



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

Hit Summary Sheet
SW-846

SDG No.: Q1456
Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	EFF-WASTE WATER							
Q1456-01	EFF-WASTE WATER	Water	Chloroform	11.6	J	3.60	25.0	ug/L
			Total Voc :			11.6		
			Total Concentration:			11.6		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-PP
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045123.D	5		03/04/25 10:31	VX030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	5.90	U	5.90	25.0	ug/L
75-01-4	Vinyl Chloride	6.10	U	6.10	25.0	ug/L
74-83-9	Bromomethane	6.90	U	6.90	25.0	ug/L
75-00-3	Chloroethane	14.6	U	14.6	25.0	ug/L
75-69-4	Trichlorofluoromethane	5.10	U	5.10	25.0	ug/L
75-35-4	1,1-Dichloroethene	5.30	U	5.30	25.0	ug/L
107-02-8	Acrolein	46.5	U	46.5	130	ug/L
107-13-1	Acrylonitrile	18.4	U	18.4	130	ug/L
75-09-2	Methylene Chloride	6.10	U	6.10	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.80	U	4.80	25.0	ug/L
75-34-3	1,1-Dichloroethane	4.10	U	4.10	25.0	ug/L
56-23-5	Carbon Tetrachloride	4.60	U	4.60	25.0	ug/L
67-66-3	Chloroform	11.6	J	3.60	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	U	4.00	25.0	ug/L
71-43-2	Benzene	3.50	U	3.50	25.0	ug/L
107-06-2	1,2-Dichloroethane	3.80	U	3.80	25.0	ug/L
79-01-6	Trichloroethene	3.90	U	3.90	25.0	ug/L
78-87-5	1,2-Dichloropropane	3.30	U	3.30	25.0	ug/L
75-27-4	Bromodichloromethane	4.10	U	4.10	25.0	ug/L
108-88-3	Toluene	3.60	U	3.60	25.0	ug/L
10061-02-6	t-1,3-Dichloropropene	4.00	U	4.00	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	4.20	U	4.20	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	3.40	U	3.40	25.0	ug/L
110-75-8	2-Chloroethyl vinyl ether	28.2	U	28.2	130	ug/L
124-48-1	Dibromochloromethane	3.60	U	3.60	25.0	ug/L
127-18-4	Tetrachloroethene	4.70	U	4.70	25.0	ug/L
108-90-7	Chlorobenzene	3.40	U	3.40	25.0	ug/L
100-41-4	Ethyl Benzene	3.70	U	3.70	25.0	ug/L
179601-23-1	m/p-Xylenes	8.60	U	8.60	50.0	ug/L
95-47-6	o-Xylene	4.10	U	4.10	25.0	ug/L

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	02/27/25	
Project:	PVSC Monthly 2025		Date Received:	02/27/25	
Client Sample ID:	EFF-WASTE WATER		SDG No.:	Q1456	
Lab Sample ID:	Q1456-01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-PP	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045123.D	5		03/04/25 10:31	VX030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
75-25-2	Bromoform	5.00	U	5.00	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.00	U	3.00	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	4.80	U	4.80	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.8		91 - 110	103%	SPK: 30
2037-26-5	Toluene-d8	29.1		91 - 112	97%	SPK: 30
460-00-4	4-Bromofluorobenzene	28.2		63 - 112	94%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	15200	4.885			
540-36-3	1,4-Difluorobenzene	81800	6.757			
3114-55-4	Chlorobenzene-d5	77100	10.049			

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



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

LAB CHRONICLE

OrderID:	Q1456	OrderDate:	2/27/2025 12:51:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1456-01	EFF-WASTE WATER	Water	VOC-PP	624.1	02/27/25		03/04/25	02/27/25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: Q1456
Client: Ardmore Chemical

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	EFF-WASTE WATER							
Q1456-02	EFF-WASTE WATER	WATER	Phenol	3.200	J	1.1	5.7	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Diethylphthalate	3.900	J	1.2	5.7	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Pentachlorophenol	12.300		2.1	11.5	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Di-n-butylphthalate	3.500	J	1.7	5.7	ug/L
Total Svoc :				22.90				
Total Concentration:				22.90				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	02/27/25	
Project:	PVSC Monthly 2025		Date Received:	02/27/25	
Client Sample ID:	EFF-WASTE WATER		SDG No.:	Q1456	
Lab Sample ID:	Q1456-02		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	870	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.20	U	1.20	11.5	ug/L
108-95-2	Phenol	3.20	J	1.10	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.40	U	1.40	5.70	ug/L
95-57-8	2-Chlorophenol	0.82	U	0.82	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1.60	5.70	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	5.70	ug/L
67-72-1	Hexachloroethane	1.20	U	1.20	5.70	ug/L
98-95-3	Nitrobenzene	1.50	U	1.50	5.70	ug/L
78-59-1	Isophorone	1.30	U	1.30	5.70	ug/L
88-75-5	2-Nitrophenol	2.30	U	2.30	5.70	ug/L
105-67-9	2,4-Dimethylphenol	1.70	U	1.70	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.20	U	1.20	5.70	ug/L
120-83-2	2,4-Dichlorophenol	1.00	U	1.00	5.70	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	5.70	ug/L
91-20-3	Naphthalene	1.20	U	1.20	5.70	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.70	ug/L
59-50-7	4-Chloro-3-methylphenol	0.97	U	0.97	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	5.80	UQ	5.80	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	1.00	U	1.00	5.70	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.70	ug/L
131-11-3	Dimethylphthalate	1.10	U	1.10	5.70	ug/L
208-96-8	Acenaphthylene	1.20	U	1.20	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	1.40	U	1.40	5.70	ug/L
83-32-9	Acenaphthene	0.93	U	0.93	5.70	ug/L
51-28-5	2,4-Dinitrophenol	7.40	U	7.40	11.5	ug/L
100-02-7	4-Nitrophenol	2.30	U	2.30	11.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.70	U	1.70	5.70	ug/L
84-66-2	Diethylphthalate	3.90	J	1.20	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.70	ug/L

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	02/27/25	
Project:	PVSC Monthly 2025		Date Received:	02/27/25	
Client Sample ID:	EFF-WASTE WATER		SDG No.:	Q1456	
Lab Sample ID:	Q1456-02		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	870	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	1.10	U	1.10	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.50	UQ	3.50	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	1.00	U	1.00	5.70	ug/L
103-33-3	Azobenzene	1.40	U	1.40	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	1.10	U	1.10	5.70	ug/L
118-74-1	Hexachlorobenzene	1.30	U	1.30	5.70	ug/L
87-86-5	Pentachlorophenol	12.3		2.10	11.5	ug/L
85-01-8	Phenanthrene	1.00	U	1.00	5.70	ug/L
120-12-7	Anthracene	1.20	U	1.20	5.70	ug/L
84-74-2	Di-n-butylphthalate	3.50	J	1.70	5.70	ug/L
206-44-0	Fluoranthene	1.50	U	1.50	5.70	ug/L
92-87-5	Benzidine	4.70	U	4.70	11.5	ug/L
129-00-0	Pyrene	1.20	U	1.20	5.70	ug/L
85-68-7	Butylbenzylphthalate	2.40	U	2.40	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	1.50	U	1.50	11.5	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.70	ug/L
218-01-9	Chrysene	0.99	U	0.99	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.20	U	2.20	5.70	ug/L
117-84-0	Di-n-octyl phthalate	2.90	U	2.90	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.30	U	1.30	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	1.40	U	1.40	5.70	ug/L
50-32-8	Benzo(a)pyrene	1.90	U	1.90	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	U	1.20	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	U	1.40	5.70	ug/L

SURROGATES

367-12-4	2-Fluorophenol	46.6	*	60 - 140	47%	SPK: 100
13127-88-3	Phenol-d6	28.9	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.2		60 - 140	95%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124		60 - 140	124%	SPK: 100
1718-51-0	Terphenyl-d14	85.6		60 - 140	86%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	263000	7.804
1146-65-2	Naphthalene-d8	957000	10.598
15067-26-2	Acenaphthene-d10	660000	14.445
1517-22-2	Phenanthrene-d10	1420000	17.186
1719-03-5	Chrysene-d12	1790000	21.427
1520-96-3	Perylene-d12	1610000	24.439

U = Not Detected

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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:	Q1456	OrderDate:	2/27/2025 12:51:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1456-02	EFF-WASTE WATER	Water	SVOCMS Group1	625.1	02/27/25	02/28/25	02/28/25	02/27/25



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Hit Summary Sheet
SW-846

SDG No.:	Q1456	Order ID:	Q1456
Client:	Ardmore Chemical	Project ID:	PVSC Monthly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WASTE WATER								
Q1456-02	EFF-WASTE WATER	Water	Copper	808		1.52	10.0	ug/L
Q1456-02	EFF-WASTE WATER	Water	Lead	3.74	J	1.57	6.00	ug/L
Q1456-02	EFF-WASTE WATER	Water	Nickel	1.86	J	1.28	20.0	ug/L
Q1456-02	EFF-WASTE WATER	Water	Zinc	309		1.44	20.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.21	U	1	0.21	3.00	ug/L	02/28/25 08:45	03/04/25 11:17	EPA 200.7	
7440-50-8	Copper	808		1	1.52	10.0	ug/L	02/28/25 08:45	03/04/25 11:17	EPA 200.7	
7439-92-1	Lead	3.74	J	1	1.57	6.00	ug/L	02/28/25 08:45	03/04/25 11:17	EPA 200.7	
7439-97-6	Mercury	0.022	U	1	0.022	0.20	ug/L	03/04/25 10:15	03/04/25 16:06	E245.1	
7440-02-0	Nickel	1.86	J	1	1.28	20.0	ug/L	02/28/25 08:45	03/04/25 11:17	EPA 200.7	
7440-66-6	Zinc	309		1	1.44	20.0	ug/L	02/28/25 08:45	03/04/25 11:17	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group2			

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:	Q1456	OrderDate:	2/27/2025 12:51:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1456-02	EFF-WASTE WATER	Water			02/27/25			02/27/25
			Mercury	245.1		03/04/25	03/04/25	
			Metals ICP-Group	200.7		02/28/25	03/04/25	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25 09:15
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.00093	U	1	0.00093	0.0050	mg/L	02/28/25 12:30	02/28/25 15:27	SM 4500-CN C-16 plus E-16

Comments:

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
H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25 09:00
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	224		1	0.17	2.00	mg/L		02/28/25 16:00	SM 5210 B-16
TSS	36.2		1	1.00	4.00	mg/L		02/28/25 11:00	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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H = Sample Analysis Out Of Hold Time

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:	Q1456	OrderDate:	2/27/2025 12:51:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1456-01	EFF-WASTE WATER	WATER			02/27/25 09:15			02/27/25
			Cyanide	SM4500-CN C,E		02/28/25	02/28/25 15:27	
Q1456-02	EFF-WASTE WATER	WATER			02/27/25 09:00			02/27/25
			BOD5	SM5210 B			02/28/25 16:00	
			TSS	SM2540 D			02/28/25 11:00	