284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3083
Instrument ID: MSVOA_N
Calibration Date/Time: 09/15/2025 08:39
Lab File ID: VN087820.D
Init. Calib. Date(s): 08/21/2025 08/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:09 14:44
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.674		-5.07	20
Chloromethane	0.730	0.685	0.1	-6.16	20
Vinyl Chloride	0.846	0.784		-7.33	20
Bromomethane	0.437	0.354		-18.99	20
Chloroethane	0.595	0.533		-10.42	20
Trichlorofluoromethane	1.240	1.187		-4.27	20
1,1,2-Trichlorotrifluoroethane	0.701	0.651		-7.13	20
1,1-Dichloroethene	0.721	0.665		-7.77	20
Acetone	0.558	0.511		-8.42	20
Carbon Disulfide	1.985	1.956		-1.46	20
Methyl tert-butyl Ether	2.704	2.560		-5.32	20
Methyl Acetate	1.168	1.112		-4.8	20
Methylene Chloride	0.948	0.796		-16.03	20
trans-1,2-Dichloroethene	0.781	0.739		-5.38	20
1,1-Dichloroethane	1.546	1.420	0.1	-8.15	20
Cyclohexane	1.289	1.117		-13.34	20
2-Butanone	0.734	0.692		-5.72	20
Carbon Tetrachloride	0.547	0.551		0.73	20
cis-1,2-Dichloroethene	0.934	0.888		-4.93	20
Bromochloromethane	0.747	0.731		-2.14	20
Chloroform	1.578	1.540		-2.41	20
1,1,1-Trichloroethane	1.337	1.270		-5.01	20
Methylcyclohexane	0.610	0.567		-7.05	20
Benzene	1.699	1.692		-0.41	20
1,2-Dichloroethane	0.653	0.615		-5.82	20
Trichloroethene	0.388	0.380		-2.06	20
1,2-Dichloropropane	0.448	0.427		-4.69	20
Bromodichloromethane	0.653	0.644		-1.38	20
4-Methyl-2-Pentanone	0.713	0.714		0.14	20
Toluene	1.053	1.045		-0.76	20
t-1,3-Dichloropropene	0.676	0.681		0.74	20
cis-1,3-Dichloropropene	0.702	0.706		0.57	20
1,1,2-Trichloroethane	0.407	0.423		3.93	20
2-Hexanone	0.451	0.493		9.31	20
Dibromochloromethane	0.472	0.494		4.66	20
1,2-Dibromoethane	0.430	0.445		3.49	20
Tetrachloroethene	0.347	0.329		-5.19	20
Chlorobenzene	1.244	1.210	0.3	-2.73	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.154	2.096		-2.69	20
m/p-Xylenes	0.790	0.800		1.27	20
o-Xylene	0.774	0.760		-1.81	20
Styrene	1.297	1.352		4.24	20
Bromoform	0.317	0.354	0.1	11.67	20
Isopropylbenzene	4.040	3.523		-12.8	20
1,1,2,2-Tetrachloroethane	1.391	1.270	0.3	-8.7	20
1,3-Dichlorobenzene	1.876	1.742		-7.14	20
1,4-Dichlorobenzene	1.952	1.779		-8.86	20
1,2-Dichlorobenzene	1.780	1.694		-4.83	20
1,2-Dibromo-3-Chloropropane	0.330	0.283		-14.24	20
1,2,4-Trichlorobenzene	1.069	1.018		-4.77	20
1,2,3-Trichlorobenzene	1.045	0.985		-5.74	20
1,2-Dichloroethane-d4	1.024	1.010		-1.37	20
Dibromofluoromethane	0.361	0.390		8.03	20
Toluene-d8	1.351	1.382		2.3	20
4-Bromofluorobenzene	0.481	0.505		4.99	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.