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www.alsglobal.com

LABORATORY REPORT

June 30, 2017

Stephanie Madden
RAPCA
117 S Main Street
Dayton, OH 45422

RE: Community Air Toxics Monitoring 2017 / 2017-1

Dear Stephanie:

Enclosed are the results of the samples submitted to our laboratory on June 28, 2017. For your reference, these analyses have been assigned our service request number P1703108.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

By Kate Kaneko at 12:46 pm, 06/30/17

Kate Kaneko
Project Manager



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Client: RAPCA
Project: Community Air Toxics Monitoring 2017 / 2017-1

Service Request No: P1703108

CASE NARRATIVE

The samples were received intact under chain of custody on June 28, 2017 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Sulfur Analysis

The samples were analyzed for twenty sulfur compounds per ASTM D 5504-12 using a gas chromatograph equipped with a sulfur chemiluminescence detector (SCD). All compounds with the exception of hydrogen sulfide and carbonyl sulfide are quantitated against the initial calibration curve for methyl mercaptan. This method is included on the laboratory's NELAP scope of accreditation, however it is not part of the DoD-ELAP accreditation.

Volatile Organic Compound Analysis

The samples were also analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.



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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

| Agency | Web Site | Number |
|------------------------|---|----------------------------|
| Arizona DHS | http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home | AZ0694 |
| Florida DOH (NELAP) | http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm | E871020 |
| Louisiana DEQ (NELAP) | http://www.deq.louisiana.gov/portal/DIVISIONS/PublicParticipationandPermitSupport/LouisianaLaboratoryAccreditationProgram.aspx | 05071 |
| Maine DHHS | http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm | 2016036 |
| Minnesota DOH (NELAP) | http://www.health.state.mn.us/accreditation | 1177034 |
| New Jersey DEP (NELAP) | http://www.nj.gov/dep/oqa/ | CA009 |
| New York DOH (NELAP) | http://www.wadsworth.org/labcert/elap/elap.html | 11221 |
| Oregon PHD (NELAP) | http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx | 4068-004 |
| Pennsylvania DEP | http://www.depweb.state.pa.us/labs | 68-03307 (Registration) |
| PJLA (DoD ELAP) | http://www.pjlabs.com/search-accredited-labs | 65818 (Testing) |
| Texas CEQ (NELAP) | http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html | T104704413-16-7 |
| Utah DOH (NELAP) | http://health.utah.gov/lab/environmental-lab-certification/ | CA01627201 6-6 |
| Washington DOE | http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html | C946 |

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: RAPCA
 Project ID: Community Air Toxics Monitoring 2017 / 2017-1

Service Request: P1703108

Date Received: 6/28/2017
 Time Received: 09:30

| |
|-----------------------------|
| ASTM D 5504-12 - Sulfur Can |
| TO-15 - VOC Cans |

| Client Sample ID | Lab Code | Matrix | Date Collected | Time Collected | Container ID | Pi1 (psig) | Pf1 (psig) | ASTM D 5504-12 - Sulfur Can | TO-15 - VOC Cans |
|------------------|--------------|--------|----------------|----------------|--------------|------------|------------|-----------------------------|------------------|
| Can A - 062417 | P1703108-001 | Air | 6/25/2017 | 08:05 | AS00892 | -5.63 | 3.17 | X | X |
| Can B - 062417 | P1703108-002 | Air | 6/25/2017 | 07:45 | AS00225 | -4.68 | 3.37 | X | X |



Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

| | |
|--|---|
| Requested Turnaround Time in Business Days (Surcharges) please circle 3 Day (50%) | ALS Project No. P1703108 |
|--|---|

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|--|-----------------------------|-------------------|-------------|---|---|------------------------------------|---------------------------------------|----------------------|--|------------------|--|------------------------------------|--|---------------------------------------|--|----------------------|------------------------|
| Company Name & Address (Reporting Information) Regional Air Pollution Control (RAPCA) 117 S. Main St. Dayton, OH 45422 | | | | Project Name Community Air Toxics Monitoring 2017 | | | | | ALS Contact: K. Kaneko | | Comments e.g. Actual Preservative or specific instructions | | | | | | |
| | | | | | | | | | Project Manager Stephanie Madden Phone: 937-225-5922 Fax: 937-225-3486 | | | Project Number 2017-1 | | | | | Analysis Method |
| Project Manager Stephanie Madden | | | | P.O. # / Billing Information: PO# 702021 Public Health Dayton Montgomery County (PHDMC) Attn: Accounting 117 S. Main St. Dayton, OH 45422 | | | | | TO-15 | ASTM 5504 | | | | | | | |
| Phone 937-225-5922 | | | | Sampler (Print & Sign) <i>Tony Beadess</i> | | | | | | | | | | | | | |
| Email Address for Result Reporting smadden@rapca.org and aroth@rapca.org | | | | Canister ID (Bar code # - AC, SC, etc.) | | | | | Flow Controller ID (Bar code # - FC #) | | | Canister Start Pressure "Hg | | Canister End Pressure "Hg/psig | | Sample Volume | |
| Client Sample ID | Laboratory ID Number | Date | Time | Canister ID (Bar code # - AC, SC, etc.) | Flow Controller ID (Bar code # - FC #) | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | Sample Volume | TO-15 | ASTM 5504 | | | | | | | |
| Can A - 062417 | RAP025 | 6/24/17 - 6/25/17 | 0646 - 0805 | AS00892 | SFC00206 | -29 | -11 | 6L | X | X | | | | | | | |
| Can B - 062417 | RAP026 | 6/24/17 - 6/25/17 | 0606 - 0745 | AS00225 | SFC00054 | -28 | -10 | 6L | X | X | | | | | | | |
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|--|------------------|---------------|--|------------------|---------------|--|--|--|--|---|--|--|--|
| Report Tier Levels - please select Tier I - Results (Default if not specified) <input type="checkbox"/> Tier III (Results + QC & Calibration Summaries) <input type="checkbox"/> Tier II (Results + QC Summaries) <input checked="" type="checkbox"/> Tier IV (Data Validation Package) 10% Surcharge <input type="checkbox"/> EDD required Yes / No _____ Type: _____ Units: _____ | | | | | | | | | | Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT | | Project Requirements (MRLs, QAPP) | |
| Relinquished by: (Signature) <i>Tony Beadess</i> | Date: 6/26/17 | Time: 0900 | Received by: (Signature) <i>[Signature]</i> | Date: 6/28/17 | Time: 0930 | Cooler / Blank Temperature _____ °C | | | | | | | |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) 6 of 24 | Date: | Time: | | | | | | | | |

**ALS Environmental
Sample Acceptance Check Form**

Client: RAPCA Work order: P1703108
 Project: Community Air Toxics Monitoring 2017 / 2017-1
 Sample(s) received on: 6/28/17 Date opened: 6/28/17 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1 Were sample containers properly marked with client sample ID? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Did sample containers arrive in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Were chain-of-custody papers used and filled out? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Did sample container labels and/or tags agree with custody papers? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Was sample volume received adequate for analysis? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Are samples within specified holding times? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Was proper temperature (thermal preservation) of cooler at receipt adhered to? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Were custody seals on outside of cooler/Box/Container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Location of seal(s)? _____ Sealing Lid? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were signature and date included? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were seals intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 Do containers have appropriate preservation , according to method/SOP or Client specified information? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is there a client indication that the submitted samples are pH preserved? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were VOA vials checked for presence/absence of air bubbles? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 Tubes: Are the tubes capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 Badges: Are the badges properly capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Are dual bed badges separated and individually capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Lab Sample ID | Container Description | Required pH * | Received pH | Adjusted pH | VOA Headspace (Presence/Absence) | Receipt / Preservation Comments |
|-----------------|-----------------------|---------------|-------------|-------------|----------------------------------|---------------------------------|
| P1703108-001.01 | 6.0 L Silonite Can | | | | | |
| P1703108-002.01 | 6.0 L Silonite Can | | | | | |
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Explain any discrepancies: (include lab sample ID numbers): _____

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: RAPCA
Client Sample ID: Can A - 062417
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P1703108-001

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 6890A/GC13/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00892

Date Collected: 6/25/17
 Time Collected: 08:05
 Date Received: 6/28/17
 Date Analyzed: 6/29/17
 Time Analyzed: 10:58
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -5.63 Final Pressure (psig): 3.17

Canister Dilution Factor: 1.97

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|-----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 14 | ND | 9.9 | |
| 463-58-1 | Carbonyl Sulfide | ND | 24 | ND | 9.9 | |
| 74-93-1 | Methyl Mercaptan | ND | 19 | ND | 9.9 | |
| 75-08-1 | Ethyl Mercaptan | ND | 25 | ND | 9.9 | |
| 75-18-3 | Dimethyl Sulfide | ND | 25 | ND | 9.9 | |
| 75-15-0 | Carbon Disulfide | ND | 15 | ND | 4.9 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 31 | ND | 9.9 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 36 | ND | 9.9 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 31 | ND | 9.9 | |
| 624-89-5 | Ethyl Methyl Sulfide | ND | 31 | ND | 9.9 | |
| 110-02-1 | Thiophene | ND | 34 | ND | 9.9 | |
| 513-44-0 | Isobutyl Mercaptan | ND | 36 | ND | 9.9 | |
| 352-93-2 | Diethyl Sulfide | ND | 36 | ND | 9.9 | |
| 109-79-5 | n-Butyl Mercaptan | ND | 36 | ND | 9.9 | |
| 624-92-0 | Dimethyl Disulfide | ND | 19 | ND | 4.9 | |
| 616-44-4 | 3-Methylthiophene | ND | 40 | ND | 9.9 | |
| 110-01-0 | Tetrahydrothiophene | ND | 36 | ND | 9.9 | |
| 638-02-8 | 2,5-Dimethylthiophene | ND | 45 | ND | 9.9 | |
| 872-55-9 | 2-Ethylthiophene | ND | 45 | ND | 9.9 | |
| 110-81-6 | Diethyl Disulfide | ND | 25 | ND | 4.9 | |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: RAPCA
Client Sample ID: Can B - 062417
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P1703108-002

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 6890A/GC13/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00225

Date Collected: 6/25/17
 Time Collected: 07:45
 Date Received: 6/28/17
 Date Analyzed: 6/29/17
 Time Analyzed: 11:18
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -4.68 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.80

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|-----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 13 | ND | 9.0 | |
| 463-58-1 | Carbonyl Sulfide | ND | 22 | ND | 9.0 | |
| 74-93-1 | Methyl Mercaptan | ND | 18 | ND | 9.0 | |
| 75-08-1 | Ethyl Mercaptan | ND | 23 | ND | 9.0 | |
| 75-18-3 | Dimethyl Sulfide | ND | 23 | ND | 9.0 | |
| 75-15-0 | Carbon Disulfide | ND | 14 | ND | 4.5 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 28 | ND | 9.0 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 33 | ND | 9.0 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 28 | ND | 9.0 | |
| 624-89-5 | Ethyl Methyl Sulfide | ND | 28 | ND | 9.0 | |
| 110-02-1 | Thiophene | ND | 31 | ND | 9.0 | |
| 513-44-0 | Isobutyl Mercaptan | ND | 33 | ND | 9.0 | |
| 352-93-2 | Diethyl Sulfide | ND | 33 | ND | 9.0 | |
| 109-79-5 | n-Butyl Mercaptan | ND | 33 | ND | 9.0 | |
| 624-92-0 | Dimethyl Disulfide | ND | 17 | ND | 4.5 | |
| 616-44-4 | 3-Methylthiophene | ND | 36 | ND | 9.0 | |
| 110-01-0 | Tetrahydrothiophene | ND | 32 | ND | 9.0 | |
| 638-02-8 | 2,5-Dimethylthiophene | ND | 41 | ND | 9.0 | |
| 872-55-9 | 2-Ethylthiophene | ND | 41 | ND | 9.0 | |
| 110-81-6 | Diethyl Disulfide | ND | 22 | ND | 4.5 | |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: RAPCA
Client Sample ID: Method Blank
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-MB

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 6890A/GC13/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Time Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Time Analyzed: 08:23
 Volume(s) Analyzed: 1.0 ml(s)

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|-----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 7.0 | ND | 5.0 | |
| 463-58-1 | Carbonyl Sulfide | ND | 12 | ND | 5.0 | |
| 74-93-1 | Methyl Mercaptan | ND | 9.8 | ND | 5.0 | |
| 75-08-1 | Ethyl Mercaptan | ND | 13 | ND | 5.0 | |
| 75-18-3 | Dimethyl Sulfide | ND | 13 | ND | 5.0 | |
| 75-15-0 | Carbon Disulfide | ND | 7.8 | ND | 2.5 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 16 | ND | 5.0 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 18 | ND | 5.0 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 16 | ND | 5.0 | |
| 624-89-5 | Ethyl Methyl Sulfide | ND | 16 | ND | 5.0 | |
| 110-02-1 | Thiophene | ND | 17 | ND | 5.0 | |
| 513-44-0 | Isobutyl Mercaptan | ND | 18 | ND | 5.0 | |
| 352-93-2 | Diethyl Sulfide | ND | 18 | ND | 5.0 | |
| 109-79-5 | n-Butyl Mercaptan | ND | 18 | ND | 5.0 | |
| 624-92-0 | Dimethyl Disulfide | ND | 9.6 | ND | 2.5 | |
| 616-44-4 | 3-Methylthiophene | ND | 20 | ND | 5.0 | |
| 110-01-0 | Tetrahydrothiophene | ND | 18 | ND | 5.0 | |
| 638-02-8 | 2,5-Dimethylthiophene | ND | 23 | ND | 5.0 | |
| 872-55-9 | 2-Ethylthiophene | ND | 23 | ND | 5.0 | |
| 110-81-6 | Diethyl Disulfide | ND | 12 | ND | 2.5 | |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: RAPCA
Client Sample ID: Lab Control Sample
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
ALS Sample ID: P170629-LCS

Test Code: ASTM D 5504-12
Instrument ID: Agilent 6890A/GC13/SCD
Analyst: Mike Conejo
Sample Type: 6.0 L Silonite Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/29/17
Volume(s) Analyzed: NA ml(s)

| CAS # | Compound | Spike Amount ppbV | Result ppbV | % Recovery | ALS | Data Qualifier |
|-----------|------------------|----------------------|----------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 7783-06-4 | Hydrogen Sulfide | 1,000 | 1,150 | 115 | 81-141 | |
| 463-58-1 | Carbonyl Sulfide | 1,000 | 1,150 | 115 | 81-147 | |
| 74-93-1 | Methyl Mercaptan | 1,000 | 1,120 | 112 | 80-144 | |

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: RAPCA

Client Sample ID: Can A - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00892

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -5.63 Final Pressure (psig): 3.17

Canister Dilution Factor: 1.97

| CAS # | Compound | Result | MRL | MDL | Result | MRL | MDL | Data |
|-----------|--|-------------------|-------------------|-------------------|--------------|------|-------|-----------|
| | | µg/m ³ | µg/m ³ | µg/m ³ | ppbV | ppbV | ppbV | Qualifier |
| 115-07-1 | Propene | 0.41 | 0.99 | 0.28 | 0.24 | 0.57 | 0.16 | J |
| 75-71-8 | Dichlorodifluoromethane (CFC 12) | 1.9 | 0.99 | 0.33 | 0.39 | 0.20 | 0.068 | |
| 74-87-3 | Chloromethane | ND | 0.99 | 0.30 | ND | 0.48 | 0.14 | |
| 76-14-2 | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND | 0.99 | 0.37 | ND | 0.14 | 0.054 | |
| 75-01-4 | Vinyl Chloride | ND | 0.99 | 0.33 | ND | 0.39 | 0.13 | |
| 106-99-0 | 1,3-Butadiene | ND | 0.99 | 0.43 | ND | 0.45 | 0.20 | |
| 74-83-9 | Bromomethane | ND | 0.99 | 0.37 | ND | 0.25 | 0.096 | |
| 75-00-3 | Chloroethane | ND | 0.99 | 0.33 | ND | 0.37 | 0.13 | |
| 67-64-1 | Acetone | 4.5 | 9.9 | 1.5 | 1.9 | 4.1 | 0.64 | J |
| 75-69-4 | Trichlorofluoromethane (CFC 11) | 1.0 | 0.99 | 0.33 | 0.18 | 0.18 | 0.060 | |
| 67-63-0 | 2-Propanol (Isopropyl Alcohol) | ND | 9.9 | 0.83 | ND | 4.0 | 0.34 | |
| 75-35-4 | 1,1-Dichloroethene | ND | 0.99 | 0.33 | ND | 0.25 | 0.085 | |
| 75-09-2 | Methylene Chloride | 0.34 | 0.99 | 0.33 | 0.099 | 0.28 | 0.096 | J |
| 76-13-1 | Trichlorotrifluoroethane (CFC 113) | 0.42 | 0.99 | 0.33 | 0.054 | 0.13 | 0.044 | J |
| 75-15-0 | Carbon Disulfide | ND | 9.9 | 0.30 | ND | 3.2 | 0.095 | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 0.99 | 0.37 | ND | 0.25 | 0.094 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.99 | 0.32 | ND | 0.24 | 0.078 | |
| 1634-04-4 | Methyl tert-Butyl Ether | ND | 0.99 | 0.33 | ND | 0.27 | 0.093 | |
| 108-05-4 | Vinyl Acetate | ND | 9.9 | 1.3 | ND | 2.8 | 0.36 | |
| 78-93-3 | 2-Butanone (MEK) | 0.41 | 9.9 | 0.41 | 0.14 | 3.3 | 0.14 | J |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 0.99 | 0.32 | ND | 0.25 | 0.080 | |
| 141-78-6 | Ethyl Acetate | 4.2 | 2.0 | 0.69 | 1.2 | 0.55 | 0.19 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: RAPCA

Client Sample ID: Can A - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00892

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -5.63 Final Pressure (psig): 3.17

Canister Dilution Factor: 1.97

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 110-54-3 | n-Hexane | ND | 0.99 | 0.30 | ND | 0.28 | 0.084 | |
| 67-66-3 | Chloroform | ND | 0.99 | 0.33 | ND | 0.20 | 0.069 | |
| 109-99-9 | Tetrahydrofuran (THF) | ND | 0.99 | 0.39 | ND | 0.33 | 0.13 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.99 | 0.32 | ND | 0.24 | 0.078 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.99 | 0.33 | ND | 0.18 | 0.061 | |
| 71-43-2 | Benzene | ND | 0.99 | 0.32 | ND | 0.31 | 0.099 | |
| 56-23-5 | Carbon Tetrachloride | 0.33 | 0.99 | 0.30 | 0.052 | 0.16 | 0.047 | J |
| 110-82-7 | Cyclohexane | ND | 2.0 | 0.57 | ND | 0.57 | 0.17 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.99 | 0.32 | ND | 0.21 | 0.068 | |
| 75-27-4 | Bromodichloromethane | ND | 0.99 | 0.30 | ND | 0.15 | 0.044 | |
| 79-01-6 | Trichloroethene | ND | 0.99 | 0.28 | ND | 0.18 | 0.051 | |
| 123-91-1 | 1,4-Dioxane | ND | 0.99 | 0.32 | ND | 0.27 | 0.088 | |
| 142-82-5 | n-Heptane | ND | 0.99 | 0.33 | ND | 0.24 | 0.082 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.99 | 0.28 | ND | 0.22 | 0.061 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 0.99 | 0.32 | ND | 0.24 | 0.077 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.99 | 0.32 | ND | 0.22 | 0.069 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.99 | 0.32 | ND | 0.18 | 0.058 | |
| 108-88-3 | Toluene | 0.47 | 0.99 | 0.33 | 0.12 | 0.26 | 0.089 | J |
| 591-78-6 | 2-Hexanone | ND | 0.99 | 0.32 | ND | 0.24 | 0.077 | |
| 124-48-1 | Dibromochloromethane | ND | 0.99 | 0.32 | ND | 0.12 | 0.037 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: RAPCA

Client Sample ID: Can A - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-001

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00892

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -5.63 Final Pressure (psig): 3.17

Canister Dilution Factor: 1.97

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|-------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 106-93-4 | 1,2-Dibromoethane | ND | 0.99 | 0.32 | ND | 0.13 | 0.041 | |
| 127-18-4 | Tetrachloroethene | ND | 0.99 | 0.28 | ND | 0.15 | 0.041 | |
| 108-90-7 | Chlorobenzene | ND | 0.99 | 0.32 | ND | 0.21 | 0.068 | |
| 100-41-4 | Ethylbenzene | ND | 0.99 | 0.32 | ND | 0.23 | 0.073 | |
| 179601-23-1 | m,p-Xylenes | ND | 2.0 | 0.59 | ND | 0.45 | 0.14 | |
| 75-25-2 | Bromoform | ND | 0.99 | 0.30 | ND | 0.095 | 0.029 | |
| 100-42-5 | Styrene | ND | 0.99 | 0.30 | ND | 0.23 | 0.069 | |
| 95-47-6 | o-Xylene | ND | 0.99 | 0.30 | ND | 0.23 | 0.068 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.99 | 0.30 | ND | 0.14 | 0.043 | |
| 98-82-8 | Cumene | ND | 0.99 | 0.30 | ND | 0.20 | 0.060 | |
| 622-96-8 | 4-Ethyltoluene | ND | 0.99 | 0.32 | ND | 0.20 | 0.064 | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.99 | 0.32 | ND | 0.20 | 0.064 | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.99 | 0.30 | ND | 0.20 | 0.060 | |
| 100-44-7 | Benzyl Chloride | ND | 0.99 | 0.22 | ND | 0.19 | 0.042 | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 0.99 | 0.30 | ND | 0.16 | 0.049 | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 0.99 | 0.28 | ND | 0.16 | 0.046 | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 0.99 | 0.30 | ND | 0.16 | 0.049 | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.99 | 0.32 | ND | 0.13 | 0.042 | |
| 91-20-3 | Naphthalene | ND | 0.99 | 0.35 | ND | 0.19 | 0.068 | |
| 87-68-3 | Hexachlorobutadiene | ND | 0.99 | 0.28 | ND | 0.092 | 0.026 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: RAPCA

Client Sample ID: Can B - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-002

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00225

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -4.68 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.80

| CAS # | Compound | Result | MRL | MDL | Result | MRL | MDL | Data |
|-----------|--|-------------------|-------------------|-------------------|--------------|------|-------|-----------|
| | | µg/m ³ | µg/m ³ | µg/m ³ | ppbV | ppbV | ppbV | Qualifier |
| 115-07-1 | Propene | 0.32 | 0.90 | 0.25 | 0.18 | 0.52 | 0.15 | J |
| 75-71-8 | Dichlorodifluoromethane (CFC 12) | 1.9 | 0.90 | 0.31 | 0.39 | 0.18 | 0.062 | |
| 74-87-3 | Chloromethane | ND | 0.90 | 0.27 | ND | 0.44 | 0.13 | |
| 76-14-2 | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND | 0.90 | 0.34 | ND | 0.13 | 0.049 | |
| 75-01-4 | Vinyl Chloride | ND | 0.90 | 0.31 | ND | 0.35 | 0.12 | |
| 106-99-0 | 1,3-Butadiene | ND | 0.90 | 0.40 | ND | 0.41 | 0.18 | |
| 74-83-9 | Bromomethane | ND | 0.90 | 0.34 | ND | 0.23 | 0.088 | |
| 75-00-3 | Chloroethane | ND | 0.90 | 0.31 | ND | 0.34 | 0.12 | |
| 67-64-1 | Acetone | 5.4 | 9.0 | 1.4 | 2.3 | 3.8 | 0.58 | J |
| 75-69-4 | Trichlorofluoromethane (CFC 11) | 1.0 | 0.90 | 0.31 | 0.18 | 0.16 | 0.054 | |
| 67-63-0 | 2-Propanol (Isopropyl Alcohol) | ND | 9.0 | 0.76 | ND | 3.7 | 0.31 | |
| 75-35-4 | 1,1-Dichloroethene | ND | 0.90 | 0.31 | ND | 0.23 | 0.077 | |
| 75-09-2 | Methylene Chloride | 1.7 | 0.90 | 0.31 | 0.50 | 0.26 | 0.088 | |
| 76-13-1 | Trichlorotrifluoroethane (CFC 113) | 0.40 | 0.90 | 0.31 | 0.052 | 0.12 | 0.040 | J |
| 75-15-0 | Carbon Disulfide | ND | 9.0 | 0.27 | ND | 2.9 | 0.087 | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 0.90 | 0.34 | ND | 0.23 | 0.086 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.90 | 0.29 | ND | 0.22 | 0.071 | |
| 1634-04-4 | Methyl tert-Butyl Ether | ND | 0.90 | 0.31 | ND | 0.25 | 0.085 | |
| 108-05-4 | Vinyl Acetate | ND | 9.0 | 1.2 | ND | 2.6 | 0.33 | |
| 78-93-3 | 2-Butanone (MEK) | 0.43 | 9.0 | 0.38 | 0.15 | 3.1 | 0.13 | J |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 0.90 | 0.29 | ND | 0.23 | 0.073 | |
| 141-78-6 | Ethyl Acetate | ND | 1.8 | 0.63 | ND | 0.50 | 0.17 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: RAPCA

Client Sample ID: Can B - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-002

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00225

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -4.68 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.80

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 110-54-3 | n-Hexane | ND | 0.90 | 0.27 | ND | 0.26 | 0.077 | |
| 67-66-3 | Chloroform | ND | 0.90 | 0.31 | ND | 0.18 | 0.063 | |
| 109-99-9 | Tetrahydrofuran (THF) | ND | 0.90 | 0.36 | ND | 0.31 | 0.12 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.90 | 0.29 | ND | 0.22 | 0.071 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.90 | 0.31 | ND | 0.17 | 0.056 | |
| 71-43-2 | Benzene | ND | 0.90 | 0.29 | ND | 0.28 | 0.090 | |
| 56-23-5 | Carbon Tetrachloride | 0.33 | 0.90 | 0.27 | 0.053 | 0.14 | 0.043 | J |
| 110-82-7 | Cyclohexane | ND | 1.8 | 0.52 | ND | 0.52 | 0.15 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.90 | 0.29 | ND | 0.19 | 0.062 | |
| 75-27-4 | Bromodichloromethane | ND | 0.90 | 0.27 | ND | 0.13 | 0.040 | |
| 79-01-6 | Trichloroethene | ND | 0.90 | 0.25 | ND | 0.17 | 0.047 | |
| 123-91-1 | 1,4-Dioxane | ND | 0.90 | 0.29 | ND | 0.25 | 0.080 | |
| 142-82-5 | n-Heptane | ND | 0.90 | 0.31 | ND | 0.22 | 0.075 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.90 | 0.25 | ND | 0.20 | 0.056 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 0.90 | 0.29 | ND | 0.22 | 0.070 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.90 | 0.29 | ND | 0.20 | 0.063 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.90 | 0.29 | ND | 0.17 | 0.053 | |
| 108-88-3 | Toluene | 0.65 | 0.90 | 0.31 | 0.17 | 0.24 | 0.081 | J |
| 591-78-6 | 2-Hexanone | ND | 0.90 | 0.29 | ND | 0.22 | 0.070 | |
| 124-48-1 | Dibromochloromethane | ND | 0.90 | 0.29 | ND | 0.11 | 0.034 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: RAPCA

Client Sample ID: Can B - 062417

Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

ALS Sample ID: P1703108-002

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00225

Date Collected: 6/25/17

Date Received: 6/28/17

Date Analyzed: 6/29/17

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -4.68 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.80

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|-------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 106-93-4 | 1,2-Dibromoethane | ND | 0.90 | 0.29 | ND | 0.12 | 0.037 | |
| 127-18-4 | Tetrachloroethene | ND | 0.90 | 0.25 | ND | 0.13 | 0.037 | |
| 108-90-7 | Chlorobenzene | ND | 0.90 | 0.29 | ND | 0.20 | 0.063 | |
| 100-41-4 | Ethylbenzene | ND | 0.90 | 0.29 | ND | 0.21 | 0.066 | |
| 179601-23-1 | m,p-Xylenes | ND | 1.8 | 0.54 | ND | 0.41 | 0.12 | |
| 75-25-2 | Bromoform | ND | 0.90 | 0.27 | ND | 0.087 | 0.026 | |
| 100-42-5 | Styrene | ND | 0.90 | 0.27 | ND | 0.21 | 0.063 | |
| 95-47-6 | o-Xylene | ND | 0.90 | 0.27 | ND | 0.21 | 0.062 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.90 | 0.27 | ND | 0.13 | 0.039 | |
| 98-82-8 | Cumene | ND | 0.90 | 0.27 | ND | 0.18 | 0.055 | |
| 622-96-8 | 4-Ethyltoluene | ND | 0.90 | 0.29 | ND | 0.18 | 0.059 | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.90 | 0.29 | ND | 0.18 | 0.059 | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.90 | 0.27 | ND | 0.18 | 0.055 | |
| 100-44-7 | Benzyl Chloride | ND | 0.90 | 0.20 | ND | 0.17 | 0.038 | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 0.90 | 0.27 | ND | 0.15 | 0.045 | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 0.90 | 0.25 | ND | 0.15 | 0.042 | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 0.90 | 0.27 | ND | 0.15 | 0.045 | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.90 | 0.29 | ND | 0.12 | 0.039 | |
| 91-20-3 | Naphthalene | ND | 0.90 | 0.32 | ND | 0.17 | 0.062 | |
| 87-68-3 | Hexachlorobutadiene | ND | 0.90 | 0.25 | ND | 0.084 | 0.024 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: RAPCA
Client Sample ID: Method Blank
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
Analyst: Lusine Hakobyan
Sample Type: 6.0 L Silonite Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/29/17
Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS # | Compound | Result | MRL | MDL | Result | MRL | MDL | Data |
|-----------|--|-------------------|-------------------|-------------------|--------|-------|-------|-----------|
| | | µg/m ³ | µg/m ³ | µg/m ³ | ppbV | ppbV | ppbV | Qualifier |
| 115-07-1 | Propene | ND | 0.50 | 0.14 | ND | 0.29 | 0.081 | |
| 75-71-8 | Dichlorodifluoromethane (CFC 12) | ND | 0.50 | 0.17 | ND | 0.10 | 0.034 | |
| 74-87-3 | Chloromethane | ND | 0.50 | 0.15 | ND | 0.24 | 0.073 | |
| 76-14-2 | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | ND | 0.50 | 0.19 | ND | 0.072 | 0.027 | |
| 75-01-4 | Vinyl Chloride | ND | 0.50 | 0.17 | ND | 0.20 | 0.067 | |
| 106-99-0 | 1,3-Butadiene | ND | 0.50 | 0.22 | ND | 0.23 | 0.099 | |
| 74-83-9 | Bromomethane | ND | 0.50 | 0.19 | ND | 0.13 | 0.049 | |
| 75-00-3 | Chloroethane | ND | 0.50 | 0.17 | ND | 0.19 | 0.064 | |
| 67-64-1 | Acetone | ND | 5.0 | 0.77 | ND | 2.1 | 0.32 | |
| 75-69-4 | Trichlorofluoromethane (CFC 11) | ND | 0.50 | 0.17 | ND | 0.089 | 0.030 | |
| 67-63-0 | 2-Propanol (Isopropyl Alcohol) | ND | 5.0 | 0.42 | ND | 2.0 | 0.17 | |
| 75-35-4 | 1,1-Dichloroethene | ND | 0.50 | 0.17 | ND | 0.13 | 0.043 | |
| 75-09-2 | Methylene Chloride | ND | 0.50 | 0.17 | ND | 0.14 | 0.049 | |
| 76-13-1 | Trichlorotrifluoroethane (CFC 113) | ND | 0.50 | 0.17 | ND | 0.065 | 0.022 | |
| 75-15-0 | Carbon Disulfide | ND | 5.0 | 0.15 | ND | 1.6 | 0.048 | |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 0.50 | 0.19 | ND | 0.13 | 0.048 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 0.50 | 0.16 | ND | 0.12 | 0.040 | |
| 1634-04-4 | Methyl tert-Butyl Ether | ND | 0.50 | 0.17 | ND | 0.14 | 0.047 | |
| 108-05-4 | Vinyl Acetate | ND | 5.0 | 0.65 | ND | 1.4 | 0.18 | |
| 78-93-3 | 2-Butanone (MEK) | ND | 5.0 | 0.21 | ND | 1.7 | 0.071 | |
| 156-59-2 | cis-1,2-Dichloroethene | ND | 0.50 | 0.16 | ND | 0.13 | 0.040 | |
| 141-78-6 | Ethyl Acetate | ND | 1.0 | 0.35 | ND | 0.28 | 0.097 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: RAPCA
Client Sample ID: Method Blank
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 110-54-3 | n-Hexane | ND | 0.50 | 0.15 | ND | 0.14 | 0.043 | |
| 67-66-3 | Chloroform | ND | 0.50 | 0.17 | ND | 0.10 | 0.035 | |
| 109-99-9 | Tetrahydrofuran (THF) | ND | 0.50 | 0.20 | ND | 0.17 | 0.068 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 0.50 | 0.16 | ND | 0.12 | 0.040 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 0.50 | 0.17 | ND | 0.092 | 0.031 | |
| 71-43-2 | Benzene | ND | 0.50 | 0.16 | ND | 0.16 | 0.050 | |
| 56-23-5 | Carbon Tetrachloride | ND | 0.50 | 0.15 | ND | 0.080 | 0.024 | |
| 110-82-7 | Cyclohexane | ND | 1.0 | 0.29 | ND | 0.29 | 0.084 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 0.50 | 0.16 | ND | 0.11 | 0.035 | |
| 75-27-4 | Bromodichloromethane | ND | 0.50 | 0.15 | ND | 0.075 | 0.022 | |
| 79-01-6 | Trichloroethene | ND | 0.50 | 0.14 | ND | 0.093 | 0.026 | |
| 123-91-1 | 1,4-Dioxane | ND | 0.50 | 0.16 | ND | 0.14 | 0.044 | |
| 142-82-5 | n-Heptane | ND | 0.50 | 0.17 | ND | 0.12 | 0.041 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 0.50 | 0.14 | ND | 0.11 | 0.031 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 0.50 | 0.16 | ND | 0.12 | 0.039 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | ND | 0.11 | 0.035 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 0.50 | 0.16 | ND | 0.092 | 0.029 | |
| 108-88-3 | Toluene | ND | 0.50 | 0.17 | ND | 0.13 | 0.045 | |
| 591-78-6 | 2-Hexanone | ND | 0.50 | 0.16 | ND | 0.12 | 0.039 | |
| 124-48-1 | Dibromochloromethane | ND | 0.50 | 0.16 | ND | 0.059 | 0.019 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: RAPCA
Client Sample ID: Method Blank
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-MB

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Volume(s) Analyzed: 1.00 Liter(s)

Canister Dilution Factor: 1.00

| CAS # | Compound | Result µg/m ³ | MRL µg/m ³ | MDL µg/m ³ | Result ppbV | MRL ppbV | MDL ppbV | Data Qualifier |
|-------------|---------------------------|-----------------------------|--------------------------|--------------------------|----------------|-------------|-------------|-------------------|
| 106-93-4 | 1,2-Dibromoethane | ND | 0.50 | 0.16 | ND | 0.065 | 0.021 | |
| 127-18-4 | Tetrachloroethene | ND | 0.50 | 0.14 | ND | 0.074 | 0.021 | |
| 108-90-7 | Chlorobenzene | ND | 0.50 | 0.16 | ND | 0.11 | 0.035 | |
| 100-41-4 | Ethylbenzene | ND | 0.50 | 0.16 | ND | 0.12 | 0.037 | |
| 179601-23-1 | m,p-Xylenes | ND | 1.0 | 0.30 | ND | 0.23 | 0.069 | |
| 75-25-2 | Bromoform | ND | 0.50 | 0.15 | ND | 0.048 | 0.015 | |
| 100-42-5 | Styrene | ND | 0.50 | 0.15 | ND | 0.12 | 0.035 | |
| 95-47-6 | o-Xylene | ND | 0.50 | 0.15 | ND | 0.12 | 0.035 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.15 | ND | 0.073 | 0.022 | |
| 98-82-8 | Cumene | ND | 0.50 | 0.15 | ND | 0.10 | 0.031 | |
| 622-96-8 | 4-Ethyltoluene | ND | 0.50 | 0.16 | ND | 0.10 | 0.033 | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 0.50 | 0.16 | ND | 0.10 | 0.033 | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 0.50 | 0.15 | ND | 0.10 | 0.031 | |
| 100-44-7 | Benzyl Chloride | ND | 0.50 | 0.11 | ND | 0.097 | 0.021 | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 0.50 | 0.15 | ND | 0.083 | 0.025 | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 0.50 | 0.14 | ND | 0.083 | 0.023 | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 0.50 | 0.15 | ND | 0.083 | 0.025 | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 0.50 | 0.16 | ND | 0.067 | 0.022 | |
| 91-20-3 | Naphthalene | ND | 0.50 | 0.18 | ND | 0.095 | 0.034 | |
| 87-68-3 | Hexachlorobutadiene | ND | 0.50 | 0.14 | ND | 0.047 | 0.013 | |

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: RAPCA
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister(s)
 Test Notes:

Date(s) Collected: 6/25/17
 Date(s) Received: 6/28/17
 Date(s) Analyzed: 6/29/17

| Client Sample ID | ALS Sample ID | 1,2-Dichloroethane-d4 | Toluene-d8 | Bromofluorobenzene | Acceptance Limits | Data Qualifier |
|--------------------|---------------|-----------------------|-------------------|--------------------|-------------------|----------------|
| | | Percent Recovered | Percent Recovered | Percent Recovered | | |
| Method Blank | P170629-MB | 89 | 101 | 103 | 70-130 | |
| Lab Control Sample | P170629-LCS | 87 | 99 | 101 | 70-130 | |
| Can A - 062417 | P1703108-001 | 89 | 99 | 102 | 70-130 | |
| Can B - 062417 | P1703108-002 | 90 | 100 | 102 | 70-130 | |

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 3

Client: RAPCA
Client Sample ID: Lab Control Sample
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Volume(s) Analyzed: 0.125 Liter(s)

| CAS # | Compound | Spike Amount µg/m ³ | Result µg/m ³ | % Recovery | ALS | Data Qualifier |
|-----------|--|-----------------------------------|-----------------------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 115-07-1 | Propene | 210 | 184 | 88 | 52-127 | |
| 75-71-8 | Dichlorodifluoromethane (CFC 12) | 210 | 163 | 78 | 68-109 | |
| 74-87-3 | Chloromethane | 210 | 174 | 83 | 51-130 | |
| 76-14-2 | 1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114) | 211 | 161 | 76 | 66-114 | |
| 75-01-4 | Vinyl Chloride | 210 | 180 | 86 | 61-125 | |
| 106-99-0 | 1,3-Butadiene | 210 | 174 | 83 | 62-144 | |
| 74-83-9 | Bromomethane | 210 | 168 | 80 | 73-123 | |
| 75-00-3 | Chloroethane | 210 | 198 | 94 | 69-122 | |
| 67-64-1 | Acetone | 1,060 | 926 | 87 | 57-117 | |
| 75-69-4 | Trichlorofluoromethane (CFC 11) | 210 | 164 | 78 | 63-98 | |
| 67-63-0 | 2-Propanol (Isopropyl Alcohol) | 424 | 351 | 83 | 66-121 | |
| 75-35-4 | 1,1-Dichloroethene | 213 | 186 | 87 | 76-118 | |
| 75-09-2 | Methylene Chloride | 212 | 188 | 89 | 60-118 | |
| 76-13-1 | Trichlorotrifluoroethane (CFC 113) | 212 | 174 | 82 | 73-114 | |
| 75-15-0 | Carbon Disulfide | 213 | 195 | 92 | 57-102 | |
| 156-60-5 | trans-1,2-Dichloroethene | 213 | 189 | 89 | 74-123 | |
| 75-34-3 | 1,1-Dichloroethane | 212 | 187 | 88 | 69-111 | |
| 1634-04-4 | Methyl tert-Butyl Ether | 213 | 177 | 83 | 69-113 | |
| 108-05-4 | Vinyl Acetate | 1,060 | 1040 | 98 | 76-128 | |
| 78-93-3 | 2-Butanone (MEK) | 212 | 190 | 90 | 63-127 | |
| 156-59-2 | cis-1,2-Dichloroethene | 212 | 184 | 87 | 72-117 | |
| 141-78-6 | Ethyl Acetate | 426 | 401 | 94 | 68-127 | |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 3

Client: RAPCA
Client Sample ID: Lab Control Sample
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Volume(s) Analyzed: 0.125 Liter(s)

| CAS # | Compound | Spike Amount µg/m ³ | Result µg/m ³ | % Recovery | ALS | Data Qualifier |
|------------|---------------------------|-----------------------------------|-----------------------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 110-54-3 | n-Hexane | 213 | 191 | 90 | 55-116 | |
| 67-66-3 | Chloroform | 212 | 172 | 81 | 70-109 | |
| 109-99-9 | Tetrahydrofuran (THF) | 213 | 181 | 85 | 72-113 | |
| 107-06-2 | 1,2-Dichloroethane | 212 | 157 | 74 | 69-113 | |
| 71-55-6 | 1,1,1-Trichloroethane | 212 | 162 | 76 | 72-115 | |
| 71-43-2 | Benzene | 212 | 179 | 84 | 65-107 | |
| 56-23-5 | Carbon Tetrachloride | 213 | 162 | 76 | 71-113 | |
| 110-82-7 | Cyclohexane | 425 | 376 | 88 | 71-115 | |
| 78-87-5 | 1,2-Dichloropropane | 212 | 196 | 92 | 71-115 | |
| 75-27-4 | Bromodichloromethane | 214 | 173 | 81 | 75-118 | |
| 79-01-6 | Trichloroethene | 212 | 177 | 83 | 68-114 | |
| 123-91-1 | 1,4-Dioxane | 213 | 189 | 89 | 81-131 | |
| 142-82-5 | n-Heptane | 213 | 192 | 90 | 68-116 | |
| 10061-01-5 | cis-1,3-Dichloropropene | 210 | 189 | 90 | 77-126 | |
| 108-10-1 | 4-Methyl-2-pentanone | 213 | 194 | 91 | 69-126 | |
| 10061-02-6 | trans-1,3-Dichloropropene | 213 | 188 | 88 | 79-125 | |
| 79-00-5 | 1,1,2-Trichloroethane | 212 | 184 | 87 | 75-119 | |
| 108-88-3 | Toluene | 212 | 178 | 84 | 59-118 | |
| 591-78-6 | 2-Hexanone | 213 | 164 | 77 | 69-129 | |
| 124-48-1 | Dibromochloromethane | 213 | 167 | 78 | 74-136 | |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 3 of 3

Client: RAPCA
Client Sample ID: Lab Control Sample
Client Project ID: Community Air Toxics Monitoring 2017 / 2017-1

ALS Project ID: P1703108
 ALS Sample ID: P170629-LCS

Test Code: EPA TO-15
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Lusine Hakobyan
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 6/29/17
 Volume(s) Analyzed: 0.125 Liter(s)

| CAS # | Compound | Spike Amount µg/m ³ | Result µg/m ³ | % Recovery | ALS | Data Qualifier |
|-------------|---------------------------|-----------------------------------|-----------------------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 106-93-4 | 1,2-Dibromoethane | 212 | 175 | 83 | 73-131 | |
| 127-18-4 | Tetrachloroethene | 213 | 168 | 79 | 65-130 | |
| 108-90-7 | Chlorobenzene | 212 | 174 | 82 | 68-120 | |
| 100-41-4 | Ethylbenzene | 212 | 170 | 80 | 68-122 | |
| 179601-23-1 | m,p-Xylenes | 424 | 332 | 78 | 68-123 | |
| 75-25-2 | Bromoform | 212 | 164 | 77 | 69-130 | |
| 100-42-5 | Styrene | 212 | 179 | 84 | 71-133 | |
| 95-47-6 | o-Xylene | 212 | 166 | 78 | 68-122 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 212 | 181 | 85 | 69-130 | |
| 98-82-8 | Cumene | 212 | 169 | 80 | 70-123 | |
| 622-96-8 | 4-Ethyltoluene | 212 | 172 | 81 | 67-130 | |
| 108-67-8 | 1,3,5-Trimethylbenzene | 212 | 165 | 78 | 67-124 | |
| 95-63-6 | 1,2,4-Trimethylbenzene | 212 | 164 | 77 | 67-129 | |
| 100-44-7 | Benzyl Chloride | 212 | 181 | 85 | 79-138 | |
| 541-73-1 | 1,3-Dichlorobenzene | 212 | 171 | 81 | 65-136 | |
| 106-46-7 | 1,4-Dichlorobenzene | 213 | 172 | 81 | 66-141 | |
| 95-50-1 | 1,2-Dichlorobenzene | 212 | 172 | 81 | 67-136 | |
| 120-82-1 | 1,2,4-Trichlorobenzene | 212 | 186 | 88 | 64-134 | |
| 91-20-3 | Naphthalene | 214 | 201 | 94 | 62-136 | |
| 87-68-3 | Hexachlorobutadiene | 213 | 168 | 79 | 60-133 | |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
 Reported results are shown in concentration units and as a result of the calculation, may vary slightly.