24 08:30	08/15/24 21:45	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	100	U	100	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	58.3		30 (18) - 130 (107)	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.1		30 (20) - 130 (109)	57%	SPK: 100
1718-51-0	Terphenyl-d14	57.5		30 (10) - 130 (105)	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	41000	6.834			
1146-65-2	Naphthalene-d8	162000	8.116			
15067-26-2	Acenaphthene-d10	86100	9.869			
1517-22-2	Phenanthrene-d10	139000	11.357			
1719-03-5	Chrysene-d12	72100	13.998			
1520-96-3	Perylene-d12	78000	15.463			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-2-2.5-080924	SDG No.:	P3573
Lab Sample ID:	P3573-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021523.D	1	08/13/24 08:30	08/15/24 21:30	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	100	U	100	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	67.6		30 (18) - 130 (107)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		30 (20) - 130 (109)	56%	SPK: 100
1718-51-0	Terphenyl-d14	55.9		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	388000	7.799			
1146-65-2	Naphthalene-d8	1530000	10.587			
15067-26-2	Acenaphthene-d10	963000	14.439			
1517-22-2	Phenanthrene-d10	2110000	17.245			
1719-03-5	Chrysene-d12	2260000	21.686			
1520-96-3	Perylene-d12	2270000	25.074			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-3-3.5-080924	SDG No.:	P3573
Lab Sample ID:	P3573-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139036.D	1	08/13/24 08:30	08/15/24 22:16	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	99.7	U	99.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.3		30 (18) - 130 (107)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.6		30 (20) - 130 (109)	67%	SPK: 100
1718-51-0	Terphenyl-d14	69.4		30 (10) - 130 (105)	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35800	6.833			
1146-65-2	Naphthalene-d8	148000	8.116			
15067-26-2	Acenaphthene-d10	79000	9.869			
1517-22-2	Phenanthrene-d10	130000	11.351			
1719-03-5	Chrysene-d12	65500	13.998			
1520-96-3	Perylene-d12	67300	15.462			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	S-856-J-SO-4-4.5-080924	SDG No.:	P3573
Lab Sample ID:	P3573-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021524.D	1	08/13/24 08:30	08/15/24 22:14	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	110	U	110	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	240	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	62.2		30 (18) - 130 (107)	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.8		30 (20) - 130 (109)	53%	SPK: 100
1718-51-0	Terphenyl-d14	49.3		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	358000	7.804			
1146-65-2	Naphthalene-d8	1360000	10.587			
15067-26-2	Acenaphthene-d10	799000	14.439			
1517-22-2	Phenanthrene-d10	1710000	17.227			
1719-03-5	Chrysene-d12	1750000	21.668			
1520-96-3	Perylene-d12	2080000	25.08			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/09/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/09/24
Client Sample ID:	EB-01-080924	SDG No.:	P3573
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BP021517.D	1	08/13/24 08:33	08/15/24 17:09	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	99.7		30 (49) - 130 (133)	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.0		30 (52) - 130 (132)	81%	SPK: 100
1718-51-0	Terphenyl-d14	96.6		30 (48) - 130 (125)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	407000	7.799			
1146-65-2	Naphthalene-d8	1610000	10.581			
15067-26-2	Acenaphthene-d10	1030000	14.44			
1517-22-2	Phenanthrene-d10	2150000	17.245			
1719-03-5	Chrysene-d12	2220000	21.692			
1520-96-3	Perylene-d12	2140000	25.08			

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LAB CHRONICLE

OrderID:	P3573	OrderDate:	8/12/2024 9:50:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	John Ynfante	Location:	D11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3573-05	S-856-J-SO-1-1.5-080 924	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-06	S-856-J-SO-1-1.5-080 924-FD	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-07	S-856-J-SO-1.5-2-080 924	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-08	S-856-J-SO-2-2.5-080 924	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-09	S-856-J-SO-3-3.5-080 924	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-10	S-856-J-SO-4-4.5-080 924	SOIL			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	
P3573-12	EB-01-080924	Water			08/09/24			08/09/24
			SVOCMS Group2	8270E		08/13/24	08/15/24	