



12-Aug-2016

Stephanie Madden
RAPCA / Combined Health District
117 S. Main Street
Dayton, OH 45422

Tel: 937-225-5947
Fax: 937-225-3486

Re: South Fenceline

Work Order: **1608150**

Dear Stephanie,

ALS Environmental received 1 sample on 03-Aug-2016 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 13.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Shawn Smythe

Electronically approved by: Shawn Smythe

Shawn Smythe
Project Manager

ADDRESS 4388 Glendale Milford Rd Cincinnati, Ohio 45242- | PHONE (513) 733-5336 | FAX (513) 733-5347

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Client: RAPCA / Combined Health District
Project: South Fenceline
Work Order: 1608150

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1608150-01	SH3 South Fenceline	Air		8/3/2016 10:15	8/3/2016	<input type="checkbox"/>

Client: RAPCA / Combined Health District
Project: South Fenceline
Work Order: 1608150

Case Narrative

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

Results for 1,4-Dioxane, 2-Hexanone, 4-Methyl-2-Pentanone and Heptane if detected in the samples should be considered low biased. The continuing calibration standard had results for these compounds below the QC limit. The LCS sample had acceptable recovery.

ALS Environmental

Date: 12-Aug-16

Client: RAPCA / Combined Health District

Project: South Fenceline

Work Order: 1608150

Sample ID: SH3 South Fenceline

Lab ID: 1608150-01

Collection Date: 8/3/2016 10:15 AM

Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TO-15 BY GC/MS			ETO-15			Analyst: MRJ
1,1,1-Trichloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,1,2,2-Tetrachloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,1,2-Trichloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,1-Dichloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,1-Dichloroethene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2,4-Trichlorobenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2,4-Trimethylbenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2-Dibromoethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2-Dichlorobenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2-Dichloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,2-Dichloropropane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,3,5-Trimethylbenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,3-Butadiene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,3-Dichlorobenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,4-Dichlorobenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
1,4-Dioxane	ND		1.0	ppbv	1	8/4/2016 09:41 PM
2-Butanone	2.6		0.50	ppbv	1	8/4/2016 09:41 PM
2-Hexanone	ND		0.50	ppbv	1	8/4/2016 09:41 PM
2-Propanol	2.4		1.0	ppbv	1	8/4/2016 09:41 PM
4-Ethyltoluene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
4-Methyl-2-pentanone	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Acetone	9.4		1.0	ppbv	1	8/4/2016 09:41 PM
Benzene	2.7		0.50	ppbv	1	8/4/2016 09:41 PM
Benzyl chloride	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Bromodichloromethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Bromoform	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Bromomethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Carbon disulfide	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Carbon tetrachloride	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Chlorobenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Chloroethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Chloroform	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Chloromethane	0.56		0.50	ppbv	1	8/4/2016 09:41 PM
cis-1,2-Dichloroethene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
cis-1,3-Dichloropropene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Cumene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Cyclohexane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Dibromochloromethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Dichlorodifluoromethane	0.53		0.50	ppbv	1	8/4/2016 09:41 PM

Note:

ALS Environmental

Date: 12-Aug-16

Client: RAPCA / Combined Health District

Project: South Fenceline

Work Order: 1608150

Sample ID: SH3 South Fenceline

Lab ID: 1608150-01

Collection Date: 8/3/2016 10:15 AM

Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Ethyl acetate	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Ethylbenzene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Freon 113	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Freon 114	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Heptane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Hexachlorobutadiene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Hexane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
m,p-Xylene	0.74		0.50	ppbv	1	8/4/2016 09:41 PM
Methylene chloride	ND		0.50	ppbv	1	8/4/2016 09:41 PM
MTBE	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Naphthalene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
o-Xylene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Propene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Styrene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Tetrachloroethene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Tetrahydrofuran	0.63		0.50	ppbv	1	8/4/2016 09:41 PM
Toluene	1.3		0.50	ppbv	1	8/4/2016 09:41 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
trans-1,3-Dichloropropene	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Trichloroethene	ND		0.20	ppbv	1	8/4/2016 09:41 PM
Trichlorofluoromethane	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Vinyl acetate	ND		0.50	ppbv	1	8/4/2016 09:41 PM
Vinyl chloride	ND		0.50	ppbv	1	8/4/2016 09:41 PM
<i>Surr: Bromofluorobenzene</i>	95.2		60-140	%REC	1	8/4/2016 09:41 PM

TO-15 BY GC/MS

ETO-15

Analyst: **MRJ**

1,1,1-Trichloroethane	ND		2.73	µg/m3	1	8/4/2016 09:41 PM
1,1,2,2-Tetrachloroethane	ND		3.43	µg/m3	1	8/4/2016 09:41 PM
1,1,2-Trichloroethane	ND		2.73	µg/m3	1	8/4/2016 09:41 PM
1,1-Dichloroethane	ND		2.02	µg/m3	1	8/4/2016 09:41 PM
1,1-Dichloroethene	ND		1.98	µg/m3	1	8/4/2016 09:41 PM
1,2,4-Trichlorobenzene	ND		3.71	µg/m3	1	8/4/2016 09:41 PM
1,2,4-Trimethylbenzene	ND		2.46	µg/m3	1	8/4/2016 09:41 PM
1,2-Dibromoethane	ND		3.84	µg/m3	1	8/4/2016 09:41 PM
1,2-Dichlorobenzene	ND		3.01	µg/m3	1	8/4/2016 09:41 PM
1,2-Dichloroethane	ND		2.02	µg/m3	1	8/4/2016 09:41 PM
1,2-Dichloropropane	ND		2.31	µg/m3	1	8/4/2016 09:41 PM
1,3,5-Trimethylbenzene	ND		2.46	µg/m3	1	8/4/2016 09:41 PM
1,3-Butadiene	ND		1.11	µg/m3	1	8/4/2016 09:41 PM
1,3-Dichlorobenzene	ND		3.01	µg/m3	1	8/4/2016 09:41 PM
1,4-Dichlorobenzene	ND		3.01	µg/m3	1	8/4/2016 09:41 PM

Note:

ALS Environmental

Date: 12-Aug-16

Client: RAPCA / Combined Health District

Project: South Fenceline

Work Order: 1608150

Sample ID: SH3 South Fenceline

Lab ID: 1608150-01

Collection Date: 8/3/2016 10:15 AM

Matrix: AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,4-Dioxane	ND		3.60	µg/m3	1	8/4/2016 09:41 PM
2-Butanone	7.79		1.47	µg/m3	1	8/4/2016 09:41 PM
2-Hexanone	ND		2.05	µg/m3	1	8/4/2016 09:41 PM
2-Propanol	5.80		2.46	µg/m3	1	8/4/2016 09:41 PM
4-Ethyltoluene	ND		2.46	µg/m3	1	8/4/2016 09:41 PM
4-Methyl-2-pentanone	ND		2.05	µg/m3	1	8/4/2016 09:41 PM
Acetone	22.4		2.38	µg/m3	1	8/4/2016 09:41 PM
Benzene	8.66		1.60	µg/m3	1	8/4/2016 09:41 PM
Benzyl chloride	ND		2.59	µg/m3	1	8/4/2016 09:41 PM
Bromodichloromethane	ND		3.35	µg/m3	1	8/4/2016 09:41 PM
Bromoform	ND		5.17	µg/m3	1	8/4/2016 09:41 PM
Bromomethane	ND		1.94	µg/m3	1	8/4/2016 09:41 PM
Carbon disulfide	ND		1.56	µg/m3	1	8/4/2016 09:41 PM
Carbon tetrachloride	ND		3.15	µg/m3	1	8/4/2016 09:41 PM
Chlorobenzene	ND		2.30	µg/m3	1	8/4/2016 09:41 PM
Chloroethane	ND		1.32	µg/m3	1	8/4/2016 09:41 PM
Chloroform	ND		2.44	µg/m3	1	8/4/2016 09:41 PM
Chloromethane	1.16		1.03	µg/m3	1	8/4/2016 09:41 PM
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	8/4/2016 09:41 PM
cis-1,3-Dichloropropene	ND		2.27	µg/m3	1	8/4/2016 09:41 PM
Cumene	ND		2.46	µg/m3	1	8/4/2016 09:41 PM
Cyclohexane	ND		1.72	µg/m3	1	8/4/2016 09:41 PM
Dibromochloromethane	ND		4.26	µg/m3	1	8/4/2016 09:41 PM
Dichlorodifluoromethane	2.62		2.47	µg/m3	1	8/4/2016 09:41 PM
Ethyl acetate	ND		1.80	µg/m3	1	8/4/2016 09:41 PM
Ethylbenzene	ND		2.17	µg/m3	1	8/4/2016 09:41 PM
Freon 113	ND		3.83	µg/m3	1	8/4/2016 09:41 PM
Freon 114	ND		3.50	µg/m3	1	8/4/2016 09:41 PM
Heptane	ND		2.05	µg/m3	1	8/4/2016 09:41 PM
Hexachlorobutadiene	ND		5.33	µg/m3	1	8/4/2016 09:41 PM
Hexane	ND		1.76	µg/m3	1	8/4/2016 09:41 PM
m,p-Xylene	3.21		2.17	µg/m3	1	8/4/2016 09:41 PM
Methylene chloride	ND		1.74	µg/m3	1	8/4/2016 09:41 PM
MTBE	ND		1.80	µg/m3	1	8/4/2016 09:41 PM
Naphthalene	ND		2.62	µg/m3	1	8/4/2016 09:41 PM
o-Xylene	ND		2.17	µg/m3	1	8/4/2016 09:41 PM
Propene	ND		0.861	µg/m3	1	8/4/2016 09:41 PM
Styrene	ND		2.13	µg/m3	1	8/4/2016 09:41 PM
Tetrachloroethene	ND		3.39	µg/m3	1	8/4/2016 09:41 PM
Tetrahydrofuran	1.86		1.47	µg/m3	1	8/4/2016 09:41 PM

Note:

ALS Environmental

Date: 12-Aug-16

Client: RAPCA / Combined Health District**Project:** South Fenceline**Work Order:** 1608150**Sample ID:** SH3 South Fenceline**Lab ID:** 1608150-01**Collection Date:** 8/3/2016 10:15 AM**Matrix:** AIR

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	4.94		1.88	µg/m3	1	8/4/2016 09:41 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	8/4/2016 09:41 PM
trans-1,3-Dichloropropene	ND		2.27	µg/m3	1	8/4/2016 09:41 PM
Trichloroethene	ND		1.07	µg/m3	1	8/4/2016 09:41 PM
Trichlorofluoromethane	ND		2.81	µg/m3	1	8/4/2016 09:41 PM
Vinyl acetate	ND		1.76	µg/m3	1	8/4/2016 09:41 PM
Vinyl chloride	ND		1.28	µg/m3	1	8/4/2016 09:41 PM
Surr: Bromofluorobenzene	95.2		60-140	%REC	1	8/4/2016 09:41 PM

Note:

ALS Environmental

Date: 12-Aug-16

Client: RAPCA / Combined Health District
Work Order: 1608150
Project: South Fenceline

QC BATCH REPORT

Batch ID: **R131706** Instrument ID: **VMS4** Method: **ETO-15**

MBLK		Sample ID: blank-R131706			Units: ppbv		Analysis Date: 8/4/2016 12:23 PM			
Client ID:		Run ID: VMS4_160804A			SeqNo: 1332489		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.50								
1,1,2,2-Tetrachloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.50								
1,1-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,2,4-Trimethylbenzene	ND	0.50								
1,2-Dibromoethane	ND	0.50								
1,2-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	0.84	0.50								
1,2-Dichloropropane	ND	0.50								
1,3,5-Trimethylbenzene	ND	0.50								
1,3-Butadiene	ND	0.50								
1,3-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.50								
1,4-Dioxane	ND	1.0								
2-Butanone	ND	0.50								
2-Hexanone	ND	0.50								
2-Propanol	ND	1.0								
4-Ethyltoluene	ND	0.50								
4-Methyl-2-pentanone	ND	0.50								
Acetone	ND	1.0								
Benzene	ND	0.50								
Benzyl chloride	ND	0.50								
Bromodichloromethane	ND	0.50								
Bromoform	ND	0.50								
Bromomethane	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
Chloroethane	ND	0.50								
Chloroform	ND	0.50								
Chloromethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
cis-1,3-Dichloropropene	ND	0.50								
Cumene	ND	0.50								
Cyclohexane	ND	0.50								
Dibromochloromethane	ND	0.50								
Dichlorodifluoromethane	ND	0.50								
Ethyl acetate	ND	0.50								
Ethylbenzene	ND	0.50								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: RAPCA / Combined Health District

Work Order: 1608150

Project: South Fenceline

QC BATCH REPORT

Batch ID: R131706	Instrument ID: VMS4	Method: ETO-15							
Freon 113	ND	0.50							
Freon 114	ND	0.50							
Heptane	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Hexane	ND	0.50							
m,p-Xylene	ND	0.50							
Methylene chloride	ND	0.50							
MTBE	ND	0.50							
Naphthalene	ND	0.50							
o-Xylene	ND	0.50							
Propene	ND	0.50							
Styrene	ND	0.50							
Tetrachloroethene	ND	0.50							
Tetrahydrofuran	ND	0.50							
Toluene	ND	0.50							
trans-1,2-Dichloroethene	ND	0.50							
trans-1,3-Dichloropropene	ND	0.50							
Trichloroethene	ND	0.20							
Trichlorofluoromethane	ND	0.50							
Vinyl acetate	ND	0.50							
Vinyl chloride	ND	0.50							
<i>Surr: Bromofluorobenzene</i>	9.17	0	10	0	91.7	60-140	0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: RAPCA / Combined Health District
 Work Order: 1608150
 Project: South Fenceline

QC BATCH REPORT

Batch ID: R131706 Instrument ID: VMS4 Method: ETO-15

LCS		Sample ID: Ics-R131706			Units: ppbv		Analysis Date: 8/4/2016 10:43 AM			
Client ID:		Run ID: VMS4_160804A			SeqNo: 1332488		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	10.34	0.50	10	0	103	58.8-163	0			
1,1,2,2-Tetrachloroethane	9.32	0.50	10	0	93.2	60-140	0			
1,1,2-Trichloroethane	9.88	0.50	10	0	98.8	60-140	0			
1,1-Dichloroethane	10.31	0.50	10	0	103	60-140	0			
1,1-Dichloroethene	10.27	0.50	10	0	103	60-140	0			
1,2,4-Trichlorobenzene	10.88	0.50	10	0	109	49.3-150	0			
1,2,4-Trimethylbenzene	9.73	0.50	10	0	97.3	50.1-162	0			
1,2-Dibromoethane	10.2	0.50	10	0	102	60-140	0			
1,2-Dichlorobenzene	9.4	0.50	10	0	94	41.9-141	0			
1,2-Dichloroethane	10.45	0.50	10	0	104	60-140	0			
1,2-Dichloropropane	10.01	0.50	10	0	100	60-140	0			
1,3,5-Trimethylbenzene	9.6	0.50	10	0	96	60-140	0			
1,3-Butadiene	9.81	0.50	10	0	98.1	50.6-140	0			
1,3-Dichlorobenzene	9.46	0.50	10	0	94.6	60-140	0			
1,4-Dichlorobenzene	9.44	0.50	10	0	94.4	55.1-145	0			
1,4-Dioxane	9.73	1.0	10	0	97.3	60-140	0			
2-Butanone	10.9	0.50	10	0	109	60-140	0			
2-Hexanone	10.87	0.50	10	0	109	56.2-162	0			
2-Propanol	10.21	1.0	10	0	102	60-140	0			
4-Ethyltoluene	9.55	0.50	10	0	95.5	60-140	0			
4-Methyl-2-pentanone	10.87	0.50	10	0	109	60-140	0			
Acetone	8.93	1.0	10	0	89.3	60-140	0			
Benzene	10.21	0.50	10	0	102	60-140	0			
Benzyl chloride	11.02	0.50	10	0	110	31.9-174	0			
Bromodichloromethane	10.25	0.50	10	0	102	60-140	0			
Bromoform	10.03	0.50	10	0	100	60-140	0			
Bromomethane	9.47	0.50	10	0	94.7	60-140	0			
Carbon disulfide	10.29	0.50	10	0	103	60-140	0			
Carbon tetrachloride	10.9	0.50	10	0	109	60-140	0			
Chlorobenzene	9.09	0.50	10	0	90.9	60-140	0			
Chloroethane	10.21	0.50	10	0	102	60-140	0			
Chloroform	10.26	0.50	10	0	103	60-140	0			
Chloromethane	9.95	0.50	10	0	99.5	60-140	0			
cis-1,2-Dichloroethene	10.68	0.50	10	0	107	60-140	0			
cis-1,3-Dichloropropene	10.43	0.50	10	0	104	60-140	0			
Cumene	8.64	0.50	10	0	86.4	60-140	0			
Cyclohexane	10.33	0.50	10	0	103	60-140	0			
Dibromochloromethane	10.72	0.50	10	0	107	60-140	0			
Dichlorodifluoromethane	10.44	0.50	10	0	104	60-140	0			
Ethyl acetate	10.68	0.50	10	0	107	60-140	0			
Ethylbenzene	9.12	0.50	10	0	91.2	60-140	0			
Freon 113	10.41	0.50	10	0	104	60-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: RAPCA / Combined Health District

Work Order: 1608150

Project: South Fenceline

QC BATCH REPORT

Batch ID: R131706	Instrument ID: VMS4	Method: ETO-15					
Freon 114	10.43	0.50	10	0	104	60-140	0
Heptane	11.3	0.50	10	0	113	60-140	0
Hexachlorobutadiene	9.66	0.50	10	0	96.6	60-140	0
Hexane	10.33	0.50	10	0	103	60-140	0
m,p-Xylene	18.5	0.50	20	0	92.5	60-140	0
Methylene chloride	9.53	0.50	10	0	95.3	60-140	0
MTBE	11.29	0.50	10	0	113	60.8-151	0
o-Xylene	9.19	0.50	10	0	91.9	60-140	0
Propene	10.14	0.50	10	0	101	34.4-139	0
Styrene	9.47	0.50	10	0	94.7	60-140	0
Tetrachloroethene	10.02	0.50	10	0	100	60-140	0
Tetrahydrofuran	9.56	0.50	10	0	95.6	60-140	0
Toluene	9.94	0.50	10	0	99.4	60-140	0
trans-1,2-Dichloroethene	10.36	0.50	10	0	104	60-140	0
trans-1,3-Dichloropropene	10.43	0.50	10	0	104	60-140	0
Trichloroethene	9.92	0.20	10	0	99.2	60-140	0
Trichlorofluoromethane	10.39	0.50	10	0	104	60-140	0
Vinyl acetate	11.54	0.50	10	0	115	48.4-145	0
Vinyl chloride	11.43	0.50	10	0	114	60-140	0
Surr: Bromofluorobenzene	9.19	0	10	0	91.9	60-140	0

The following samples were analyzed in this batch:

1608150-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: RAPCA / Combined Health District
Project: South Fenceline
WorkOrder: 1608150

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SDL	Sample Detection Limit
SW	SW-846 Method

<u>Units Reported</u>	<u>Description</u>
µg/m ³	
ppbv	

Sample Receipt Checklist

Client Name: **RAPCA-DAYTON**

Date/Time Received: **03-Aug-16 00:00**

Work Order: **1608150**

Received by: **CEG**

Checklist completed by: Chris Gibson 03-Aug-16
eSignature Date

Reviewed by: Shawn Smythe 04-Aug-16
eSignature Date

Matrices:

Carrier name: Courier

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Container/Temp Blank temperature in compliance? Yes No

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Water - VOA vials have zero headspace? Yes No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No N/A

pH adjusted? Yes No N/A

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: