

## Technical Report for

### Providence Engineering

Valero-CAMS, Baton Rouge, LA

712-001

Accutest Job Number: JB68191

Sampling Date: 05/22/14

#### Report to:

Providence Engineering

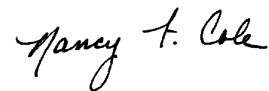
kevincalhoun@providenceeng.com

ATTN: Kevin Calhoun

Total number of pages in report: **10**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



**Nancy Cole**  
Laboratory Director

**Client Service contact: Victoria Pushkova 732-329-0200**

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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## Sample Summary

**Providence Engineering**

**Job No: JB68191**

**Valero-CAMS, Baton Rouge, LA**  
**Project No: 712-001**

| Sample Number | Collected |          | Matrix   |      |                  | Client Sample ID |
|---------------|-----------|----------|----------|------|------------------|------------------|
|               | Date      | Time By  | Received | Code | Type             |                  |
| JB68191-1     | 05/22/14  | 13:00 KH | 06/02/14 | AIR  | Ambient Air Grab | CAMS 168         |

**Sample Results**

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**Report of Analysis**

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## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client Sample ID: | CAMS 168                     | Date Sampled:   | 05/22/14 |
| Lab Sample ID:    | JB68191-1                    | Date Received:  | 06/02/14 |
| Matrix:           | AIR - Ambient Air Grab       | Summa ID:       | A1181    |
| Method:           | TO-15                        | Percent Solids: | n/a      |
| Project:          | Valero-CAMS, Baton Rouge, LA |                 |          |

| Run #  | File ID  | DF | Analyzed | By  | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|-----|-----------|------------|------------------|
| Run #1 | W47222.D | 1  | 06/03/14 | DFT | n/a       | n/a        | VW1883           |
| Run #2 |          |    |          |     |           |            |                  |

| Run #  | Initial Volume |
|--------|----------------|
| Run #1 | 400 ml         |
| Run #2 |                |

## VOA TO15 List

| CAS No.    | MW    | Compound                   | Result | RL   | MDL   | Units | Q | Result | RL   | MDL   | Units |
|------------|-------|----------------------------|--------|------|-------|-------|---|--------|------|-------|-------|
| 67-64-1    | 58.08 | Acetone                    | 6.7    | 0.20 | 0.034 | ppbv  |   | 16     | 0.48 | 0.081 | ug/m3 |
| 106-99-0   | 54.09 | 1,3-Butadiene              | ND     | 0.20 | 0.020 | ppbv  |   | ND     | 0.44 | 0.044 | ug/m3 |
| 71-43-2    | 78.11 | Benzene                    | 0.22   | 0.20 | 0.021 | ppbv  |   | 0.70   | 0.64 | 0.067 | ug/m3 |
| 75-27-4    | 163.8 | Bromodichloromethane       | ND     | 0.20 | 0.025 | ppbv  |   | ND     | 1.3  | 0.17  | ug/m3 |
| 75-25-2    | 252.8 | Bromoform                  | ND     | 0.20 | 0.022 | ppbv  |   | ND     | 2.1  | 0.23  | ug/m3 |
| 74-83-9    | 94.94 | Bromomethane               | ND     | 0.20 | 0.017 | ppbv  |   | ND     | 0.78 | 0.066 | ug/m3 |
| 593-60-2   | 106.9 | Bromoethene                | ND     | 0.20 | 0.014 | ppbv  |   | ND     | 0.87 | 0.061 | ug/m3 |
| 100-44-7   | 126   | Benzyl Chloride            | ND     | 0.20 | 0.025 | ppbv  |   | ND     | 1.0  | 0.13  | ug/m3 |
| 75-15-0    | 76.14 | Carbon disulfide           | 0.20   | 0.20 | 0.017 | ppbv  |   | 0.62   | 0.62 | 0.053 | ug/m3 |
| 108-90-7   | 112.6 | Chlorobenzene              | ND     | 0.20 | 0.025 | ppbv  |   | ND     | 0.92 | 0.12  | ug/m3 |
| 75-00-3    | 64.52 | Chloroethane               | ND     | 0.20 | 0.020 | ppbv  |   | ND     | 0.53 | 0.053 | ug/m3 |
| 67-66-3    | 119.4 | Chloroform                 | ND     | 0.20 | 0.019 | ppbv  |   | ND     | 0.98 | 0.093 | ug/m3 |
| 74-87-3    | 50.49 | Chloromethane              | 0.67   | 0.20 | 0.034 | ppbv  |   | 1.4    | 0.41 | 0.070 | ug/m3 |
| 107-05-1   | 76.53 | 3-Chloropropene            | ND     | 0.20 | 0.028 | ppbv  |   | ND     | 0.63 | 0.088 | ug/m3 |
| 95-49-8    | 126.6 | 2-Chlorotoluene            | ND     | 0.20 | 0.020 | ppbv  |   | ND     | 1.0  | 0.10  | ug/m3 |
| 56-23-5    | 153.8 | Carbon tetrachloride       | ND     | 0.20 | 0.011 | ppbv  |   | ND     | 1.3  | 0.069 | ug/m3 |
| 110-82-7   | 84.16 | Cyclohexane                | ND     | 0.20 | 0.058 | ppbv  |   | ND     | 0.69 | 0.20  | ug/m3 |
| 75-34-3    | 98.96 | 1,1-Dichloroethane         | ND     | 0.20 | 0.016 | ppbv  |   | ND     | 0.81 | 0.065 | ug/m3 |
| 75-35-4    | 96.94 | 1,1-Dichloroethylene       | ND     | 0.20 | 0.021 | ppbv  |   | ND     | 0.79 | 0.083 | ug/m3 |
| 106-93-4   | 187.9 | 1,2-Dibromoethane          | ND     | 0.20 | 0.027 | ppbv  |   | ND     | 1.5  | 0.21  | ug/m3 |
| 107-06-2   | 98.96 | 1,2-Dichloroethane         | ND     | 0.20 | 0.016 | ppbv  |   | ND     | 0.81 | 0.065 | ug/m3 |
| 78-87-5    | 113   | 1,2-Dichloropropane        | ND     | 0.20 | 0.040 | ppbv  |   | ND     | 0.92 | 0.18  | ug/m3 |
| 123-91-1   | 88.12 | 1,4-Dioxane                | ND     | 0.20 | 0.060 | ppbv  |   | ND     | 0.72 | 0.22  | ug/m3 |
| 75-71-8    | 120.9 | Dichlorodifluoromethane    | 0.47   | 0.20 | 0.015 | ppbv  |   | 2.3    | 0.99 | 0.074 | ug/m3 |
| 124-48-1   | 208.3 | Dibromochloromethane       | ND     | 0.20 | 0.029 | ppbv  |   | ND     | 1.7  | 0.25  | ug/m3 |
| 156-60-5   | 96.94 | trans-1,2-Dichloroethylene | ND     | 0.20 | 0.015 | ppbv  |   | ND     | 0.79 | 0.059 | ug/m3 |
| 156-59-2   | 96.94 | cis-1,2-Dichloroethylene   | ND     | 0.20 | 0.028 | ppbv  |   | ND     | 0.79 | 0.11  | ug/m3 |
| 10061-01-5 | 111   | cis-1,3-Dichloropropene    | ND     | 0.20 | 0.019 | ppbv  |   | ND     | 0.91 | 0.086 | ug/m3 |
| 541-73-1   | 147   | m-Dichlorobenzene          | ND     | 0.20 | 0.025 | ppbv  |   | ND     | 1.2  | 0.15  | ug/m3 |
| 95-50-1    | 147   | o-Dichlorobenzene          | ND     | 0.20 | 0.029 | ppbv  |   | ND     | 1.2  | 0.17  | ug/m3 |
| 106-46-7   | 147   | p-Dichlorobenzene          | ND     | 0.20 | 0.022 | ppbv  |   | ND     | 1.2  | 0.13  | ug/m3 |
| 10061-02-6 | 111   | trans-1,3-Dichloropropene  | ND     | 0.20 | 0.021 | ppbv  |   | ND     | 0.91 | 0.095 | ug/m3 |

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client Sample ID: | CAMS 168                     | Date Sampled:   | 05/22/14 |
| Lab Sample ID:    | JB68191-1                    | Date Received:  | 06/02/14 |
| Matrix:           | AIR - Ambient Air Grab       | Summa ID:       | A1181    |
| Method:           | TO-15                        | Percent Solids: | n/a      |
| Project:          | Valero-CAMS, Baton Rouge, LA |                 |          |

## VOA TO15 List

| CAS No.   | MW     | Compound                  | Result | RL    | MDL   | Units | Q | Result | RL   | MDL   | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5   | 46.07  | Ethanol                   | 2.4    | 0.50  | 0.19  | ppbv  |   | 4.5    | 0.94 | 0.36  | ug/m3 |
| 100-41-4  | 106.2  | Ethylbenzene              | 0.12   | 0.20  | 0.020 | ppbv  | J | 0.52   | 0.87 | 0.087 | ug/m3 |
| 141-78-6  | 88     | Ethyl Acetate             | ND     | 0.20  | 0.057 | ppbv  |   | ND     | 0.72 | 0.21  | ug/m3 |
| 622-96-8  | 120.2  | 4-Ethyltoluene            | ND     | 0.20  | 0.015 | ppbv  |   | ND     | 0.98 | 0.074 | ug/m3 |
| 76-13-1   | 187.4  | Freon 113                 | ND     | 0.20  | 0.021 | ppbv  |   | ND     | 1.5  | 0.16  | ug/m3 |
| 76-14-2   | 170.9  | Freon 114                 | ND     | 0.20  | 0.021 | ppbv  |   | ND     | 1.4  | 0.15  | ug/m3 |
| 142-82-5  | 100.2  | Heptane                   | 0.37   | 0.20  | 0.020 | ppbv  |   | 1.5    | 0.82 | 0.082 | ug/m3 |
| 87-68-3   | 260.8  | Hexachlorobutadiene       | ND     | 0.20  | 0.063 | ppbv  |   | ND     | 2.1  | 0.67  | ug/m3 |
| 110-54-3  | 86.17  | Hexane                    | 0.75   | 0.20  | 0.016 | ppbv  |   | 2.6    | 0.70 | 0.056 | ug/m3 |
| 591-78-6  | 100    | 2-Hexanone                | ND     | 0.20  | 0.025 | ppbv  |   | ND     | 0.82 | 0.10  | ug/m3 |
| 67-63-0   | 60.1   | Isopropyl Alcohol         | 0.79   | 0.20  | 0.039 | ppbv  |   | 1.9    | 0.49 | 0.096 | ug/m3 |
| 75-09-2   | 84.94  | Methylene chloride        | 0.52   | 0.20  | 0.047 | ppbv  |   | 1.8    | 0.69 | 0.16  | ug/m3 |
| 78-93-3   | 72.11  | Methyl ethyl ketone       | 0.73   | 0.20  | 0.058 | ppbv  |   | 2.2    | 0.59 | 0.17  | ug/m3 |
| 108-10-1  | 100.2  | Methyl Isobutyl Ketone    | ND     | 0.20  | 0.029 | ppbv  |   | ND     | 0.82 | 0.12  | ug/m3 |
| 1634-04-4 | 88.15  | Methyl Tert Butyl Ether   | ND     | 0.20  | 0.017 | ppbv  |   | ND     | 0.72 | 0.061 | ug/m3 |
| 80-62-6   | 100.12 | Methylmethacrylate        | ND     | 0.20  | 0.040 | ppbv  |   | ND     | 0.82 | 0.16  | ug/m3 |
| 115-07-1  | 42     | Propylene                 | ND     | 0.50  | 0.031 | ppbv  |   | ND     | 0.86 | 0.053 | ug/m3 |
| 100-42-5  | 104.1  | Styrene                   | 0.23   | 0.20  | 0.020 | ppbv  |   | 0.98   | 0.85 | 0.085 | ug/m3 |
| 71-55-6   | 133.4  | 1,1,1-Trichloroethane     | ND     | 0.20  | 0.016 | ppbv  |   | ND     | 1.1  | 0.087 | ug/m3 |
| 79-34-5   | 167.9  | 1,1,2,2-Tetrachloroethane | ND     | 0.20  | 0.030 | ppbv  |   | ND     | 1.4  | 0.21  | ug/m3 |
| 79-00-5   | 133.4  | 1,1,2-Trichloroethane     | ND     | 0.20  | 0.031 | ppbv  |   | ND     | 1.1  | 0.17  | ug/m3 |
| 120-82-1  | 181.5  | 1,2,4-Trichlorobenzene    | ND     | 0.20  | 0.079 | ppbv  |   | ND     | 1.5  | 0.59  | ug/m3 |
| 95-63-6   | 120.2  | 1,2,4-Trimethylbenzene    | 0.14   | 0.20  | 0.017 | ppbv  | J | 0.69   | 0.98 | 0.084 | ug/m3 |
| 108-67-8  | 120.2  | 1,3,5-Trimethylbenzene    | ND     | 0.20  | 0.015 | ppbv  |   | ND     | 0.98 | 0.074 | ug/m3 |
| 540-84-1  | 114.2  | 2,2,4-Trimethylpentane    | 4.1    | 0.20  | 0.021 | ppbv  |   | 19     | 0.93 | 0.098 | ug/m3 |
| 75-65-0   | 74.12  | Tertiary Butyl Alcohol    | 0.19   | 0.20  | 0.044 | ppbv  | J | 0.58   | 0.61 | 0.13  | ug/m3 |
| 127-18-4  | 165.8  | Tetrachloroethylene       | ND     | 0.040 | 0.029 | ppbv  |   | ND     | 0.27 | 0.20  | ug/m3 |
| 109-99-9  | 72.11  | Tetrahydrofuran           | ND     | 0.20  | 0.045 | ppbv  |   | ND     | 0.59 | 0.13  | ug/m3 |
| 108-88-3  | 92.14  | Toluene                   | 0.48   | 0.20  | 0.020 | ppbv  |   | 1.8    | 0.75 | 0.075 | ug/m3 |
| 79-01-6   | 131.4  | Trichloroethylene         | ND     | 0.040 | 0.019 | ppbv  |   | ND     | 0.21 | 0.10  | ug/m3 |
| 75-69-4   | 137.4  | Trichlorofluoromethane    | 0.24   | 0.20  | 0.014 | ppbv  |   | 1.3    | 1.1  | 0.079 | ug/m3 |
| 75-01-4   | 62.5   | Vinyl chloride            | ND     | 0.20  | 0.017 | ppbv  |   | ND     | 0.51 | 0.043 | ug/m3 |
| 108-05-4  | 86     | Vinyl Acetate             | ND     | 0.20  | 0.058 | ppbv  |   | ND     | 0.70 | 0.20  | ug/m3 |
|           | 106.2  | m,p-Xylene                | 0.37   | 0.20  | 0.032 | ppbv  |   | 1.6    | 0.87 | 0.14  | ug/m3 |
| 95-47-6   | 106.2  | o-Xylene                  | 0.14   | 0.20  | 0.019 | ppbv  | J | 0.61   | 0.87 | 0.083 | ug/m3 |
| 1330-20-7 | 106.2  | Xylenes (total)           | 0.50   | 0.20  | 0.019 | ppbv  |   | 2.2    | 0.87 | 0.083 | ug/m3 |

| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 101%   |        | 65-128% |

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

## Misc. Forms

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### Custody Documents and Other Forms

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**Includes the following where applicable:**

- Chain of Custody
- Summa Canister and Flow Controller Log

Air



# CHAIN OF CUSTODY

## Air Sampling Field Data Sheet

FED-EX Tracking # 7701-3420-4225  
 Lab Quote # JB68191  
 Date: 5/14/2013  
 Time: 7:19

PAGE \_\_\_ OF \_\_\_

| Client / Reporting Information   |                                |                                   |                               |                        |                          | Weather Parameters   |                   |                         |                   |               | Requested Analysis                              |                   |                         |                   |               |   |
|--|--------------------------------|-----------------------------------|-------------------------------|------------------------|--------------------------|--|-------------------|-------------------------|-------------------|---------------|---|-------------------|-------------------------|-------------------|---------------|---|
| Company Name: Providence Engr  |                                |                                   | Project Name: Valero Refining |                        |                          | Temperature (Fahrenheit)   |                   |                         |                   |               | Requested Analysis                              |                   |                         |                   |               |   |
| Address: 1201 Main St  |                                |                                   | Street                        |                        |                          | Start: Maximum:  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| City: BIL State: LA Zip: 70802   |                                |                                   | City: Meroux State: LA        |                        |                          | Stop: Minimum:   |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Project Contact: paul.hollis@providenceeng.com   |                                |                                   | Project #: 712-001            |                        |                          | Atmospheric Pressure (inches of Hg)  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Phone #: 225 766-7403 Fax #: -7400   |                                |                                   | Client Purchase Order #       |                        |                          | Start: Maximum:  |                   |                         |                   |               | Standard TO-15 Reporting List                   |                   |                         |                   |               |   |
| Sampler(s) Name(s): Karen Hudson   |                                |                                   |                               |                        |                          | Stop: Minimum:   |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Other weather comment:   |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Lab Sample #   | Field ID / Point of Collection | Air Type                          |                               |                        |                          | Start Sampling Information   |                   |                         |                   |               | Stop Sampling Information                       |                   |                         |                   |               |   |
|  |                                | Indoor(I) Soil Vap(SV) Ambient(A) | Canister Serial #             | Canister Size FL or TL | Flow Controller Serial # | Date   | Time (24hr clock) | Canister Pressure ("Hg) | Interior Temp (F) | Sampler Init. | Date  | Time (24hr clock) | Canister Pressure ("Hg) | Interior Temp (F) | Sampler Init. |   |
| 1  | CAMS 168                       | A                                 | A1181                         | 6L                     | -                        | 5-21   | 1300              | 0.02                    | 75                | KH            | 5-22  | 1300              | 0.4275                  | 75                | KH            | ✓ |
| Sample Custody must be documented below each time samples change possession, including courier delivery. |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Turnaround time (Business days)  |                                |                                   |                               |                        |                          | Data Deliverable Information   |                   |                         |                   |               | Comments / Remarks                              |                   |                         |                   |               |   |
| Standard - 15 Days<br>10 Day<br>5 Day<br>3 Day<br>2 Day<br>1 Day<br>Other                                |                                |                                   |                               |                        |                          | Approved By: _____<br>Date: _____<br>All NJDEP TO-15 is mandatory Full T1<br>Comm A<br>Comm B<br>Reduced T2<br>Full T1<br>Other: _____ |                   |                         |                   |               | SUMMA<br>Received at Baton Rouge Service Center |                   |                         |                   |               |   |
| Relinquished by Laboratory: 1 Karen Johnson Date/Time: 5/14/13 1645                                      |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Relinquished by: 3 [Signature] Date/Time: [Blank] Received By: [Signature] Date/Time: [Blank]            |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Relinquished by: 5 [Signature] Date/Time: [Blank] Received By: [Signature] Date/Time: [Blank]            |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Relinquished By: 2 Date/Time: 5/22/13 11:40 Received By: 4 [Signature] Date/Time: 6-2-14                 |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |
| Relinquished By: 4 FEDEX Custody Seal # [Blank]  |                                |                                   |                               |                        |                          |  |                   |                         |                   |               |   |                   |                         |                   |               |   |

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JB68191: Chain of Custody

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**Accutest Job Number:** JB68191      **Client:** \_\_\_\_\_      **Project:** \_\_\_\_\_  
**Date / Time Received:** 6/2/2014      **Delivery Method:** \_\_\_\_\_      **Airbill #s:** \_\_\_\_\_

**Cooler Temps (Initial/Adjusted):**

| <u>Cooler Security</u>    | <u>Y or N</u>                       |                          | <u>Y or N</u>         |  |
|---------------------------|-------------------------------------|--------------------------|-----------------------|--|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> <input type="checkbox"/> |

| <u>Cooler Temperature</u>    | <u>Y or N</u>                       |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | _____                               |                          |
| 3. Cooler media:             | _____                               |                          |
| 4. No. Coolers:              | 0                                   |                          |

| <u>Quality Control Preservation</u> | <u>Y</u>                            | <u>or</u>                | <u>N</u>                            | <u>N/A</u> |
|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|------------|
| 1. Trip Blank present / cooler:     | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |            |
| 2. Trip Blank listed on COC:        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |            |
| 3. Samples preserved properly:      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |            |
| 4. VOCs headspace free:             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |            |

| <u>Sample Integrity - Documentation</u> | <u>Y or N</u>                       |                          |
|---|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y or N</u>                       |                          |
|-------------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:          | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for:    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:             | Intact                              |                          |

| <u>Sample Integrity - Instructions</u>    | <u>Y</u>                            | <u>or</u>                           | <u>N</u> | <u>N/A</u>                          |
|---|-------------------------------------|-------------------------------------|----------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |          |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |          |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |          |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            |          | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            |          | <input checked="" type="checkbox"/> |

Comments

3.1  
3

# Summa Canister and Flow Controller Log

**Job Number:** JB68191  
**Account:** PROVLABR Providence Engineering  
**Project:** Valero-CAMS, Baton Rouge, LA  
**Received:** 06/02/14

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| SUMMA CANISTERS |   |          |          |    |           |            |               |          |     |          |           |            |          |
|-----------------|---|----------|----------|----|-----------|------------|---------------|----------|-----|----------|-----------|------------|----------|
| Shipping        |   |          |          |    |           |            | Receiving     |          |     |          |           |            |          |
| Summa ID        | L | Vac " Hg | Date Out | By | SCC Batch | SCC FileID | Sample Number | Date In  | By  | Vac " Hg | Pres psig | Final psig | Dil Fact |
| A1181           | 6 | 29.4     | 05/08/14 | FZ | CP6999    | 5W4503.D   | JB68191-1     | 06/03/14 | YMH | 6.5      |           |            | 1        |

**Accutest Bottle Order(s):**  
 VP-5/8/2014-3

**Prep Date**      **Room Temp(F)**      **Bar Pres "Hg**  
 05/08/14      70      29.92