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Automated Report

Technical Report for

Providence Engineering

Valero Refining Meraux,LA

712-001

SGS Job Number: JE43148

Sampling Date: 10/06/26



Report to:

Providence Engineering
1201 Main Street
Baton Rouge, LA 70802
brandonkilpatrick@providenceeng.com; daylansenecal@providenceeng.com

ATTN: Brandon Kilpatrick

Total number of pages in report: 36

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.

Olga Azarian
Technical Director

Client Service contact: Alexander Moscaritolo 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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SGS North America Inc.

Sample Summary

Providence Engineering

Job No: JE43148

Valero Refining Meraux,LA
Project No: 712-001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE43148-1	10/06/26	07:15	EH	10/09/26	AIR	Ambient Air Comp.	CAM 950

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

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Providence Engineering	**Job No:**	JE43148
Site:	Valero Refining Meraux,LA	**Report Date**	10/15/2026 4:20:48 A

On 10/09/2026, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. An SGS Job Number of JE43148 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR **Batch ID:** V7W824

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE43103-2DUP were used as the QC samples indicated.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	CAM 950		
Lab Sample ID:	JE43148-1	**Date Sampled:**	10/06/26
Matrix:	AIR - Ambient Air Comp. Summa ID: M150	**Date Received:**	10/09/26
Method:	TO-15	**Percent Solids:**	n/a
Project:	Valero Refining Meraux,LA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W23283.D	1	10/13/26 08:32	WC	n/a	n/a	V7W824
Run #2							

	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)	8.5	0.20	0.15	ppbv		20	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	ND	0.20	0.047	ppbv		ND	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.060	ppbv		ND	1.3	0.40	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.19	ppbv		ND	2.1	2.0	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	0.88	0.20	0.090	ppbv		1.8	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	ND	0.20	0.045	ppbv		ND	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	0.50	0.20	0.10	ppbv		2.5	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	0.16	0.20	0.030	ppbv	J	0.63	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
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:	CAM 950		
Lab Sample ID:	JE43148-1	**Date Sampled:**	10/06/26
Matrix:	AIR - Ambient Air Comp. Summa ID: M150	**Date Received:**	10/09/26
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	2.2	0.50	0.39	ppbv		4.1	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	0.70	0.20	0.10	ppbv		2.5	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	ND	0.20	0.091	ppbv		ND	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	0.24	0.20	0.052	ppbv		0.85	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	0.17	0.20	0.15	ppbv	J	0.70	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.30	0.20	0.14	ppbv		0.74	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.62	0.20	0.13	ppbv		2.2	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.2	0.20	0.052	ppbv		9.4	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	0.10	0.20	0.093	ppbv	J	0.30	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.073	0.040	0.030	ppbv		0.50	0.27	0.20	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.16	0.20	0.090	ppbv	J	0.47	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	0.12	0.20	0.057	ppbv	J	0.45	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	0.057	0.040	0.019	ppbv		0.31	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.22	0.20	0.057	ppbv		1.2	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	0.28	0.20	0.11	ppbv		0.98	0.70	0.39	ug/m3
	106.2	m,p-Xylene	ND	0.20	0.14	ppbv		ND	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)	ND	0.20	0.077	ppbv		ND	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		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

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

SGS

Initial Assessment HB-CJR

Label Verification

AIR CHAIN OF CUSTODY

Air

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

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FED-EX Tracking # 530197054804

Bottle Order Control # EN-59276-10

SGS Quote #

SGS Job # JE43148

Client / Reporting Information	Project Information	Weather Parameters	Requested Analysis
Company Name: Providence Engineering	Project Name: Valero Refining	Temperature (Fahrenheit) Start: Maximum: Stop: Minimum:	
Address: 11124 Julia Hubin Dr	Street		
City: Baton Rouge State: LA Zip: 70809	City: Meraux State: LA	Atmoshpheric Pressure (inches of Hg) Start: Maximum: Stop: Minimum:	
Project Contact: Brandon Kilpatrick E-mail: Brandon@providenceeng.com	Project #: 712-001		
Phone #: (225) 766-7400 Fax #	Client Purchase Order #	Other weather comment:	
Sampler(s) Name(s): Emily Hardy			TO-15

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor (I) Soil Vap (SV) Ambient (A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	TO-15
1	CAM950	A	M150	6L	687	2026 10/5	0715	30	79	EH	2026 10/6	0715	5	74	EH	X

Turnaround Time (Business days)

- Standard - 15 Days
- 10 Day
- 5 Day
- 3 Day
- 2 Day
- 1 Day
- Other

Approved By: _____

Date: _____

Data Deliverable Information

All NJDEP TO-15 is Mandatory Full T1

- Comm A
- Comm B
- Reduced T2
- Full T1
- Other:
- DKQP reporting

Comments / Remarks

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory: 1	Date Time: 9/30/26 1550	Received By:	Relinquished By: 2 Emily Hardy	Date Time: 10/6/26 1412	Received By: 2 Fedex
Relinquished by: 3 Fedex	Date Time: 10.09.26 0940	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #		

Form:SM088-03D (revised 2-12-18)

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JE43148: Chain of Custody
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