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www.alsglobal.com

LABORATORY REPORT

January 5, 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 4, 2016. For your reference, these analyses have been assigned our service request number P1600007.

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 12:55 pm, Jan 05, 2016

Sue Anderson
Project Manager



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Client: Southern California Gas Company Service Request No: P1600007
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

The samples were received intact under chain of custody on January 4, 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.

C1 through C6 Hydrocarbon and TGNMO Analysis

The Silonite canister samples were analyzed per modified EPA Method TO-3 for C1 through >C6 hydrocarbons and total gaseous non-methane organics as 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 Zefon bag samples were analyzed for seven sulfur compounds and total reduced sulfur as hydrogen sulfide (TRS as H₂S) 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. The results for TRS as H₂S were determined by obtaining the total response for all chromatographic peaks and quantitating the value against the initial calibration curve for hydrogen sulfide thus generating a result specified as "Total Reduced Sulfur as Hydrogen Sulfide". 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 Silonite canister 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.



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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: P1600007

Date Received: 1/4/2016
 Time Received: 09:23

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-3 Modified - C1C6+ Can		
								TO-3 Modified - C1C6+ Can	TO-15 - VOC Cans	ASTM D 5504-12 - Sulfur Bag
Porter Ridge Park	P1600007-001	Air	1/4/2016	06:20	AS00931	-1.73	3.56	X	X	X
Starter Set Preschool	P1600007-002	Air	1/4/2016	06:03	AS00903	-0.30	3.54	X	X	X
Castlebay Elementary School	P1600007-003	Air	1/4/2016	05:44	AS00961	-1.17	3.63	X	X	X
Highlands 2	P1600007-004	Air	1/4/2016	05:25	AS00994	-1.87	3.86	X	X	X
Porter Ranch Community School	P1600007-005	Air	1/4/2016	03:01	AS00906	-1.97	3.87	X	X	X
Holleigh Bernson Park	P1600007-006	Air	1/4/2016	03:59	AS00989	-1.73	3.49	X	X	X
Porter Ranch Estates	P1600007-007	Air	1/4/2016	04:15	AS00968	-1.66	3.71	X	X	X
Highlands 1	P1600007-008	Air	1/4/2016	04:53	AS00949	-1.95	4.08	X	X	X
R-1	P1600007-009	Air	1/4/2016	08:18	AS00969	-2.22	3.78	X	X	X
SF-2/5	P1600007-010	Air	1/4/2016	07:48	AS00963	-2.30	3.83	X	X	X
SF-1	P1600007-011	Air	1/4/2016	07:28	AS00966	-2.53	4.65	X	X	X
P-40	P1600007-012	Air	1/4/2016	07:06	AS00970	-1.65	3.89	X	X	X
MA1-A	P1600007-013	Air	1/4/2016	02:35	AS00932	-3.07	4.40	X	X	X
T-3 Low Road	P1600007-014	Air	1/4/2016	03:38	AS00938	-1.77	3.60	X	X	X
T-3 High Road	P1600007-015	Air	1/4/2016	03:21	AS00972	-1.72	3.64	X	X	X
Porter Ranch Estates 2	P1600007-016	Air	1/4/2016	04:31	AS00957	-1.74	3.70	X	X	X
Highlands 3	P1600007-017	Air	1/4/2016	05:09	AS00918	-2.97	3.54	X	X	X
SS-3H	P1600007-018	Air	1/4/2016	02:07	AS00955	-2.53	3.56	X	X	X
SS-09	P1600007-019	Air	1/4/2016	01:48	AS00950	-2.26	3.85	X	X	X



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Air - Chain of Custody Record & Analytical Service Request

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. **P1500007**

ALS Contact: **Sue Anderson**

Project Name: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION**

Project Number: **14424**

P.O. # / Billing Information

Sampler: (Print & Sign) **Kenny Liew *Kenny Liew***

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	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-3 modified C1-C6 & TGNMO as Methane	ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S)	TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
Porter Ridge Park	1	01/04/16	0610-0620	AS00931	0A00989	27	4		X		X	
Starter Set Preschool	2	01/04/16	0553-0603	AS00903	0A01919	>30	9		X		X	
Castelbay Elementary School	3	01/04/16	0534-0544	AS00961	0A00984	27.5	2		X		X	
Highlands 2	4	01/04/16	0515-0525	AS00994	0A00646	29	4		X		X	
Porter Ranch Community School	5	01/04/16	0251-0301	AS00906	0A02025	26.5	3		X		X	
Holliegh Berrison Park	6	01/04/16	0349-0359	AS00989	0A00440	27	4		X		X	
Porter Ranch Estates	7	01/04/16	0405-0415	AS00968	0A00427	27	3.5		X		X	
Highlands 1	8	01/04/16	0442-0452	AS00949	0A0010	26	3.5		X		X	
R-1	9	01/04/16	0808-0818	AS00969	0A01977	28	5.5		X		X	
SF-2/5	10	01/04/16	0738-0748	AS00963	0A01542	27	5		X		X	
SF-1	11	01/04/16	0718-0728	AS00966	0A00831	26	4.5		X		X	
P-40	12	01/04/16	0656-0706	AS00970	0A00958	25	3		X		X	
MA1-A	13	01/04/16	0225-0235	AS00932	0A01936	27	7		X		X	
T-3 Low Road	14	01/04/16	0328-0338	AS00938	0A00145	26	3.5		X		X	

Report Tier Levels - please select

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

Chain of Custody Seal: (Circle)
 INTACT BROKEN ABSENT

Relinquished by: (Signature) **Kenny Liew** Date: **01-04-16** Time: **0923**

Relinquished by: (Signature) _____ Date: _____ Time: _____



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. P1600607

Company Name & Address (Reporting Information) AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805		Project Name SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION		ALS Contact: Sue Anderson		Analysis Method ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S) TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions	
Project Manager SON BUI		Project Number 14424		ALS Project No. P1600607				
Phone (714) 254-1945		Fax (714) 956-2350		P.O. # / Billing Information				
Email Address for Result Reporting		Sampler (Print & Sign) Kenny Liess <i>Kenny Liess</i>						
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Media Sample Volume
Porter Ridge Park	1	01/04/16	0610-	NA	NA	NA	NA	Tedlar Bag
Starter Set Preschool	2	01/04/16	0553-	NA	NA	NA	NA	Tedlar Bag
Castlebay Elementary School	3	01/04/16	0534-	NA	NA	NA	NA	Tedlar Bag
Highlands 2	4	01/04/16	0515-	NA	NA	NA	NA	Tedlar Bag
Porter Ranch Community School	5	01/04/16	0551-	NA	NA	NA	NA	Tedlar Bag
Holleigh Bernson Park	6	01/04/16	0549-	NA	NA	NA	NA	Tedlar Bag
Porter Ranch Estates	7	01/04/16	0405-	NA	NA	NA	NA	Tedlar Bag
Highlands 1	8	01/04/16	0443-	NA	NA	NA	NA	Tedlar Bag
R-1	9	01/04/16	0808-	NA	NA	NA	NA	Tedlar Bag
SF-2/5	10	01/04/16	0738-	NA	NA	NA	NA	Tedlar Bag
SF-1	11	01/04/16	0718-	NA	NA	NA	NA	Tedlar Bag
P-40	12	01/04/16	0656-	NA	NA	NA	NA	Tedlar Bag
MA1-A	13	01/04/16	0225-	NA	NA	NA	NA	Tedlar Bag
T-3 Low Road	14	01/04/16	0233-	NA	NA	NA	NA	Tedlar Bag

Report Tier Levels - please select
 Tier I - Results (Default if not specified) _____
 Tier II (Results + QC Summaries) _____
 Tier III (Results + QC & Calibration Summaries) _____ EDD required No
 Tier IV (Data Validation Package) 10% Surcharge Type: _____ Units: _____

Chain of Custody Seal: (Circle)
 INTACT BROKEN ABSENT

Relinquished by: (Signature) *Kenny Liess* Date: 01-04-16 Time: 09:23
 Received by: (Signature) _____ Date: 01/04/16 Time: 09:23

**ALS Environmental
Sample Acceptance Check Form**

Client: Southern California Gas Company Work order: P1600007
 Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
 Sample(s) received on: 1/4/16 Date opened: 1/4/16 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.

- | | 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
P1600007-001.01	6.0 L Silonite Can					
P1600007-001.02	1 L Zefon Bag					
P1600007-002.01	1 L Zefon Bag					
P1600007-002.02	6.0 L Silonite Can					
P1600007-003.01	6.0 L Silonite Can					
P1600007-003.02	1 L Zefon Bag					
P1600007-004.01	1 L Zefon Bag					
P1600007-004.02	6.0 L Silonite Can					
P1600007-005.01	1 L Zefon Bag					
P1600007-005.02	6.0 L Silonite Can					
P1600007-006.01	6.0 L Silonite Can					
P1600007-006.02	1 L Zefon Bag					
P1600007-007.01	6.0 L Silonite Can					
P1600007-007.02	1 L Zefon Bag					
P1600007-008.01	1 L Zefon Bag					

Explain any discrepancies: (include lab sample ID numbers): _____
 TEDLAR BAG FOR SAMPLE #15 HAS LOW VOLUME

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

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Southern California Gas Company
Client Sample ID: Porter Ridge Park
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-001

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00931

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.41

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.2	0.71	
C ₂ as Ethane	ND	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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.

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RESULTS OF ANALYSIS

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Client: Southern California Gas Company
Client Sample ID: Starter Set Preschool
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-002

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00903

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -0.30 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.27

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.3	0.64	
C ₂ as Ethane	ND	0.64	
C ₃ as Propane	ND	0.64	
C ₄ as n-Butane	ND	0.64	
C ₅ as n-Pentane	ND	0.64	
C ₆ as n-Hexane	ND	0.64	
C ₆₊ as n-Hexane	ND	0.64	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.3	

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

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RESULTS OF ANALYSIS

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Client: Southern California Gas Company
Client Sample ID: Castlebay Elementary School
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-003

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00961

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.63

Canister Dilution Factor: 1.35

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.3	0.68	
C ₂ as Ethane	ND	0.68	
C ₃ as Propane	ND	0.68	
C ₄ as n-Butane	ND	0.68	
C ₅ as n-Pentane	ND	0.68	
C ₆ as n-Hexane	ND	0.68	
C ₆₊ as n-Hexane	ND	0.68	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

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Client: Southern California Gas Company
Client Sample ID: Highlands 2
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-004

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00994

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.87 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.45

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.9	0.73	
C ₂ as Ethane	ND	0.73	
C ₃ as Propane	ND	0.73	
C ₄ as n-Butane	ND	0.73	
C ₅ as n-Pentane	ND	0.73	
C ₆ as n-Hexane	ND	0.73	
C ₆₊ as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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.

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Client: Southern California Gas Company
Client Sample ID: Porter Ranch Community School
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-005

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00906

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.97 Final Pressure (psig): 3.87

Canister Dilution Factor: 1.46

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.3	0.73	
C ₂ as Ethane	ND	0.73	
C ₃ as Propane	ND	0.73	
C ₄ as n-Butane	ND	0.73	
C ₅ as n-Pentane	ND	0.73	
C ₆ as n-Hexane	ND	0.73	
C ₆₊ as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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.

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Client: Southern California Gas Company
Client Sample ID: Holleigh Bernson Park
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-006

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00989

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	14	0.70	
C ₂ as Ethane	ND	0.70	
C ₃ as Propane	ND	0.70	
C ₄ as n-Butane	ND	0.70	
C ₅ as n-Pentane	ND	0.70	
C ₆ as n-Hexane	ND	0.70	
C ₆₊ as n-Hexane	ND	0.70	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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.

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Client: Southern California Gas Company
Client Sample ID: Porter Ranch Estates
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-007

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00968

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.66 Final Pressure (psig): 3.71

Canister Dilution Factor: 1.41

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	54	0.71	
C ₂ as Ethane	1.5	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	3.0	1.4	

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.

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Client: Southern California Gas Company

Client Sample ID: Highlands 1

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-008

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Mike Conejo

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00949

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.95 Final Pressure (psig): 4.08

Canister Dilution Factor: 1.47

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	3.1	0.74	
C ₂ as Ethane	ND	0.74	
C ₃ as Propane	ND	0.74	
C ₄ as n-Butane	ND	0.74	
C ₅ as n-Pentane	ND	0.74	
C ₆ as n-Hexane	ND	0.74	
C ₆₊ as n-Hexane	ND	0.74	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

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Client: Southern California Gas Company
Client Sample ID: R-1
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-009

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00969

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.22 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.48

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.4	0.74	
C ₂ as Ethane	ND	0.74	
C ₃ as Propane	ND	0.74	
C ₄ as n-Butane	ND	0.74	
C ₅ as n-Pentane	ND	0.74	
C ₆ as n-Hexane	ND	0.74	
C ₆₊ as n-Hexane	ND	0.74	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

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Client: Southern California Gas Company
Client Sample ID: SF-2/5
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-010

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00963

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.30 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.49

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	94	0.75	
C ₂ as Ethane	2.6	0.75	
C ₃ as Propane	ND	0.75	
C ₄ as n-Butane	ND	0.75	
C ₅ as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆₊ as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	5.2	1.5	

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.

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Client: Southern California Gas Company

Client Sample ID: SF-1

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-011

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Mike Conejo

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00966

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.53 Final Pressure (psig): 4.65

Canister Dilution Factor: 1.59

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	8.1	0.80	
C ₂ as Ethane	ND	0.80	
C ₃ as Propane	ND	0.80	
C ₄ as n-Butane	ND	0.80	
C ₅ as n-Pentane	ND	0.80	
C ₆ as n-Hexane	ND	0.80	
C ₆₊ as n-Hexane	ND	0.80	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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: P-40
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-012

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00970

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.65 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.42

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.5	0.71	
C ₂ as Ethane	ND	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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.

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Client: Southern California Gas Company

Client Sample ID: MA1-A

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-013

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Mike Conejo

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00932

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -3.07 Final Pressure (psig): 4.40

Canister Dilution Factor: 1.64

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.3	0.82	
C ₂ as Ethane	ND	0.82	
C ₃ as Propane	ND	0.82	
C ₄ as n-Butane	ND	0.82	
C ₅ as n-Pentane	ND	0.82	
C ₆ as n-Hexane	ND	0.82	
C ₆₊ as n-Hexane	ND	0.82	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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: T-3 Low Road
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-014

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00938

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.77 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.42

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.3	0.71	
C ₂ as Ethane	ND	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

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Client: Southern California Gas Company
Client Sample ID: T-3 High Road
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-015

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00972

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.72 Final Pressure (psig): 3.64

Canister Dilution Factor: 1.41

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.2	0.71	
C ₂ as Ethane	ND	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

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Client: Southern California Gas Company
Client Sample ID: Porter Ranch Estates 2
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-016

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00957

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.74 Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	51	0.71	
C ₂ as Ethane	1.3	0.71	
C ₃ as Propane	ND	0.71	
C ₄ as n-Butane	ND	0.71	
C ₅ as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆₊ as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	2.5	1.4	

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.

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Client: Southern California Gas Company
Client Sample ID: Highlands 3
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-017

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00918

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.97 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.55

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	2.7	0.78	
C ₂ as Ethane	ND	0.78	
C ₃ as Propane	ND	0.78	
C ₄ as n-Butane	ND	0.78	
C ₅ as n-Pentane	ND	0.78	
C ₆ as n-Hexane	ND	0.78	
C ₆₊ as n-Hexane	ND	0.78	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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.

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Client: Southern California Gas Company

Client Sample ID: SS-3H

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-018

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Mike Conejo

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00955

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.53 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.50

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	5.7	0.75	
C ₂ as Ethane	ND	0.75	
C ₃ as Propane	ND	0.75	
C ₄ as n-Butane	ND	0.75	
C ₅ as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆₊ as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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.

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Client: Southern California Gas Company
Client Sample ID: SS-09
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-019

Test Code: EPA TO-3 Modified
 Instrument ID: HP5890 II/GC8/FID
 Analyst: Mike Conejo
 Sampling Media: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00926

Date Collected: 1/4/16
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.49

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	48	0.75	
C ₂ as Ethane	ND	0.75	
C ₃ as Propane	ND	0.75	
C ₄ as n-Butane	ND	0.75	
C ₅ as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆₊ as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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.

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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: P1600007
 ALS Sample ID: P160104-MB

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: 1/04/16
 Volume(s) Analyzed: 1.0 ml(s)

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	ND	0.50	
C ₂ as Ethane	ND	0.50	
C ₃ as Propane	ND	0.50	
C ₄ as n-Butane	ND	0.50	
C ₅ as n-Pentane	ND	0.50	
C ₆ as n-Hexane	ND	0.50	
C ₆₊ as n-Hexane	ND	0.50	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	

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

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Client: Southern California Gas Company

Client Sample ID: Lab Control Sample

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

ALS Project ID: P1600007

ALS Sample ID: P160104-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: 1/04/16

Volume(s) Analyzed: NA ml(s)

Compound	Spike Amount ppmV	Result ppmV	% Recovery	ALS	
				Acceptance Limits	Data Qualifier
Methane	1,020	900	88	83-107	
Ethane	1,010	984	97	77-111	
Propane	1,010	989	98	78-110	
n-Butane	1,010	987	98	73-109	
n-Pentane	1,010	1,060	105	75-115	
n-Hexane	1,020	1,110	109	73-121	

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Client: Southern California Gas Company

Client Sample ID: Porter Ridge Park

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-001

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 06:20

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 10:02

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: Starter Set Preschool
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-002

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 06:03
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 10:17
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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.

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Client: Southern California Gas Company

Client Sample ID: Castlebay Elementary School

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-003

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 05:44

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 10:37

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: Highlands 2

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-004

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 05:25

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 10:52

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: Porter Ranch Community School
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-005

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 03:01
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 11:13
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: Holleigh Bernson Park
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-006

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 03:59
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 11:31
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-007

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 04:15

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 11:49

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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.

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Client: Southern California Gas Company
Client Sample ID: Highlands 1
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-008

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 04:53
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 12:06
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: R-1

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-009

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 08:18

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 12:22

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: SF-2/5

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-010

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 07:48

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 12:38

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: SF-1

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-011

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 07:28

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 13:44

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: P-40

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-012

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 07:06

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 14:01

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: MA1-A

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-013

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 02:35

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 14:22

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: T-3 Low Road
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-014

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 03:38
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 14:37
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: T-3 High Road

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-015

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 03:21

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 14:55

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates 2

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-016

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 04:31

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 15:10

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

Client Sample ID: Highlands 3

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-017

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 05:09

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 15:29

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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.

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Client: Southern California Gas Company

Client Sample ID: SS-3H

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

ALS Project ID: P1600007

ALS Sample ID: P1600007-018

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/4/16

Time Collected: 02:07

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Analyzed: 15:46

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: SS-09
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P1600007-019

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: 1/4/16
 Time Collected: 01:48
 Date Received: 1/4/16
 Date Analyzed: 1/4/16
 Time Analyzed: 16:05
 Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company

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

ALS Project ID: P1600007

Total Reduced Sulfur as Hydrogen Sulfide

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag(s)

Test Notes:

Date(s) Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Client Sample ID	ALS Sample ID	Injection		Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
		Volume ml(s)	Time Analyzed					
Porter Ridge Park	P1600007-001	2.0	10:02	ND	7.0	ND	5.0	
Starter Set Preschool	P1600007-002	2.0	10:17	ND	7.0	ND	5.0	
Castlebay Elementary School	P1600007-003	2.0	10:37	ND	7.0	ND	5.0	
Highlands 2	P1600007-004	2.0	10:52	ND	7.0	ND	5.0	
Porter Ranch Community School	P1600007-005	2.0	11:13	ND	7.0	ND	5.0	
Holleigh Bernson Park	P1600007-006	2.0	11:31	ND	7.0	ND	5.0	
Porter Ranch Estates	P1600007-007	2.0	11:49	ND	7.0	ND	5.0	
Highlands 1	P1600007-008	2.0	12:06	ND	7.0	ND	5.0	
R-1	P1600007-009	2.0	12:22	ND	7.0	ND	5.0	
SF-2/5	P1600007-010	2.0	12:38	ND	7.0	ND	5.0	
SF-1	P1600007-011	2.0	13:44	ND	7.0	ND	5.0	
P-40	P1600007-012	2.0	14:01	ND	7.0	ND	5.0	
MA1-A	P1600007-013	2.0	14:22	ND	7.0	ND	5.0	
T-3 Low Road	P1600007-014	2.0	14:37	ND	7.0	ND	5.0	
T-3 High Road	P1600007-015	2.0	14:55	ND	7.0	ND	5.0	
Porter Ranch Estates 2	P1600007-016	2.0	15:10	ND	7.0	ND	5.0	
Highlands 3	P1600007-017	2.0	15:29	ND	7.0	ND	5.0	
SS-3H	P1600007-018	2.0	15:46	ND	7.0	ND	5.0	
SS-09	P1600007-019	2.0	16:05	ND	7.0	ND	5.0	
Method Blank	P160104-MB	2.0	08:44	ND	7.0	ND	5.0	

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: P1600007

ALS Sample ID: P160104-MB

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: NA

Time Collected: NA

Date Received: NA

Date Analyzed: 1/04/16

Time Analyzed: 08:44

Volume(s) Analyzed: 2.0 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	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	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

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Client: Southern California Gas Company
Client Sample ID: Lab Control Sample
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600007
 ALS Sample ID: P160104-LCS

Test Code: ASTM D 5504-12
 Instrument ID: Agilent 7890A/GC22/SCD
 Analyst: Mike Conejo
 Sample Type: 1 L Zefon Bag
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/04/16
 Volume(s) Analyzed: NA ml(s)

CAS #	Compound	Spike Amount ppbV	Result ppbV	% Recovery	ALS	Data Qualifier
					Acceptance Limits	
7783-06-4	Hydrogen Sulfide	1,000	901	90	65-138	
463-58-1	Carbonyl Sulfide	1,000	887	89	60-135	
74-93-1	Methyl Mercaptan	1,000	864	86	57-140	

ALS ENVIRONMENTAL

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Client: Southern California Gas Company

Client Sample ID: Porter Ridge Park

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-001

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00931

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.41

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	0.37	0.14	0.12	0.044	
108-88-3	Toluene	ND	0.71	ND	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.71	ND	0.16	
95-47-6	o-Xylene	ND	0.71	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: Starter Set Preschool

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-002

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00903

Initial Pressure (psig): -0.30 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.27

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.49	0.13	0.15	0.040	
108-88-3	Toluene	ND	0.64	ND	0.17	
100-41-4	Ethylbenzene	ND	0.64	ND	0.15	
179601-23-1	m,p-Xylenes	ND	0.64	ND	0.15	
95-47-6	o-Xylene	ND	0.64	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: Castlebay Elementary School

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-003

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00961

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.63

Canister Dilution Factor: 1.35

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.33	0.14	0.10	0.042	
108-88-3	Toluene	ND	0.68	ND	0.18	
100-41-4	Ethylbenzene	ND	0.68	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.68	ND	0.16	
95-47-6	o-Xylene	ND	0.68	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

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Client: Southern California Gas Company

Client Sample ID: Highlands 2

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-004

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00994

Initial Pressure (psig): -1.87 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.45

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.40	0.15	0.12	0.045	
108-88-3	Toluene	ND	0.73	ND	0.19	
100-41-4	Ethylbenzene	ND	0.73	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.73	ND	0.17	
95-47-6	o-Xylene	ND	0.73	ND	0.17	

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: Porter Ranch Community School

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-005

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00906

Initial Pressure (psig): -1.97 Final Pressure (psig): 3.87

Canister Dilution Factor: 1.46

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.45	0.15	0.14	0.046	
108-88-3	Toluene	ND	0.73	ND	0.19	
100-41-4	Ethylbenzene	ND	0.73	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.73	ND	0.17	
95-47-6	o-Xylene	ND	0.73	ND	0.17	

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: Holleigh Bernson Park

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-006

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00989

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.86	0.14	0.27	0.044	
108-88-3	Toluene	0.87	0.70	0.23	0.19	
100-41-4	Ethylbenzene	ND	0.70	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.70	ND	0.16	
95-47-6	o-Xylene	ND	0.70	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.

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-007

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00968

Initial Pressure (psig): -1.66 Final Pressure (psig): 3.71

Canister Dilution Factor: 1.41

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	1.8	0.14	0.55	0.044	
108-88-3	Toluene	2.3	0.71	0.61	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	1.1	0.71	0.26	0.16	
95-47-6	o-Xylene	ND	0.71	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.

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Client: Southern California Gas Company

Client Sample ID: Highlands 1

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-008

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00949

Initial Pressure (psig): -1.95 Final Pressure (psig): 4.08

Canister Dilution Factor: 1.47

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	0.41	0.15	0.13	0.046	
108-88-3	Toluene	ND	0.74	ND	0.20	
100-41-4	Ethylbenzene	ND	0.74	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.74	ND	0.17	
95-47-6	o-Xylene	ND	0.74	ND	0.17	

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: R-1

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-009

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00969

Initial Pressure (psig): -2.22 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.48

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.62	0.15	0.19	0.046	
108-88-3	Toluene	ND	0.74	ND	0.20	
100-41-4	Ethylbenzene	ND	0.74	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.74	ND	0.17	
95-47-6	o-Xylene	ND	0.74	ND	0.17	

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: SF-2/5

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-010

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00963

Initial Pressure (psig): -2.30 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.49

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	3.4	0.15	1.1	0.047	
108-88-3	Toluene	4.6	0.75	1.2	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	
179601-23-1	m,p-Xylenes	2.3	0.75	0.54	0.17	
95-47-6	o-Xylene	ND	0.75	ND	0.17	

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

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-011

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00966

Initial Pressure (psig): -2.53 Final Pressure (psig): 4.65

Canister Dilution Factor: 1.59

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	0.52	0.16	0.16	0.050	
108-88-3	Toluene	ND	0.80	ND	0.21	
100-41-4	Ethylbenzene	ND	0.80	ND	0.18	
179601-23-1	m,p-Xylenes	ND	0.80	ND	0.18	
95-47-6	o-Xylene	ND	0.80	ND	0.18	

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: P-40

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-012

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00970

Initial Pressure (psig): -1.65 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.42

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.43	0.14	0.13	0.044	
108-88-3	Toluene	ND	0.71	ND	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.71	ND	0.16	
95-47-6	o-Xylene	ND	0.71	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

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Client: Southern California Gas Company

Client Sample ID: MA1-A

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-013

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00932

Initial Pressure (psig): -3.07 Final Pressure (psig): 4.40

Canister Dilution Factor: 1.64

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.40	0.16	0.12	0.051	
108-88-3	Toluene	ND	0.82	ND	0.22	
100-41-4	Ethylbenzene	ND	0.82	ND	0.19	
179601-23-1	m,p-Xylenes	ND	0.82	ND	0.19	
95-47-6	o-Xylene	ND	0.82	ND	0.19	

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: T-3 Low Road

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-014

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00938

Initial Pressure (psig): -1.77 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.42

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.52	0.14	0.16	0.044	
108-88-3	Toluene	ND	0.71	ND	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.71	ND	0.16	
95-47-6	o-Xylene	ND	0.71	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

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Client: Southern California Gas Company

Client Sample ID: T-3 High Road

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-015

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00972

Initial Pressure (psig): -1.72 Final Pressure (psig): 3.64

Canister Dilution Factor: 1.41

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.41	0.14	0.13	0.044	
108-88-3	Toluene	ND	0.71	ND	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.71	ND	0.16	
95-47-6	o-Xylene	ND	0.71	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: Porter Ranch Estates 2

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-016

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00957

Initial Pressure (psig): -1.74 Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	2.0	0.14	0.62	0.044	
108-88-3	Toluene	2.5	0.71	0.66	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	1.3	0.71	0.29	0.16	
95-47-6	o-Xylene	ND	0.71	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

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Client: Southern California Gas Company

Client Sample ID: Highlands 3

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-017

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00918

Initial Pressure (psig): -2.97 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.55

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
71-43-2	Benzene	0.36	0.16	0.11	0.049	
108-88-3	Toluene	ND	0.78	ND	0.21	
100-41-4	Ethylbenzene	ND	0.78	ND	0.18	
179601-23-1	m,p-Xylenes	ND	0.78	ND	0.18	
95-47-6	o-Xylene	ND	0.78	ND	0.18	

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

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-018

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00955

Initial Pressure (psig): -2.53 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.50

CAS #	Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.44	0.15	0.14	0.047	
108-88-3	Toluene	ND	0.75	ND	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.75	ND	0.17	
95-47-6	o-Xylene	ND	0.75	ND	0.17	

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-09

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-019

Test Code: EPA TO-15

Date Collected: 1/4/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/4/16

Analyst: Simon Cao

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00926

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.49

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	0.40	0.15	0.13	0.047	
108-88-3	Toluene	ND	0.75	ND	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.75	ND	0.17	
95-47-6	o-Xylene	ND	0.75	ND	0.17	

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

ALS Project ID: P1600007

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

ALS Sample ID: P160104-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result		MRL		Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	ND	0.10	ND	0.031	
108-88-3	Toluene	ND	0.50	ND	0.13	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	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

RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Method Blank

ALS Project ID: P1600007

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

ALS Sample ID: P160104-MB

Test Code: EPA TO-15

Date Collected: NA

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

Date Received: NA

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result		MRL		Data Qualifier
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	ppbV	ppbV	
71-43-2	Benzene	ND	0.10	ND	0.031	
108-88-3	Toluene	ND	0.50	ND	0.13	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	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: P1600007

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date(s) Collected: 1/4/16

Date(s) Received: 1/4/16

Analyst: Lusine Hakobyan

Date(s) Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister(s)

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	P160104-MB	87	103	103	70-130	
Method Blank	P160104-MB	107	104	109	70-130	
Lab Control Sample	P160104-LCS	90	100	104	70-130	
Lab Control Sample	P160104-LCS	103	99	107	70-130	
Porter Ridge Park	P1600007-001	95	102	104	70-130	
Starter Set Preschool	P1600007-002	103	98	103	70-130	
Castlebay Elementary School	P1600007-003	99	101	103	70-130	
Highlands 2	P1600007-004	104	98	103	70-130	
Porter Ranch Community School	P1600007-005	95	100	102	70-130	
Holleigh Bernson Park	P1600007-006	104	98	100	70-130	
Holleigh Bernson Park	P1600007-006DUP	104	98	99	70-130	
Porter Ranch Estates	P1600007-007	101	100	100	70-130	
Highlands 1	P1600007-008	103	97	101	70-130	
R-1	P1600007-009	103	99	101	70-130	
SF-2/5	P1600007-010	103	102	104	70-130	
SF-1	P1600007-011	95	102	104	70-130	
P-40	P1600007-012	103	101	100	70-130	
MA1-A	P1600007-013	93	103	105	70-130	
T-3 Low Road	P1600007-014	103	99	99	70-130	
T-3 High Road	P1600007-015	91	102	105	70-130	
Porter Ranch Estates 2	P1600007-016	102	100	101	70-130	
Highlands 3	P1600007-017	87	102	107	70-130	
SS-3H	P1600007-018	102	99	101	70-130	
SS-09	P1600007-019	89	102	106	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: P1600007

ALS Sample ID: P160104-LCS

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Lusine Hakobyan

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/4/16

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	61.5	87	61-110	
108-88-3	Toluene	57.9	50.5	87	67-117	
100-41-4	Ethylbenzene	50.2	45.1	90	69-123	
179601-23-1	m,p-Xylenes	98.6	88.4	90	67-125	
95-47-6	o-Xylene	48.4	42.8	88	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.

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: P1600007

ALS Sample ID: P160104-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: 1/4/16

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	63.8	90	61-110	
108-88-3	Toluene	57.9	48.4	84	67-117	
100-41-4	Ethylbenzene	50.2	43.6	87	69-123	
179601-23-1	m,p-Xylenes	98.6	86.2	87	67-125	
95-47-6	o-Xylene	48.4	42.1	87	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.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Holleigh Bernson Park

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-006DUP

Test Code: EPA TO-15

Date Collected: 1/4/16

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

Date Received: 1/4/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00989

Initial Pressure (psig): -1.73

Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

Compound	Sample Result		Duplicate		Average	% RPD	RPD Limit	Data Qualifier
	µg/m ³	ppbV	µg/m ³	ppbV				
Benzene	0.861	0.270	0.847	0.265	0.2675	2	25	
Toluene	0.871	0.231	0.881	0.234	0.2325	1	25	
Ethylbenzene	ND	ND	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	ND	ND	-	-	25	
o-Xylene	ND	ND	ND	ND	-	-	25	

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

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Southern California Gas Company ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Lab File ID: 01041601.D
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Analyzed: 1/4/16
 Analyst: Lusine Hakobyan Time Analyzed: 03:40
 Sample Type: 6.0 L Silonite Canister(s)
 Test Notes:

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
24 Hour Standard	88254	9.00	454006	10.96	187809	15.31
Upper Limit	123556	9.33	635608	11.29	262933	15.64
Lower Limit	52952	8.67	272404	10.63	112685	14.98

Client Sample ID		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
01	Method Blank	103102	8.97	532004	10.95	204978	15.30
02	Lab Control Sample	110656	8.99	555794	10.96	224116	15.31
03	SS-09	113204	8.97	604721	10.95	234505	15.30
04	Highlands 3	106320	8.97	560674	10.95	219618	15.30
05	T-3 High Road	104237	8.97	555383	10.95	218440	15.30
06	MA1-A	105228	8.97	565301	10.95	220688	15.30
07	SF-1	96859	8.97	526537	10.95	207716	15.30
08	Porter Ridge Park	94527	8.97	509750	10.95	202890	15.30
09	Castlebay Elementary School	90303	8.97	495484	10.95	198745	15.30
10	Porter Ranch Community School	95722	8.97	496854	10.95	201178	15.30
11	Porter Ranch Estates	87273	8.97	478358	10.95	195626	15.30
12	R-1	85438	8.97	465286	10.95	190744	15.30
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Southern California Gas Company ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Lab File ID: 01041601.D
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Analyzed: 1/4/16
 Analyst: Lusine Hakobyan Time Analyzed: 02:32
 Sample Type: 6.0 L Silonite Canister(s)
 Test Notes:

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
24 Hour Standard	226083	11.18	1139477	13.30	427563	17.61
Upper Limit	316516	11.51	1595268	13.63	598588	17.94
Lower Limit	135650	10.85	683686	12.97	256538	17.28

Client Sample ID		IS1 (BCM)	IS2 (DFB)	IS3 (CBZ)
		AREA #	RT #	AREA #
01	Method Blank	219331	11.16	421828
02	Lab Control Sample	231820	11.18	440807
03	P-40	308413	11.16	584058
04	T-3 Low Road	286714	11.16	554573
05	Porter Ranch Estates 2	286823	11.16	551108
06	SS-3H	282242	11.16	552920
07	Starter Set Preschool	272403	11.17	528102
08	Highlands 2	282771	11.17	530809
09	Holleigh Bernson Park	283507	11.16	552430
10	Holleigh Bernson Park (Lab Duplicate)	283010	11.16	550269
11	Highlands 1	282343	11.16	547144
12	SF-2/5	277828	11.16	523580
13				
14				
15				
16				
17				
18				
19				
20				

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits.