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A
B
C
D

Hit Summary Sheet SW-846

SDG No.: Q1833
Client: Ardmore Chemical

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	EFF-WASTE-WATER							
Q1833-02	EFF-WASTE-WATER	WATER	Diethylphthalate	2.100	J	0.7	5.1	ug/L
Q1833-02	EFF-WASTE-WATER	WATER	Benzidine	640.000	E	4.3	10.1	ug/L
Q1833-02	EFF-WASTE-WATER	WATER	Bis(2-ethylhexyl)phthalate	6.600		1.6	5.1	ug/L
			Total Svoc :			648.70		
			Total Concentration:			648.70		
Client ID :	EFF-WASTE-WATER	DL						
Q1833-02DL	EFF-WASTE-WATER	DL WATER	Benzidine	580.000	D	43.2	100	ug/L
			Total Svoc :			580.00		
			Total Concentration:			580.00		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	04/17/25	
Project:	PVSC Monthly 2025		Date Received:	04/17/25	
Client Sample ID:	EFF-WASTE-WATER		SDG No.:	Q1833	
Lab Sample ID:	Q1833-02		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	990	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
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.87	U	0.87	10.1	ug/L
108-95-2	Phenol	0.92	U	0.92	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
95-57-8	2-Chlorophenol	0.59	U	0.59	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.10	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.53	U	0.53	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	UQ	3.70	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.1	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	2.10	J	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATER	SDG No.:	Q1833
Lab Sample ID:	Q1833-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
Prep Method :	3510C	GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
103-33-3	Azobenzene	0.82	U	0.82	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.1	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
92-87-5	Benzidine	640	E	4.30	10.1	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	U	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	6.60		1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	61.9		60 - 140	62%	SPK: 100
13127-88-3	Phenol-d6	44.2	*	60 - 140	44%	SPK: 100
4165-60-0	Nitrobenzene-d5	106		60 - 140	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		60 - 140	98%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	04/17/25
Project:	PVSC Monthly 2025	Date Received:	04/17/25
Client Sample ID:	EFF-WASTE-WATER	SDG No.:	Q1833
Lab Sample ID:	Q1833-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	3510C	Level :	LOW
		Test:	SVOCMS Group1
		Final Vol:	1000
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142214.D	1	04/21/25 08:55	04/22/25 16:21	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105		60 - 140	105%	SPK: 100
1718-51-0	Terphenyl-d14	74.6		60 - 140	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	345000	6.863
1146-65-2	Naphthalene-d8	1080000	8.145
15067-26-2	Acenaphthene-d10	603000	9.904
1517-22-2	Phenanthrene-d10	1060000	11.404
1719-03-5	Chrysene-d12	1130000	14.033
1520-96-3	Perylene-d12	824000	15.504

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:	Ardmore Chemical		Date Collected:	04/17/25	
Project:	PVSC Monthly 2025		Date Received:	04/17/25	
Client Sample ID:	EFF-WASTE-WATERDL		SDG No.:	Q1833	
Lab Sample ID:	Q1833-02DL		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	990	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
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	8.70	UD	8.70	100	ug/L
108-95-2	Phenol	9.20	UD	9.20	50.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.20	UD	8.20	50.5	ug/L
95-57-8	2-Chlorophenol	5.90	UD	5.90	50.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12.9	UD	12.9	50.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.2	UD	14.2	50.5	ug/L
67-72-1	Hexachloroethane	6.60	UD	6.60	50.5	ug/L
98-95-3	Nitrobenzene	7.70	UD	7.70	50.5	ug/L
78-59-1	Isophorone	7.60	UD	7.60	50.5	ug/L
88-75-5	2-Nitrophenol	17.8	UD	17.8	50.5	ug/L
105-67-9	2,4-Dimethylphenol	18.7	UD	18.7	50.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.90	UD	6.90	50.5	ug/L
120-83-2	2,4-Dichlorophenol	5.30	UD	5.30	50.5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.50	UD	5.50	50.5	ug/L
91-20-3	Naphthalene	5.10	UD	5.10	50.5	ug/L
87-68-3	Hexachlorobutadiene	5.50	UD	5.50	50.5	ug/L
59-50-7	4-Chloro-3-methylphenol	6.00	UD	6.00	50.5	ug/L
77-47-4	Hexachlorocyclopentadiene	36.7	UDQ	36.7	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.20	UD	5.20	50.5	ug/L
91-58-7	2-Chloronaphthalene	6.20	UD	6.20	50.5	ug/L
131-11-3	Dimethylphthalate	6.20	UD	6.20	50.5	ug/L
208-96-8	Acenaphthylene	7.60	UD	7.60	50.5	ug/L
606-20-2	2,6-Dinitrotoluene	9.30	UD	9.30	50.5	ug/L
83-32-9	Acenaphthene	5.60	UD	5.60	50.5	ug/L
51-28-5	2,4-Dinitrophenol	60.3	UD	60.3	100	ug/L
100-02-7	4-Nitrophenol	24.0	UD	24.0	100	ug/L
121-14-2	2,4-Dinitrotoluene	12.3	UD	12.3	50.5	ug/L
84-66-2	Diethylphthalate	7.00	UD	7.00	50.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.90	UD	6.90	50.5	ug/L

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	04/17/25	
Project:	PVSC Monthly 2025		Date Received:	04/17/25	
Client Sample ID:	EFF-WASTE-WATERDL		SDG No.:	Q1833	
Lab Sample ID:	Q1833-02DL		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	990	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
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	6.40	UD	6.40	50.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29.1	UD	29.1	100	ug/L
86-30-6	n-Nitrosodiphenylamine	5.90	UD	5.90	50.5	ug/L
103-33-3	Azobenzene	8.20	UD	8.20	50.5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	UD	4.00	50.5	ug/L
118-74-1	Hexachlorobenzene	5.30	UD	5.30	50.5	ug/L
87-86-5	Pentachlorophenol	16.0	UD	16.0	100	ug/L
85-01-8	Phenanthrene	5.10	UD	5.10	50.5	ug/L
120-12-7	Anthracene	6.20	UD	6.20	50.5	ug/L
84-74-2	Di-n-butylphthalate	12.3	UD	12.3	50.5	ug/L
206-44-0	Fluoranthene	8.30	UD	8.30	50.5	ug/L
92-87-5	Benzidine	580	D	43.2	100	ug/L
129-00-0	Pyrene	5.10	UD	5.10	50.5	ug/L
85-68-7	Butylbenzylphthalate	19.5	UD	19.5	50.5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.40	UD	9.40	100	ug/L
56-55-3	Benzo(a)anthracene	4.50	UD	4.50	50.5	ug/L
218-01-9	Chrysene	4.40	UD	4.40	50.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	16.2	UD	16.2	50.5	ug/L
117-84-0	Di-n-octyl phthalate	23.6	UD	23.6	100	ug/L
205-99-2	Benzo(b)fluoranthene	4.90	UD	4.90	50.5	ug/L
207-08-9	Benzo(k)fluoranthene	4.80	UD	4.80	50.5	ug/L
50-32-8	Benzo(a)pyrene	5.60	UD	5.60	50.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.00	UD	6.00	50.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.80	UD	6.80	50.5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.00	UD	7.00	50.5	ug/L

SURROGATES

367-12-4	2-Fluorophenol	71.2		60 - 140	71%	SPK: 100
13127-88-3	Phenol-d6	54.6	*	60 - 140	55%	SPK: 100
4165-60-0	Nitrobenzene-d5	115		60 - 140	115%	SPK: 100
321-60-8	2-Fluorobiphenyl	142	*	60 - 140	142%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	04/17/25	
Project:	PVSC Monthly 2025		Date Received:	04/17/25	
Client Sample ID:	EFF-WASTE-WATERDL		SDG No.:	Q1833	
Lab Sample ID:	Q1833-02DL		Matrix:	Water	
Analytical Method:	625.1		% Solid:	0	
Sample Wt/Vol:	990	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
BF142215.D	10	04/21/25 08:55	04/22/25 16:50	PB167672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.6		60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	88.9		60 - 140	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	332000	6.863
1146-65-2	Naphthalene-d8	1200000	8.145
15067-26-2	Acenaphthene-d10	549000	9.898
1517-22-2	Phenanthrene-d10	774000	11.386
1719-03-5	Chrysene-d12	952000	14.027
1520-96-3	Perylene-d12	1070000	15.498

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:	Q1833	OrderDate:	4/17/2025 2:07:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1833-02	EFF-WASTE-WATER	Water	SVOCMS Group1	625.1	04/17/25	04/21/25	04/22/25	04/17/25
Q1833-02DL	EFF-WASTE-WATERDL	Water	SVOCMS Group1	625.1	04/17/25	04/21/25	04/22/25	04/17/25