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Automated Report

Technical Report for

Providence Engineering

Valero Refining Meraux, LA

0718-001

SGS Job Number: JE29083

Sampling Date: 02/20/26

Report to:

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Total number of pages in report: 34



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 unless noted in the narrative, comments or footnotes.

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Technical Director

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Table of Contents

-1-

| | |
|---|-----------|
| Section 1: Sample Summary | 3 |
| Section 2: Sample Results | 4 |
| 2.1: JE29083-1: CAM 912 | 5 |
| Section 3: Misc. Forms | 7 |
| 3.1: Chain of Custody | 8 |
| 3.2: Summa Canister and Flow Controller Log | 10 |
| Section 4: MS Volatiles - QC Data Summaries | 11 |
| 4.1: Method Blank Summary | 12 |
| 4.2: Blank Spike/Blank Spike Duplicate Summary | 18 |
| 4.3: Duplicate Summary | 24 |
| 4.4: Summa Cleaning Certification | 27 |
| 4.5: Instrument Performance Checks (BFB) | 30 |
| 4.6: Surrogate Recovery Summaries | 34 |



Sample Summary

Providence Engineering

Job No: JE29083

Valero Refining Meraux, LA
Project No: 0718-001

| Sample Number | Collected Date | Time By | Received | Matrix Code Type | Client Sample ID |
|---------------|----------------|---------|----------|------------------|------------------|
|---------------|----------------|---------|----------|------------------|------------------|

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

| | | | | | | |
|-----------|----------|----------|----------|-----|-------------------|---------|
| JE29083-1 | 02/20/26 | 08:00 TM | 03/02/26 | AIR | Ambient Air Comp. | CAM 912 |
|-----------|----------|----------|----------|-----|-------------------|---------|

Sample Results

Report of Analysis

Report of Analysis

| | | |
|--|------------------------|--------------------------------|
| Client Sample ID: CAM 912 | | |
| Lab Sample ID: JE29083-1 | | Date Sampled: 02/20/26 |
| Matrix: AIR - Ambient Air Comp. | Summa ID: A2129 | Date Received: 03/02/26 |
| Method: TO-15 | | Percent Solids: n/a |
| Project: Valero Refining Meraux, LA | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------------|-----|-----------|------------|------------------|
| Run #1 | 2W70803.D | 1 | 03/11/26 21:19 | TCH | n/a | n/a | V2W3214 |
| 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 (2-Propanone) | 2.8 | 0.20 | 0.15 | ppbv | | 6.7 | 0.48 | 0.36 | ug/m3 |
| 106-99-0 | 54.09 | 1,3-Butadiene | ND | 0.20 | 0.084 | ppbv | | ND | 0.44 | 0.19 | ug/m3 |
| 71-43-2 | 78.11 | Benzene | 0.099 | 0.20 | 0.047 | ppbv | J | 0.32 | 0.64 | 0.15 | ug/m3 |
| 75-27-4 | 163.8 | Bromodichloromethane | ND | 0.20 | 0.030 | ppbv | | ND | 1.3 | 0.20 | ug/m3 |
| 75-25-2 | 252.8 | Bromoform | ND | 0.20 | 0.071 | ppbv | | ND | 2.1 | 0.73 | ug/m3 |
| 74-83-9 | 94.94 | Bromomethane | ND | 0.20 | 0.069 | ppbv | | ND | 0.78 | 0.27 | ug/m3 |
| 593-60-2 | 106.9 | Bromoethene | ND | 0.20 | 0.061 | ppbv | | ND | 0.87 | 0.27 | ug/m3 |
| 100-44-7 | 126 | Benzyl Chloride | ND | 0.20 | 0.13 | ppbv | | ND | 1.0 | 0.67 | ug/m3 |
| 75-15-0 | 76.14 | Carbon disulfide | ND | 0.20 | 0.11 | ppbv | | ND | 0.62 | 0.34 | ug/m3 |
| 108-90-7 | 112.6 | Chlorobenzene | ND | 0.20 | 0.074 | ppbv | | ND | 0.92 | 0.34 | ug/m3 |
| 75-00-3 | 64.52 | Chloroethane | ND | 0.20 | 0.068 | ppbv | | ND | 0.53 | 0.18 | ug/m3 |
| 67-66-3 | 119.4 | Chloroform | ND | 0.20 | 0.037 | ppbv | | ND | 0.98 | 0.18 | ug/m3 |
| 74-87-3 | 50.49 | Chloromethane | 0.69 | 0.20 | 0.090 | ppbv | | 1.4 | 0.41 | 0.19 | ug/m3 |
| 107-05-1 | 76.53 | 3-Chloropropene | ND | 0.20 | 0.083 | ppbv | | ND | 0.63 | 0.26 | ug/m3 |
| 95-49-8 | 126.6 | 2-Chlorotoluene | ND | 0.20 | 0.072 | ppbv | | ND | 1.0 | 0.37 | ug/m3 |
| 56-23-5 | 153.8 | Carbon tetrachloride | ND | 0.20 | 0.040 | ppbv | | ND | 1.3 | 0.25 | ug/m3 |
| 110-82-7 | 84.16 | Cyclohexane | 0.097 | 0.20 | 0.045 | ppbv | J | 0.33 | 0.69 | 0.15 | ug/m3 |
| 75-34-3 | 98.96 | 1,1-Dichloroethane | ND | 0.20 | 0.057 | ppbv | | ND | 0.81 | 0.23 | ug/m3 |
| 75-35-4 | 96.94 | 1,1-Dichloroethylene | ND | 0.20 | 0.059 | ppbv | | ND | 0.79 | 0.23 | ug/m3 |
| 106-93-4 | 187.9 | 1,2-Dibromoethane (EDB) | ND | 0.20 | 0.030 | ppbv | | ND | 1.5 | 0.23 | ug/m3 |
| 107-06-2 | 98.96 | 1,2-Dichloroethane | ND | 0.20 | 0.070 | ppbv | | ND | 0.81 | 0.28 | ug/m3 |
| 78-87-5 | 113 | 1,2-Dichloropropane | ND | 0.20 | 0.062 | ppbv | | ND | 0.92 | 0.29 | ug/m3 |
| 123-91-1 | 88.12 | 1,4-Dioxane | ND | 0.20 | 0.048 | ppbv | | ND | 0.72 | 0.17 | ug/m3 |
| 75-71-8 | 120.9 | Dichlorodifluoromethane | 0.41 | 0.20 | 0.10 | ppbv | | 2.0 | 0.99 | 0.49 | ug/m3 |
| 124-48-1 | 208.3 | Dibromochloromethane | ND | 0.20 | 0.12 | ppbv | | ND | 1.7 | 1.0 | ug/m3 |
| 156-60-5 | 96.94 | trans-1,2-Dichloroethylene | ND | 0.20 | 0.069 | ppbv | | ND | 0.79 | 0.27 | ug/m3 |
| 156-59-2 | 96.94 | cis-1,2-Dichloroethylene | ND | 0.20 | 0.030 | ppbv | | ND | 0.79 | 0.12 | ug/m3 |
| 10061-01-5 | 111 | cis-1,3-Dichloropropene | ND | 0.20 | 0.062 | ppbv | | ND | 0.91 | 0.28 | ug/m3 |
| 541-73-1 | 147 | m-Dichlorobenzene | ND | 0.20 | 0.028 | ppbv | | ND | 1.2 | 0.17 | ug/m3 |
| 95-50-1 | 147 | o-Dichlorobenzene | ND | 0.20 | 0.069 | ppbv | | ND | 1.2 | 0.41 | ug/m3 |
| 106-46-7 | 147 | p-Dichlorobenzene | ND | 0.20 | 0.079 | ppbv | | ND | 1.2 | 0.47 | ug/m3 |
| 10061-02-6 | 111 | trans-1,3-Dichloropropene | ND | 0.20 | 0.10 | ppbv | | ND | 0.91 | 0.45 | ug/m3 |

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|------------------------|--------------------------------|
| Client Sample ID: CAM 912 | | |
| Lab Sample ID: JE29083-1 | | Date Sampled: 02/20/26 |
| Matrix: AIR - Ambient Air Comp. | Summa ID: A2129 | Date Received: 03/02/26 |
| Method: TO-15 | | Percent Solids: n/a |
| Project: Valero Refining Meraux, LA | | |

VOA TO15 List

| CAS No. | MW | Compound | Result | RL | MDL | Units | Q | Result | RL | MDL | Units |
|-----------|--------|---------------------------|--------|-------|-------|-------|---|--------|------|-------|-------|
| 64-17-5 | 46.07 | Ethanol | 5.6 | 0.50 | 0.39 | ppbv | | 11 | 0.94 | 0.73 | ug/m3 |
| 100-41-4 | 106.2 | Ethylbenzene | ND | 0.20 | 0.061 | ppbv | | ND | 0.87 | 0.26 | ug/m3 |
| 141-78-6 | 88 | Ethyl Acetate | ND | 0.20 | 0.10 | ppbv | | ND | 0.72 | 0.36 | ug/m3 |
| 622-96-8 | 120.19 | 4-Ethyltoluene | ND | 0.20 | 0.095 | ppbv | | ND | 0.98 | 0.47 | ug/m3 |
| 76-13-1 | 187.4 | Freon 113 | ND | 0.20 | 0.031 | ppbv | | ND | 1.5 | 0.24 | ug/m3 |
| 76-14-2 | 170.9 | Freon 114 | ND | 0.20 | 0.050 | ppbv | | ND | 1.4 | 0.35 | ug/m3 |
| 142-82-5 | 100.2 | Heptane | 0.15 | 0.20 | 0.091 | ppbv | J | 0.61 | 0.82 | 0.37 | ug/m3 |
| 87-68-3 | 260.8 | Hexachlorobutadiene | ND | 0.20 | 0.062 | ppbv | | ND | 2.1 | 0.66 | ug/m3 |
| 110-54-3 | 86.18 | Hexane | 0.27 | 0.20 | 0.052 | ppbv | | 0.95 | 0.70 | 0.18 | ug/m3 |
| 591-78-6 | 100 | 2-Hexanone | ND | 0.20 | 0.15 | ppbv | | ND | 0.82 | 0.61 | ug/m3 |
| 67-63-0 | 60.1 | Isopropyl Alcohol | 0.32 | 0.20 | 0.14 | ppbv | | 0.79 | 0.49 | 0.34 | ug/m3 |
| 75-09-2 | 84.94 | Methylene chloride | ND | 0.20 | 0.13 | ppbv | | ND | 0.69 | 0.45 | ug/m3 |
| 78-93-3 | 72.11 | Methyl ethyl ketone | 0.26 | 0.20 | 0.052 | ppbv | | 0.77 | 0.59 | 0.15 | ug/m3 |
| 108-10-1 | 100.2 | Methyl Isobutyl Ketone | ND | 0.20 | 0.073 | ppbv | | ND | 0.82 | 0.30 | ug/m3 |
| 1634-04-4 | 88.15 | Methyl Tert Butyl Ether | ND | 0.20 | 0.080 | ppbv | | ND | 0.72 | 0.29 | ug/m3 |
| 80-62-6 | 100.12 | Methylmethacrylate | ND | 0.20 | 0.070 | ppbv | | ND | 0.82 | 0.29 | ug/m3 |
| 115-07-1 | 42 | Propylene | ND | 0.50 | 0.048 | ppbv | | ND | 0.86 | 0.082 | ug/m3 |
| 100-42-5 | 104.1 | Styrene | ND | 0.20 | 0.053 | ppbv | | ND | 0.85 | 0.23 | ug/m3 |
| 71-55-6 | 133.4 | 1,1,1-Trichloroethane | ND | 0.20 | 0.078 | ppbv | | ND | 1.1 | 0.43 | ug/m3 |
| 79-34-5 | 167.85 | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.048 | ppbv | | ND | 1.4 | 0.33 | ug/m3 |
| 79-00-5 | 133.4 | 1,1,2-Trichloroethane | ND | 0.20 | 0.038 | ppbv | | ND | 1.1 | 0.21 | ug/m3 |
| 120-82-1 | 181.5 | 1,2,4-Trichlorobenzene | ND | 0.20 | 0.12 | ppbv | | ND | 1.5 | 0.89 | ug/m3 |
| 95-63-6 | 120.19 | 1,2,4-Trimethylbenzene | ND | 0.20 | 0.087 | ppbv | | ND | 0.98 | 0.43 | ug/m3 |
| 108-67-8 | 120.19 | 1,3,5-Trimethylbenzene | ND | 0.20 | 0.080 | ppbv | | ND | 0.98 | 0.39 | ug/m3 |
| 540-84-1 | 114.2 | 2,2,4-Trimethylpentane | ND | 0.20 | 0.040 | ppbv | | ND | 0.93 | 0.19 | ug/m3 |
| 75-65-0 | 74.12 | Tertiary Butyl Alcohol | ND | 0.20 | 0.093 | ppbv | | ND | 0.61 | 0.28 | ug/m3 |
| 127-18-4 | 165.8 | Tetrachloroethylene | ND | 0.040 | 0.030 | ppbv | | ND | 0.27 | 0.20 | ug/m3 |
| 109-99-9 | 72.11 | Tetrahydrofuran | ND | 0.20 | 0.090 | ppbv | | ND | 0.59 | 0.27 | ug/m3 |
| 108-88-3 | 92.14 | Toluene | 0.28 | 0.20 | 0.057 | ppbv | | 1.1 | 0.75 | 0.21 | 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 | 0.20 | 0.20 | 0.057 | ppbv | | 1.1 | 1.1 | 0.32 | ug/m3 |
| 75-01-4 | 62.5 | Vinyl chloride | ND | 0.20 | 0.069 | ppbv | | ND | 0.51 | 0.18 | ug/m3 |
| 108-05-4 | 86 | Vinyl Acetate | ND | 0.20 | 0.11 | ppbv | | ND | 0.70 | 0.39 | ug/m3 |
| | 106.2 | m,p-Xylene | 0.14 | 0.20 | 0.14 | ppbv | J | 0.61 | 0.87 | 0.61 | ug/m3 |
| 95-47-6 | 106.2 | o-Xylene | ND | 0.20 | 0.077 | ppbv | | ND | 0.87 | 0.33 | ug/m3 |
| 1330-20-7 | 106.2 | Xylenes (total) | 0.14 | 0.20 | 0.077 | ppbv | J | 0.61 | 0.87 | 0.33 | ug/m3 |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 102% | | 65-128% |

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

