



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.: P3475
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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/05/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/05/24
Client Sample ID:	S-866-N-SO-0-0.5-080524	SDG No.:	P3475
Lab Sample ID:	P3475-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.05 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
BF139034.D	1	08/06/24 08:26	08/15/24 21:14	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	96.8	U	96.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.4	U	97.4	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	30.3		30 (18) - 130 (107)	30%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.3	*	30 (20) - 130 (109)	26%	SPK: 100
1718-51-0	Terphenyl-d14	28.3	*	30 (10) - 130 (105)	28%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	38800		6.834		
1146-65-2	Naphthalene-d8	154000		8.116		
15067-26-2	Acenaphthene-d10	81500		9.863		
1517-22-2	Phenanthrene-d10	134000		11.351		
1719-03-5	Chrysene-d12	66500		13.998		
1520-96-3	Perylene-d12	75100		15.462		

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:	08/05/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/05/24
Client Sample ID:	S-866-N-SO-1.0-1.5-080524	SDG No.:	P3475
Lab Sample ID:	P3475-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
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
BF139007.D	1	08/06/24 08:26	08/14/24 21:47	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
56-55-3	Benzo(a)anthracene	94.0	U	94.0	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	86.4		30 (18) - 130 (107)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.7		30 (20) - 130 (109)	74%	SPK: 100
1718-51-0	Terphenyl-d14	81.8		30 (10) - 130 (105)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	30200	6.834			
1146-65-2	Naphthalene-d8	98500	8.116			
15067-26-2	Acenaphthene-d10	45300	9.869			
1517-22-2	Phenanthrene-d10	90300	11.357			
1719-03-5	Chrysene-d12	59200	13.998			
1520-96-3	Perylene-d12	44600	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



LAB CHRONICLE

OrderID:	P3475	OrderDate:	8/6/2024 10:01:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3475-01	S-866-N-SO-0-0.5-08 0524	SOIL			08/05/24			08/05/24
			SVOCMS Group2	8270E		08/06/24	08/15/24	
P3475-02	S-866-N-SO-1.0-1.5-0 80524	SOIL			08/05/24			08/05/24
			SVOCMS Group2	8270E		08/06/24	08/14/24	



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Hit Summary Sheet
SW-846

SDG No.:

P3475

Order ID:

P3475

Client:

JACOBS Engineering Group, Inc.

Project ID:

Former Schlumberger Site Princeton 1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/05/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/05/24
Client Sample ID:	S-866-N-SO-1.0-1.5-080524	SDG No.:	P3475
Lab Sample ID:	P3475-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO105235.D	1	08/06/24 08:40	08/06/24 17:16	PB162521

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.8	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.8	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.8	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.8	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.8	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.8	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.8	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.8	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		30 (32) - 150 (144)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.4		30 (32) - 150 (175)	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	P3475	OrderDate:	8/6/2024 10:01:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3475-02	S-866-N-SO-1.0-1.5-0 80524	SOIL	PCB	8082A	08/05/24	08/06/24	08/06/24	08/05/24



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Hit Summary Sheet
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SDG No.:	P3475	Order ID:	P3475
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger Site Princeton NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	S-858-K1-SO-1.0-1.5-080524							
P3475-05	S-858-K1-SO-1.0-1.5-080524	SOIL	Silver	10.1		0.14	0.59	mg/Kg



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Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/05/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/05/24
Client Sample ID:	S-858-K1-SO-1.0-1.5-080524	SDG No.:	P3475
Lab Sample ID:	P3475-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	73.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-22-4	Silver	10.1	N	1	0.14	0.59	mg/Kg	08/07/24 07:45	08/08/24 16:11	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	YELLOW	Clarity After:	Artifacts:	N/A
Comments:	Metals Group5			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



LAB CHRONICLE

OrderID:	P3475	OrderDate:	8/6/2024 10:01:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger Site Princeton NJ
Contact:	Mary I. Murphy	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3475-05	S-858-K1-SO-1.0-1.5-080524	SOIL	Metals Group5	6020B	08/05/24	08/07/24	08/08/24	08/05/24