

Hit Summary Sheet SW-846

SDG No.: Q3700

Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	EFF-WW							
Q3700-01	EFF-WW	Water	Acrolein	51.0	JQ	33.1	130	ug/L
Q3700-01	EFF-WW	Water	Chloroform	17.1	J	2.80	25.0	ug/L
			Total Voc :	68.1				
			Total Concentration:	68.1				

A

B

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SAMPLE DATA

A

B

C

D

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3700-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/20/25
SDG No.: Q3700
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	11/25/25 13:45	VN112525
75-01-4	Vinyl Chloride	4.20	U	5	4.20	25.0	ug/L	11/25/25 13:45	VN112525
74-83-9	Bromomethane	4.00	U	5	4.00	25.0	ug/L	11/25/25 13:45	VN112525
75-00-3	Chloroethane	11.6	U	5	11.6	25.0	ug/L	11/25/25 13:45	VN112525
75-69-4	Trichlorofluoromethane	4.00	U	5	4.00	25.0	ug/L	11/25/25 13:45	VN112525
75-35-4	1,1-Dichloroethene	3.80	U	5	3.80	25.0	ug/L	11/25/25 13:45	VN112525
107-02-8	Acrolein	51.0	JQ	5	33.1	130	ug/L	11/25/25 13:45	VN112525
107-13-1	Acrylonitrile	14.0	U	5	14.0	130	ug/L	11/25/25 13:45	VN112525
75-09-2	Methylene Chloride	4.30	U	5	4.30	25.0	ug/L	11/25/25 13:45	VN112525
156-60-5	trans-1,2-Dichloroethene	4.10	U	5	4.10	25.0	ug/L	11/25/25 13:45	VN112525
75-34-3	1,1-Dichloroethane	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
56-23-5	Carbon Tetrachloride	3.70	U	5	3.70	25.0	ug/L	11/25/25 13:45	VN112525
67-66-3	Chloroform	17.1	J	5	2.80	25.0	ug/L	11/25/25 13:45	VN112525
71-55-6	1,1,1-Trichloroethane	3.20	U	5	3.20	25.0	ug/L	11/25/25 13:45	VN112525
71-43-2	Benzene	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
107-06-2	1,2-Dichloroethane	2.50	U	5	2.50	25.0	ug/L	11/25/25 13:45	VN112525
79-01-6	Trichloroethene	2.50	U	5	2.50	25.0	ug/L	11/25/25 13:45	VN112525
78-87-5	1,2-Dichloropropane	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
75-27-4	Bromodichloromethane	3.20	U	5	3.20	25.0	ug/L	11/25/25 13:45	VN112525
108-88-3	Toluene	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
10061-02-6	t-1,3-Dichloropropene	3.60	U	5	3.60	25.0	ug/L	11/25/25 13:45	VN112525
10061-01-5	cis-1,3-Dichloropropene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
79-00-5	1,1,2-Trichloroethane	2.30	U	5	2.30	25.0	ug/L	11/25/25 13:45	VN112525
110-75-8	2-Chloroethyl vinyl ether	23.2	U	5	23.2	130	ug/L	11/25/25 13:45	VN112525
124-48-1	Dibromochloromethane	3.30	U	5	3.30	25.0	ug/L	11/25/25 13:45	VN112525
127-18-4	Tetrachloroethene	4.20	U	5	4.20	25.0	ug/L	11/25/25 13:45	VN112525
108-90-7	Chlorobenzene	2.40	U	5	2.40	25.0	ug/L	11/25/25 13:45	VN112525
100-41-4	Ethyl Benzene	2.80	U	5	2.80	25.0	ug/L	11/25/25 13:45	VN112525
179601-23-1	m/p-Xylenes	6.50	U	5	6.50	50.0	ug/L	11/25/25 13:45	VN112525
95-47-6	o-Xylene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
75-25-2	Bromoform	4.70	U	5	4.70	25.0	ug/L	11/25/25 13:45	VN112525
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	5	2.20	25.0	ug/L	11/25/25 13:45	VN112525
541-73-1	1,3-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
106-46-7	1,4-Dichlorobenzene	4.10	U	5	4.10	25.0	ug/L	11/25/25 13:45	VN112525
95-50-1	1,2-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	11/25/25 13:45	VN112525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	28.4			91 - 110	95%	SPK: 30		
2037-26-5	Toluene-d8	30.0			91 - 112	100%	SPK: 30		
460-00-4	4-Bromofluorobenzene	24.7			63 - 112	82%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	50600							
540-36-3	1,4-Difluorobenzene	246000							
3114-55-4	Chlorobenzene-d5	215000							

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3700-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/20/25
Date Received: 11/20/25
SDG No.: Q3700
Matrix: Water
% Solid: 0
Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
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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:	Q3700	OrderDate:	11/20/2025 4:11:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	E11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3700-01	EFF-WW	Water	VOC-PP	624.1	11/20/25		11/25/25	11/20/25



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

B

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Hit Summary Sheet SW-846

SDG No.: Q3700
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

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Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3700-04
Analytical Method: 625.1 Level: LOW
Sample Wt/Vol: 800 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/25/25

Date Collected: 11/20/25
Date Received: 11/20/25
SDG No.: Q3700
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	1.10	U	1	1.10	12.5	ug/L	11/25/25 16:15	PB170730
108-95-2	Phenol	1.10	U	1	1.10	6.30	ug/L	11/25/25 16:15	PB170730
111-44-4	bis(2-Chloroethyl)ether	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
95-57-8	2-Chlorophenol	0.73	U	1	0.73	6.30	ug/L	11/25/25 16:15	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1	1.60	6.30	ug/L	11/25/25 16:15	PB170730
621-64-7	n-Nitroso-di-n-propylamine	1.80	U	1	1.80	6.30	ug/L	11/25/25 16:15	PB170730
67-72-1	Hexachloroethane	0.81	U	1	0.81	6.30	ug/L	11/25/25 16:15	PB170730
98-95-3	Nitrobenzene	0.95	U	1	0.95	6.30	ug/L	11/25/25 16:15	PB170730
78-59-1	Isophorone	0.94	U	1	0.94	6.30	ug/L	11/25/25 16:15	PB170730
88-75-5	2-Nitrophenol	2.20	U	1	2.20	6.30	ug/L	11/25/25 16:15	PB170730
105-67-9	2,4-Dimethylphenol	2.30	U	1	2.30	6.30	ug/L	11/25/25 16:15	PB170730
111-91-1	bis(2-Chloroethoxy)methane	0.85	U	1	0.85	6.30	ug/L	11/25/25 16:15	PB170730
120-83-2	2,4-Dichlorophenol	0.65	U	1	0.65	6.30	ug/L	11/25/25 16:15	PB170730
120-82-1	1,2,4-Trichlorobenzene	0.68	U	1	0.68	6.30	ug/L	11/25/25 16:15	PB170730
91-20-3	Naphthalene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730
87-68-3	Hexachlorobutadiene	0.68	U	1	0.68	6.30	ug/L	11/25/25 16:15	PB170730
59-50-7	4-Chloro-3-methylphenol	0.74	U	1	0.74	6.30	ug/L	11/25/25 16:15	PB170730
77-47-4	Hexachlorocyclopentadiene	4.50	U	1	4.50	12.5	ug/L	11/25/25 16:15	PB170730
88-06-2	2,4,6-Trichlorophenol	0.64	U	1	0.64	6.30	ug/L	11/25/25 16:15	PB170730
91-58-7	2-Chloronaphthalene	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
131-11-3	Dimethylphthalate	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
208-96-8	Acenaphthylene	0.94	U	1	0.94	6.30	ug/L	11/25/25 16:15	PB170730
606-20-2	2,6-Dinitrotoluene	1.20	U	1	1.20	6.30	ug/L	11/25/25 16:15	PB170730
83-32-9	Acenaphthene	0.69	U	1	0.69	6.30	ug/L	11/25/25 16:15	PB170730
51-28-5	2,4-Dinitrophenol	7.50	U	1	7.50	12.5	ug/L	11/25/25 16:15	PB170730
100-02-7	4-Nitrophenol	3.00	U	1	3.00	12.5	ug/L	11/25/25 16:15	PB170730
121-14-2	2,4-Dinitrotoluene	1.50	U	1	1.50	6.30	ug/L	11/25/25 16:15	PB170730
84-66-2	Diethylphthalate	0.86	U	1	0.86	6.30	ug/L	11/25/25 16:15	PB170730
7005-72-3	4-Chlorophenyl-phenylether	0.85	U	1	0.85	6.30	ug/L	11/25/25 16:15	PB170730
86-73-7	Fluorene	0.79	U	1	0.79	6.30	ug/L	11/25/25 16:15	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	3.60	U	1	3.60	12.5	ug/L	11/25/25 16:15	PB170730
86-30-6	n-Nitrosodiphenylamine	0.73	U	1	0.73	6.30	ug/L	11/25/25 16:15	PB170730
103-33-3	Azobenzene	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
101-55-3	4-Bromophenyl-phenylether	0.50	U	1	0.50	6.30	ug/L	11/25/25 16:15	PB170730
118-74-1	Hexachlorobenzene	0.65	U	1	0.65	6.30	ug/L	11/25/25 16:15	PB170730
87-86-5	Pentachlorophenol	2.00	U	1	2.00	12.5	ug/L	11/25/25 16:15	PB170730
85-01-8	Phenanthrene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730
120-12-7	Anthracene	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
84-74-2	Di-n-butylphthalate	1.50	U	1	1.50	6.30	ug/L	11/25/25 16:15	PB170730
206-44-0	Fluoranthene	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
92-87-5	Benzidine	5.40	UQ	1	5.40	12.5	ug/L	11/25/25 16:15	PB170730
129-00-0	Pyrene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	11/20/25
Project:	PVSC Monthly 2025		Date Received:	11/20/25
Client Sample ID:	EFF-WW		SDG No.:	Q3700
Lab Sample ID:	Q3700-04		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	800 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	2.40	U	1	2.40	6.30	ug/L	11/25/25 16:15	PB170730
91-94-1	3,3-Dichlorobenzidine	1.20	U	1	1.20	12.5	ug/L	11/25/25 16:15	PB170730
56-55-3	Benzo(a)anthracene	0.56	U	1	0.56	6.30	ug/L	11/25/25 16:15	PB170730
218-01-9	Chrysene	0.55	U	1	0.55	6.30	ug/L	11/25/25 16:15	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	1	2.00	6.30	ug/L	11/25/25 16:15	PB170730
117-84-0	Di-n-octyl phthalate	2.90	U	1	2.90	12.5	ug/L	11/25/25 16:15	PB170730
205-99-2	Benzo(b)fluoranthene	0.61	U	1	0.61	6.30	ug/L	11/25/25 16:15	PB170730
207-08-9	Benzo(k)fluoranthene	0.60	U	1	0.60	6.30	ug/L	11/25/25 16:15	PB170730
50-32-8	Benzo(a)pyrene	0.69	U	1	0.69	6.30	ug/L	11/25/25 16:15	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	0.74	U	1	0.74	6.30	ug/L	11/25/25 16:15	PB170730
53-70-3	Dibenzo(a,h)anthracene	0.84	U	1	0.84	6.30	ug/L	11/25/25 16:15	PB170730
191-24-2	Benzo(g,h,i)perylene	0.86	U	1	0.86	6.30	ug/L	11/25/25 16:15	PB170730

SURROGATES

367-12-4	2-Fluorophenol	52.0	*		60 - 140	52%	SPK: 100
13127-88-3	Phenol-d6	35.9	*		60 - 140	36%	SPK: 100
4165-60-0	Nitrobenzene-d5	106			60 - 140	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1			60 - 140	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	73.8			60 - 140	74%	SPK: 100
1718-51-0	Terphenyl-d14	65.5			60 - 140	65%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	52700
1146-65-2	Naphthalene-d8	151000
15067-26-2	Acenaphthene-d10	98700
1517-22-2	Phenanthrene-d10	159000
1719-03-5	Chrysene-d12	147000
1520-96-3	Perylene-d12	179000

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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:	Q3700	OrderDate:	11/20/2025 4:11:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	E11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3700-04	EFF-WW	Water	SVOCMS Group1	625.1	11/20/25	11/25/25	11/25/25	11/20/25



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3700
Client: Ardmore Chemical

Order ID: Q3700
Project ID: PVSC Monthly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q3700-04	EFF-WW EFF-WW	Water	Zinc	206		2.00	20.0	ug/L



SAMPLE DATA

A

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	11/20/25
Project:	PVSC Monthly 2025	Date Received:	11/20/25
Client Sample ID:	EFF-WW	SDG No.:	Q3700
Lab Sample ID:	Q3700-04	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	1.21	U	1	1.21	6.00	ug/L	11/21/25 11:40	11/21/25 19:06	EPA 200.7	M200.7
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	11/21/25 08:00	11/21/25 12:59	E245.1	M245.1
7440-66-6	Zinc	206		1	2.00	20.0	ug/L	11/21/25 11:40	11/21/25 19:06	EPA 200.7	M200.7

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LOQ = Limit of Quantitation

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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:	Q3700	OrderDate:	11/20/2025 4:11:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	E11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3700-04	EFF-WW	Water			11/20/25			11/20/25
			Mercury	245.1		11/21/25	11/21/25	
			Metals Group3	200.7		11/21/25	11/21/25	



SAMPLE DATA

A

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C

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	11/20/25 13:00
Project:	PVSC Monthly 2025	Date Received:	11/20/25
Client Sample ID:	EFF-WW	SDG No.:	Q3700
Lab Sample ID:	Q3700-01	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	11/24/25 10:15	11/24/25 13:03	SM 4500-CN C-21 plus E-21

Comments: _____

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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
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OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	11/20/25 13:00
Project:	PVSC Monthly 2025	Date Received:	11/20/25
Client Sample ID:	EFF-WW	SDG No.:	Q3700
Lab Sample ID:	Q3700-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	432		1	0.20	2.00	mg/L		11/21/25 15:20	SM 5210 B-16
TSS	79.1		1	1.00	4.00	mg/L		11/21/25 15:30	SM 2540 D-20

Comments: _____

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 B = Analyte Found in Associated Method Blank
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 N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3700	OrderDate:	11/20/2025 4:11:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	E11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3700-01	EFF-WW	WATER			11/20/25 13:00	11/24/25	11/24/25 13:03	11/20/25
			Cyanide	SM4500-CN C,E				
Q3700-04	EFF-WW	WATER			11/20/25 13:00		11/21/25 15:20	11/20/25
			BOD5	SM5210 B				
			TSS	SM2540 D			11/21/25 15:30	