



2655 Park Center Dr., Suite A
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www.alsglobal.com

LABORATORY REPORT

January 20, 2016

Glenn La Fevers
Southern California Gas Company
12801 Tampa Ave
Northridge, CA 91326-1045

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glenn:

Enclosed are the results of the samples submitted to our laboratory on January 19, 2016. For your reference, these analyses have been assigned our service request number P1600243.

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 Sue Anderson at 12:46 pm, Jan 20, 2016

Sue Anderson
Project Manager



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Client: Southern California Gas Company Service Request No: P1600243
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

The samples were received intact under chain of custody on January 19, 2016 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.

Methane Analysis

The samples were analyzed per modified EPA Method TO-3 for methane using a gas chromatograph equipped with a flame ionization detector (FID). This procedure is described in laboratory SOP VOA-TO3C1C6. This method is included on the laboratory's DoD-ELAP scope of accreditation, however it is not part of the NELAP or AIHA-LAP accreditation.

Sulfur Analysis

The samples were also analyzed for ten 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 or AIHA-LAP accreditation.

Volatile Organic Compound Analysis

The samples were also analyzed for selected 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, however it is not part of the AIHA-LAP accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The canisters 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 |
|------------------------|---|----------------------------|
| AIHA | http://www.aihaaccreditedlabs.org | 101661 |
| Arizona DHS | http://www.azdhs.gov/lab/license/env.htm | AZ0694 |
| DoD ELAP | http://www.pjlabs.com/search-accredited-labs | L15-398 |
| Florida DOH (NELAP) | http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm | E871020 |
| Maine DHHS | http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm | 2014025 |
| Minnesota DOH (NELAP) | http://www.health.state.mn.us/accreditation | 977273 |
| 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 | 4068-001 |
| Pennsylvania DEP | http://www.depweb.state.pa.us/labs | 68-03307 (Registration) |
| Texas CEQ (NELAP) | http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html | T104704413-15-6 |
| Utah DOH (NELAP) | http://www.health.utah.gov/lab/labimp/certification/index.html | CA01627201 5-5 |
| 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: Southern California Gas Company
 Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Service Request: P1600243

Date Received: 1/19/2016
 Time Received: 09:00

| | | |
|---------------------------|-----------------------------|------------------|
| TO-3 Modified - C1C6+ Can | 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) | TO-3 Modified - C1C6+ Can | ASTM D 5504-12 - Sulfur Can | TO-15 - VOC Cans |
|------------------|--------------|--------|----------------|----------------|--------------|------------|------------|---------------------------|-----------------------------|------------------|
| AA-01-A-011916 | P1600243-001 | Air | 1/19/2016 | 06:00 | AS00952 | -2.43 | 1.13 | X | X | X |
| AA-02-A-011916 | P1600243-002 | Air | 1/19/2016 | 06:11 | AS00919 | -3.32 | 1.10 | X | X | X |
| AA-03-A-011916 | P1600243-003 | Air | 1/19/2016 | 06:21 | AS00927 | -3.10 | 1.16 | X | X | X |
| AA-04-A-011916 | P1600243-004 | Air | 1/19/2016 | 06:38 | AS00986 | -2.68 | 1.15 | X | X | X |
| AA-05-A-011916 | P1600243-005 | Air | 1/19/2016 | 06:48 | AS00928 | -2.73 | 1.16 | X | X | X |
| AA-06-A-011916 | P1600243-006 | Air | 1/19/2016 | 06:56 | AS00946 | -2.33 | 1.23 | X | X | X |
| SS-3H-A-011916 | P1600243-007 | Air | 1/19/2016 | 06:00 | AS00998 | -2.82 | 1.13 | X | X | X |
| SF-1-A-011916 | P1600243-008 | Air | 1/19/2016 | 06:17 | AS00967 | -2.31 | 1.09 | X | X | X |
| SF-2/5-A-011916 | P1600243-009 | Air | 1/19/2016 | 06:28 | AS00999 | -2.62 | 1.08 | X | 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
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. **P116001A3**

Company Name & Address (Reporting Information)
 AIRKINETICS, INC.
 1308 S. Allec Street
 Anaheim, CA 92805

Project Manager
 SON BUJ

Phone (714) 254-1945
 Fax (714) 956-2350

Email Address for Result Reporting

Project Name:
 SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION

Project Number
 14424

P.O. # / Billing Information

ALS Contact:
 Sue Anderson

Please see Kelly Horiuchi for distribution list.

| Client Sample ID | Laboratory ID Number | Collection Date | Collection Time | Collection Vessel | Canister ID (Bar code # - AC, SC, etc.) | Flow Controller ID (Bar code # - FC #) | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | Analysis Method | | Comment e.g. Actual Preservative or specific instructions |
|------------------|----------------------|----------------------------------|-----------------|-------------------|---|--|-----------------------------|--------------------------------|---------------------------|---|--|
| | | | | | | | | | TO-3 modified for Methane | ASTM D 5504-12 (Selected sulfur Compounds & TRS as H2S) | |
| AA-01-A-011916 | 1 | Start: 01/18/16 End: 01/19/16 | 1808 | Silonite Canister | AS 00952 | SFC 00118 | 2.8 | | X | TO-15 (BTEX) | |
| AA-02-A-011916 | 2 | Start: 01/18/16 End: 01/19/16 | 1820 | Silonite Canister | AS 00919 | SFC 00088 | 29.75 | | X | | |
| AA-03-A-011916 | 3 | Start: 01/18/16 End: 01/19/16 | 1837 | Silonite Canister | AS 00927 | SFC 00096 | 28.75 | | X | | |
| AA-04-A-011916 | 4 | Start: 01/18/16 End: 01/19/16 | 1852 | Silonite Canister | AS 00906 | SFC 00140 | 2.8 | | X | | |
| AA-05-A-011916 | 5 | Start: 01/18/16 End: 01/19/16 | 1900 | Silonite Canister | AS 00928 | SFC 00093 | 29 | | X | | |
| AA-06-A-011916 | 6 | Start: 01/18/16 End: 01/19/16 | 1909 | Silonite Canister | AS 00946 | SFC 00154 | 29 | | X | | |
| SS-3H-A-011916 | 7 | Start: 01/18/16 End: 01/19/16 | 1808 | Silonite Canister | AS 00998 | SFC 00098 | 27.5 | | X | | |
| SF-1-A-011916 | 8 | Start: 01/18/16 End: 01/19/16 | 1819 | Silonite Canister | AS 00967 | SFC 00113 | 27.1 | | X | | |
| SF-2J5-A-011916 | 9 | Start: 01/18/16 End: 01/19/16 | 1828 | Silonite Canister | AS 00949 | SFC 00086 | 27.5 | | X | | |

Report Tier Levels - please select

Tier I - Results (Default if not specified) _____
 Tier II (Results + QC Summaries) X _____
 Tier III (Results + QC & Calibration Summaries) No _____
 Tier IV (Data, Validation Package) 10% Surcharge Type: _____ Units: _____

Chain of Custody Seal: (Circle)
 INTACT BROKEN ABSENT

Relinquished by: (Signature) _____ Date: 1-19-16 Time: 0900

Received by: (Signature) _____ Date: 1/19/16 Time: 0900



Air - Chain of Custody Record & Analytical Service Request

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Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No.
P1600243

| Company Name & Address (Reporting Information) | | | | Project Name | | ALS Contact: | | | |
|--|----------------------|----------------------------------|-----------------|--|---|--|-----------------------------|---------------------------------|---|
| AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805 | | | | SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION | | Sue Anderson | | | |
| Project Manager SON BUI | | | | Project Number 14424 | | Analysis Method | | | |
| Phone (714) 254-1945 | | | | P.O. # / Billing Information | | ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S) | | | |
| Fax (714) 956-2350 | | | | Sampler (Print & Sign) WILL BEYANTS | | TO3 modified for Methane | | | |
| Email Address for Result Reporting | | | | Flow Controller ID# | | TO3 modified for Methane | | | |
| Please see Kelly Horiuchi for distribution list. | | | | FC # | | Comment e.g. Actual Preservative or specific instructions | | | |
| Client Sample ID | Laboratory ID Number | Collection Date | Collection Time | Collection Vessel | Canister ID (Bar code # - AC, SC, etc.) | Flow Controller ID# (FC #) | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | |
| AA-01-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1808 | Silonite Canister | AS 00992 | SFC 00018 | 28 | 5 | X |
| AA-02-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1820 | Silonite Canister | AS 00919 | SFC 00088 | 29.75 | 8 | X |
| AA-03-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1837 | Silonite Canister | AS 00927 | SFC 00096 | 26.75 | 6.7 | X |
| AA-04-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1852 | Silonite Canister | AS 00986 | SFC 00140 | 28 | 5 | X |
| AA-05-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1900 | Silonite Canister | AS 00928 | SFC 00093 | 29 | 5.7 | X |
| AA-06-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1909 | Silonite Canister | AS 00946 | SFC 00154 | 29 | 5 | X |
| SS-3H-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1808 | Silonite Canister | AS 00998 | SFC 00098 | 27.5 | 5 | X |
| SF-1-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1819 | Silonite Canister | AS 00967 | SFC 00113 | 27.1 | 4 | X |
| SF-25-A-011916 | | Start: 01/18/16 End: 01/19/16 | 1828 | Silonite Canister | AS 00999 | SFC 00086 | 27.5 | 4 | X |
| | | | | | | | | | |
| Report Tier Levels - please select | | | | | | | | Chain of Custody Seal: (Circle) | |
| Tier I - Results (Default if not specified) _____ | | | | | | | | INTACT | |
| Tier II (Results + QC Summaries) <input checked="" type="checkbox"/> _____ | | | | | | | | BROKEN | |
| Tier III (Results + QC & Calibration Summaries) _____ EDD required (Yes) <input type="checkbox"/> No | | | | | | | | ABSENT | |
| Tier IV (Data Validation Package) 10% Surcharge Type: _____ | | | | | | | | Units: _____ | |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date: 1/19/16 | | Time: 0900 | |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date: _____ | | Time: _____ | |

**ALS Environmental
Sample Acceptance Check Form**

Client: Southern California Gas Company Work order: P1600243
 Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
 Sample(s) received on: 1/19/16 Date opened: 1/19/16 by: KKELPE

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.

- | | <u>Yes</u> | <u>No</u> | <u>N/A</u> |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 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 |
|-----------------|-----------------------|---------------|-------------|-------------|----------------------------------|---------------------------------|
| P1600243-001.01 | 6.0 L Silonite Can | | | | | |
| P1600243-002.01 | 6.0 L Silonite Can | | | | | |
| P1600243-003.01 | 6.0 L Silonite Can | | | | | |
| P1600243-004.01 | 6.0 L Silonite Can | | | | | |
| P1600243-005.01 | 6.0 L Silonite Can | | | | | |
| P1600243-006.01 | 6.0 L Silonite Can | | | | | |
| P1600243-007.01 | 6.0 L Silonite Can | | | | | |
| P1600243-008.01 | 6.0 L Silonite Can | | | | | |
| P1600243-009.01 | 6.0 L Silonite Can | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Explain any discrepancies: (include lab sample ID numbers): _____
 The end times were referenced from the canister tags. _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Southern California Gas Company

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Methane

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister(s)
 Test Notes:

Date(s) Collected: 1/19/16
 Date Received: 1/19/16
 Date Analyzed: 1/19/16

| Client Sample ID | ALS Sample ID | Canister Dilution Factor | Injection Volume ml(s) | Result ppmV | MRL ppmV | Data Qualifier |
|------------------|---------------|--------------------------|------------------------|-------------|----------|----------------|
| AA-01-A-011916 | P1600243-001 | 1.29 | 1.0 | 4.5 | 0.65 | |
| AA-02-A-011916 | P1600243-002 | 1.39 | 1.0 | 3.5 | 0.70 | |
| AA-03-A-011916 | P1600243-003 | 1.37 | 1.0 | 3.3 | 0.69 | |
| AA-04-A-011916 | P1600243-004 | 1.32 | 1.0 | 4.4 | 0.66 | |
| AA-05-A-011916 | P1600243-005 | 1.32 | 1.0 | 7.9 | 0.66 | |
| AA-06-A-011916 | P1600243-006 | 1.29 | 1.0 | 3.7 | 0.65 | |
| SS-3H-A-011916 | P1600243-007 | 1.33 | 1.0 | 120 | 0.67 | |
| SF-1-A-011916 | P1600243-008 | 1.27 | 1.0 | 22 | 0.64 | |
| SF-2/5-A-011916 | P1600243-009 | 1.31 | 1.0 | 8.1 | 0.66 | |
| Method Blank | P160119-MB | 1.00 | 1.0 | ND | 0.50 | |

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: Southern California Gas Company

Client Sample ID: Lab Control Sample

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P160119-LCS

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Mike Conejo

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/19/16

Volume(s) Analyzed: NA ml(s)

| Compound | Spike Amount ppmV | Result ppmV | % Recovery | ALS | Data Qualifier |
|----------|----------------------|----------------|------------|----------------------|-------------------|
| | | | | Acceptance Limits | |
| Methane | 1,020 | 1,040 | 102 | 83-107 | |

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: AA-01-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-001

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00952

Date Collected: 1/19/16
 Time Collected: 06:00
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 11:44
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -2.43 Final Pressure (psig): 1.13

Canister Dilution Factor: 1.29

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.5 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.5 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.2 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.2 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.2 | |
| 75-15-0 | Carbon Disulfide | ND | 3.2 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.2 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.2 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.2 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.2 | |

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: Southern California Gas Company

Client Sample ID: AA-02-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-002

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00919

Date Collected: 1/19/16
 Time Collected: 06:11
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 11:55
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -3.32 Final Pressure (psig): 1.10

Canister Dilution Factor: 1.39

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 7.0 | |
| 463-58-1 | Carbonyl Sulfide | ND | 7.0 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.5 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.5 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.5 | |
| 75-15-0 | Carbon Disulfide | ND | 3.5 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.5 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.5 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.5 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.5 | |

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: Southern California Gas Company

Client Sample ID: AA-03-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-003

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00927

Date Collected: 1/19/16
 Time Collected: 06:21
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:07
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -3.10 Final Pressure (psig): 1.16

Canister Dilution Factor: 1.37

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.9 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.9 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.4 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.4 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.4 | |
| 75-15-0 | Carbon Disulfide | ND | 3.4 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.4 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.4 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.4 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.4 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-04-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-004

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00986

Date Collected: 1/19/16
 Time Collected: 06:38
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:18
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -2.68 Final Pressure (psig): 1.15

Canister Dilution Factor: 1.32

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.6 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.6 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.3 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.3 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.3 | |
| 75-15-0 | Carbon Disulfide | ND | 3.3 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.3 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.3 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.3 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.3 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-05-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-005

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00928

Date Collected: 1/19/16
 Time Collected: 06:48
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:29
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -2.73 Final Pressure (psig): 1.16

Canister Dilution Factor: 1.32

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.6 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.6 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.3 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.3 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.3 | |
| 75-15-0 | Carbon Disulfide | ND | 3.3 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.3 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.3 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.3 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.3 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-06-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-006

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00946

Date Collected: 1/19/16
 Time Collected: 06:56
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:45
 Volume(s) Analyzed: 2.0 ml(s)

Initial Pressure (psig): -2.33 Final Pressure (psig): 1.23

Canister Dilution Factor: 1.29

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.5 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.5 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.2 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.2 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.2 | |
| 75-15-0 | Carbon Disulfide | ND | 3.2 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.2 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.2 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.2 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.2 | |

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

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Client: Southern California Gas Company

Client Sample ID: SS-3H-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-007

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: AS00998

Date Collected: 1/19/16
 Time Collected: 06:00
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:25
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.82 Final Pressure (psig): 1.13

Canister Dilution Factor: 1.33

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.7 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.7 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.3 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.3 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.3 | |
| 75-15-0 | Carbon Disulfide | ND | 3.3 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.3 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.3 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.3 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.3 | |

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

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Client: Southern California Gas Company

Client Sample ID: SF-1-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-008

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: AS00967

Date Collected: 1/19/16
 Time Collected: 06:17
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:13
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.31 Final Pressure (psig): 1.09

Canister Dilution Factor: 1.27

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.4 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.4 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.2 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.2 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.2 | |
| 75-15-0 | Carbon Disulfide | ND | 3.2 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.2 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.2 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.2 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.2 | |

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

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Client: Southern California Gas Company

Client Sample ID: SF-2/5-A-011916

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P1600243-009

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: AS00999

Date Collected: 1/19/16
 Time Collected: 06:28
 Date Received: 1/19/16
 Date Analyzed: 1/19/16
 Time Analyzed: 12:02
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.62 Final Pressure (psig): 1.08

Canister Dilution Factor: 1.31

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 6.6 | |
| 463-58-1 | Carbonyl Sulfide | ND | 6.6 | |
| 74-93-1 | Methyl Mercaptan | ND | 3.3 | |
| 75-08-1 | Ethyl Mercaptan | ND | 3.3 | |
| 75-18-3 | Dimethyl Sulfide | ND | 3.3 | |
| 75-15-0 | Carbon Disulfide | ND | 3.3 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 3.3 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 3.3 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 3.3 | |
| 110-01-0 | Tetrahydrothiophene | ND | 3.3 | |

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

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Client: Southern California Gas Company

Client Sample ID: Method Blank

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P160119-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: 1/19/16

Time Analyzed: 07:01

Volume(s) Analyzed: 1.0 ml(s)

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 5.0 | |
| 463-58-1 | Carbonyl Sulfide | ND | 5.0 | |
| 74-93-1 | Methyl Mercaptan | ND | 2.5 | |
| 75-08-1 | Ethyl Mercaptan | ND | 2.5 | |
| 75-18-3 | Dimethyl Sulfide | ND | 2.5 | |
| 75-15-0 | Carbon Disulfide | ND | 2.5 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 2.5 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 2.5 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 2.5 | |
| 110-01-0 | Tetrahydrothiophene | 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

RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Method Blank

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P160119-MB

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Time Collected: NA

Date Received: NA

Date Analyzed: 1/19/16

Time Analyzed: 06:55

Volume(s) Analyzed: 2.0 ml(s)

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-----------|----------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide | ND | 5.0 | |
| 463-58-1 | Carbonyl Sulfide | ND | 5.0 | |
| 74-93-1 | Methyl Mercaptan | ND | 2.5 | |
| 75-08-1 | Ethyl Mercaptan | ND | 2.5 | |
| 75-18-3 | Dimethyl Sulfide | ND | 2.5 | |
| 75-15-0 | Carbon Disulfide | ND | 2.5 | |
| 75-33-2 | Isopropyl Mercaptan | ND | 2.5 | |
| 75-66-1 | tert-Butyl Mercaptan | ND | 2.5 | |
| 107-03-9 | n-Propyl Mercaptan | ND | 2.5 | |
| 110-01-0 | Tetrahydrothiophene | 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: Southern California Gas Company
Client Sample ID: Lab Control Sample
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243
ALS Sample ID: P160119-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: 1/19/16
Volume(s) Analyzed: NA ml(s)

| CAS # | Compound | Spike Amount ppbV | Result ppbV | % Recovery | ALS | Data Qualifier |
|-----------|------------------|----------------------|----------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 7783-06-4 | Hydrogen Sulfide | 2,000 | 1,980 | 99 | 65-138 | |
| 463-58-1 | Carbonyl Sulfide | 2,000 | 1,900 | 95 | 60-135 | |
| 74-93-1 | Methyl Mercaptan | 2,000 | 1,920 | 96 | 57-140 | |

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P160119-LCS

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/19/16

Volume(s) Analyzed: NA ml(s)

| CAS # | Compound | Spike Amount ppbV | Result ppbV | % Recovery | ALS | |
|-----------|------------------|----------------------|----------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | Data Qualifier |
| 7783-06-4 | Hydrogen Sulfide | 1,000 | 965 | 97 | 65-138 | |
| 463-58-1 | Carbonyl Sulfide | 1,000 | 857 | 86 | 60-135 | |
| 74-93-1 | Methyl Mercaptan | 1,000 | 888 | 89 | 57-140 | |

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: AA-01-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-001

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00952

Initial Pressure (psig): -2.43 Final Pressure (psig): 1.13

Canister Dilution Factor: 1.29

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.15 | 0.040 | |
| 108-88-3 | Toluene | ND | 0.17 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-02-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-002

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00919

Initial Pressure (psig): -3.32 Final Pressure (psig): 1.10

Canister Dilution Factor: 1.39

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.14 | 0.044 | |
| 108-88-3 | Toluene | ND | 0.18 | |
| 100-41-4 | Ethylbenzene | ND | 0.16 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.16 | |
| 95-47-6 | o-Xylene | ND | 0.16 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-03-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-003

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00927

Initial Pressure (psig): -3.10 Final Pressure (psig): 1.16

Canister Dilution Factor: 1.37

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.14 | 0.043 | |
| 108-88-3 | Toluene | ND | 0.18 | |
| 100-41-4 | Ethylbenzene | ND | 0.16 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.16 | |
| 95-47-6 | o-Xylene | ND | 0.16 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-04-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-004

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00986

Initial Pressure (psig): -2.68 Final Pressure (psig): 1.15

Canister Dilution Factor: 1.32

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.19 | 0.041 | |
| 108-88-3 | Toluene | 0.21 | 0.18 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-05-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-005

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00928

Initial Pressure (psig): -2.73 Final Pressure (psig): 1.16

Canister Dilution Factor: 1.32

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.21 | 0.041 | |
| 108-88-3 | Toluene | 0.25 | 0.18 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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

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Client: Southern California Gas Company

Client Sample ID: AA-06-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-006

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00946

Initial Pressure (psig): -2.33 Final Pressure (psig): 1.23

Canister Dilution Factor: 1.29

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.16 | 0.040 | |
| 108-88-3 | Toluene | 0.19 | 0.17 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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: Southern California Gas Company

Client Sample ID: SS-3H-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-007

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00998

Initial Pressure (psig): -2.82 Final Pressure (psig): 1.13

Canister Dilution Factor: 1.33

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 1.9 | 0.042 | |
| 108-88-3 | Toluene | 2.6 | 0.18 | |
| 100-41-4 | Ethylbenzene | 0.21 | 0.15 | |
| 179601-23-1 | m,p-Xylenes | 1.1 | 0.15 | |
| 95-47-6 | o-Xylene | 0.27 | 0.15 | |

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: Southern California Gas Company

Client Sample ID: SF-1-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-008

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00967

Initial Pressure (psig): -2.31 Final Pressure (psig): 1.09

Canister Dilution Factor: 1.27

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.38 | 0.040 | |
| 108-88-3 | Toluene | 0.39 | 0.17 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | 0.15 | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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: Southern California Gas Company

Client Sample ID: SF-2/5-A-011916

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600243-009

Test Code: EPA TO-15

Date Collected: 1/19/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: 1/19/16

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00999

Initial Pressure (psig): -2.62 Final Pressure (psig): 1.08

Canister Dilution Factor: 1.31

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | 0.17 | 0.041 | |
| 108-88-3 | Toluene | 0.20 | 0.17 | |
| 100-41-4 | Ethylbenzene | ND | 0.15 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.15 | |
| 95-47-6 | o-Xylene | ND | 0.15 | |

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: Southern California Gas Company

Client Sample ID: Method Blank

ALS Project ID: P1600243

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P160119-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date Received: NA

Analyst: Evelyn Alvarez

Date Analyzed: 1/19/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

| CAS # | Compound | Result ppbV | MRL ppbV | Data Qualifier |
|-------------|--------------|----------------|-------------|-------------------|
| 71-43-2 | Benzene | ND | 0.031 | |
| 108-88-3 | Toluene | ND | 0.13 | |
| 100-41-4 | Ethylbenzene | ND | 0.12 | |
| 179601-23-1 | m,p-Xylenes | ND | 0.12 | |
| 95-47-6 | o-Xylene | ND | 0.12 | |

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

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Southern California Gas Company

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Date(s) Collected: 1/19/16

Analyst: Evelyn Alvarez

Date(s) Received: 1/19/16

Sample Type: 6.0 L Silonite Canister(s)

Date(s) Analyzed: 1/19/16

Test Notes:

| 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 | P160119-MB | 93 | 102 | 111 | 70-130 | |
| Lab Control Sample | P160119-LCS | 92 | 100 | 115 | 70-130 | |
| AA-01-A-011916 | P1600243-001 | 91 | 102 | 110 | 70-130 | |
| AA-02-A-011916 | P1600243-002 | 92 | 102 | 110 | 70-130 | |
| AA-03-A-011916 | P1600243-003 | 92 | 102 | 108 | 70-130 | |
| AA-04-A-011916 | P1600243-004 | 95 | 101 | 108 | 70-130 | |
| AA-05-A-011916 | P1600243-005 | 95 | 102 | 108 | 70-130 | |
| AA-06-A-011916 | P1600243-006 | 95 | 102 | 107 | 70-130 | |
| SS-3H-A-011916 | P1600243-007 | 95 | 101 | 108 | 70-130 | |
| SF-1-A-011916 | P1600243-008 | 96 | 101 | 108 | 70-130 | |
| SF-2/5-A-011916 | P1600243-009 | 99 | 101 | 108 | 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 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600243

ALS Sample ID: P160119-LCS

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13

Analyst: Evelyn Alvarez

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/19/16

Volume(s) Analyzed: 0.125 Liter(s)

| CAS # | Compound | Spike Amount ppbV | Result ppbV | % Recovery | ALS | Data Qualifier |
|-------------|--------------|----------------------|----------------|------------|----------------------|-------------------|
| | | | | | Acceptance Limits | |
| 71-43-2 | Benzene | 70.8 | 65.9 | 93 | 61-110 | |
| 108-88-3 | Toluene | 57.9 | 55.2 | 95 | 67-117 | |
| 100-41-4 | Ethylbenzene | 50.2 | 52.3 | 104 | 69-123 | |
| 179601-23-1 | m,p-Xylenes | 98.6 | 104 | 105 | 67-125 | |
| 95-47-6 | o-Xylene | 48.4 | 50.7 | 105 | 67-124 | |

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.