

Hit Summary Sheet SW-846

SDG No.: Q3385

Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	EFF-WW							
Q3385-01	EFF-WW	Water	Chloroform	80.3		2.80	25.0	ug/L
Q3385-01	EFF-WW	Water	Bromodichloromethane	6.70	J	3.20	25.0	ug/L
			Total Voc :	87.0				
			Total Concentration:	87.0				

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
74-87-3	Chloromethane	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
75-01-4	Vinyl Chloride	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
74-83-9	Bromomethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-00-3	Chloroethane	11.6	U	5	11.6	25.0	ug/L	10/20/25 11:31	VN102025
75-69-4	Trichlorofluoromethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-35-4	1,1-Dichloroethene	3.80	U	5	3.80	25.0	ug/L	10/20/25 11:31	VN102025
107-02-8	Acrolein	33.1	U	5	33.1	130	ug/L	10/20/25 11:31	VN102025
107-13-1	Acrylonitrile	14.0	U	5	14.0	130	ug/L	10/20/25 11:31	VN102025
75-09-2	Methylene Chloride	4.30	U	5	4.30	25.0	ug/L	10/20/25 11:31	VN102025
156-60-5	trans-1,2-Dichloroethene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
75-34-3	1,1-Dichloroethane	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
56-23-5	Carbon Tetrachloride	3.70	U	5	3.70	25.0	ug/L	10/20/25 11:31	VN102025
67-66-3	Chloroform	80.3		5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
71-55-6	1,1,1-Trichloroethane	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
71-43-2	Benzene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
107-06-2	1,2-Dichloroethane	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
79-01-6	Trichloroethene	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
78-87-5	1,2-Dichloropropane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
75-27-4	Bromodichloromethane	6.70	J	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
108-88-3	Toluene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
10061-02-6	t-1,3-Dichloropropene	3.60	U	5	3.60	25.0	ug/L	10/20/25 11:31	VN102025
10061-01-5	cis-1,3-Dichloropropene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
79-00-5	1,1,2-Trichloroethane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
110-75-8	2-Chloroethyl vinyl ether	23.2	U	5	23.2	130	ug/L	10/20/25 11:31	VN102025
124-48-1	Dibromochloromethane	3.30	U	5	3.30	25.0	ug/L	10/20/25 11:31	VN102025
127-18-4	Tetrachloroethene	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
108-90-7	Chlorobenzene	2.40	U	5	2.40	25.0	ug/L	10/20/25 11:31	VN102025
100-41-4	Ethyl Benzene	2.80	U	5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
179601-23-1	m/p-Xylenes	6.50	U	5	6.50	50.0	ug/L	10/20/25 11:31	VN102025
95-47-6	o-Xylene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
75-25-2	Bromoform	4.70	U	5	4.70	25.0	ug/L	10/20/25 11:31	VN102025
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	5	2.20	25.0	ug/L	10/20/25 11:31	VN102025
541-73-1	1,3-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
106-46-7	1,4-Dichlorobenzene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
95-50-1	1,2-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.3			91 - 110	108%	SPK: 30		
2037-26-5	Toluene-d8	31.1			91 - 112	104%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.8			63 - 112	96%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	63500							
540-36-3	1,4-Difluorobenzene	357000							
3114-55-4	Chlorobenzene-d5	313000							

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
------------	-----------	-------	------	----	-----	------------	-------	-----------	---------

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:	Q3385	OrderDate:	10/17/2025 2:02:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3385-01	EFF-WW	Water	VOC-PP	624.1	10/17/25		10/20/25	10/17/25



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.: Q3385
Client: Ardmore Chemical

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: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-04
Analytical Method: 625.1 Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 10/22/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: SVOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	0.86	U	1	0.86	10.0	ug/L	10/27/25 13:04	PB170210
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/27/25 13:04	PB170210
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/27/25 13:04	PB170210
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	5.00	ug/L	10/27/25 13:04	PB170210
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/27/25 13:04	PB170210
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/27/25 13:04	PB170210
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/27/25 13:04	PB170210
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/27/25 13:04	PB170210
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
120-82-1	1,2,4-Trichlorobenzene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
77-47-4	Hexachlorocyclopentadiene	3.60	UQ	1	3.60	10.0	ug/L	10/27/25 13:04	PB170210
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/27/25 13:04	PB170210
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/27/25 13:04	PB170210
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/27/25 13:04	PB170210
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/27/25 13:04	PB170210
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/27/25 13:04	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/27/25 13:04	PB170210
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
103-33-3	Azobenzene	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/27/25 13:04	PB170210
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/27/25 13:04	PB170210
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/27/25 13:04	PB170210
92-87-5	Benzidine	4.30	UQ	1	4.30	10.0	ug/L	10/27/25 13:04	PB170210
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	10/17/25
Project:	PVSC Monthly 2025		Date Received:	10/17/25
Client Sample ID:	EFF-WW		SDG No.:	Q3385
Lab Sample ID:	Q3385-04		Matrix:	Water
Analytical Method:	625.1	Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	10/27/25 13:04	PB170210
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/27/25 13:04	PB170210
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/27/25 13:04	PB170210
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/27/25 13:04	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/27/25 13:04	PB170210
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/27/25 13:04	PB170210
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/27/25 13:04	PB170210
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/27/25 13:04	PB170210
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/27/25 13:04	PB170210
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210

SURROGATES

367-12-4	2-Fluorophenol	59.3	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	43.0	*		60 - 140	43%	SPK: 100
4165-60-0	Nitrobenzene-d5	92.7			60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3			60 - 140	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.8			60 - 140	85%	SPK: 100
1718-51-0	Terphenyl-d14	83.5			60 - 140	83%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	47600
1146-65-2	Naphthalene-d8	173000
15067-26-2	Acenaphthene-d10	88400
1517-22-2	Phenanthrene-d10	141000
1719-03-5	Chrysene-d12	124000
1520-96-3	Perylene-d12	165000

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:	Q3385	OrderDate:	10/17/2025 2:02:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3385-04	EFF-WW	Water	SVOCMS Group1	625.1	10/17/25	10/22/25	10/27/25	10/17/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3385
Client: Ardmore Chemical

Order ID: Q3385
Project ID: PVSC Monthly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WW								
Q3385-04	EFF-WW	Water	Lead	2.55	J	1.21	6.00	ug/L
Q3385-04	EFF-WW	Water	Zinc	175		2.00	20.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	10/17/25
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-04	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.
7439-92-1	Lead	2.55	J	1	1.21	6.00	ug/L	10/30/25 10:45	10/31/25 13:00	EPA 200.7	
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	10/27/25 10:05	10/27/25 14:23	E245.1	
7440-66-6	Zinc	175		1	2.00	20.0	ug/L	10/30/25 10:45	10/31/25 13:00	EPA 200.7	

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:	Q3385	OrderDate:	10/17/2025 2:02:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3385-04	EFF-WW	Water			10/17/25			10/17/25
			Mercury	245.1		10/27/25	10/27/25	
			Metals Group3	200.7		10/30/25	10/31/25	



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	10/17/25 12:00
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	10/21/25 10:40	10/21/25 15:36	SM 4500-CN C-21 plus E-21

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:	10/17/25 12:00
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	386		1	0.20	2.00	mg/L		10/17/25 14:30	SM 5210 B-16
TSS	6.50		1	1.00	4.00	mg/L		10/22/25 12:40	SM 2540 D-20

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

LAB CHRONICLE

OrderID:	Q3385	OrderDate:	10/17/2025 2:02:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3385-01	EFF-WW	WATER			10/17/25 12:00			10/17/25
			Cyanide	SM4500-CN C,E		10/21/25	10/21/25 15:36	
Q3385-04	EFF-WW	WATER			10/17/25 12:00			10/17/25
			BOD5	SM5210 B			10/17/25 14:30	
			TSS	SM2540 D			10/22/25 12:40	