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.: Q3058
Instrument ID: MSVOA_N
Calibration Date/Time: 09/10/2025 11:47
Lab File ID: VN087774.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	0.610		-14.09	20
Chloromethane	0.730	0.651	0.1	-10.82	20
Vinyl Chloride	0.846	0.733		-13.36	20
Bromomethane	0.437	0.399		-8.7	20
Chloroethane	0.595	0.515		-13.44	20
Trichlorofluoromethane	1.240	1.154		-6.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.632		-9.84	20
1,1-Dichloroethene	0.721	0.641		-11.1	20
Acetone	0.558	0.461		-17.38	20
Carbon Disulfide	1.985	1.593		-19.75	20
Methyl tert-butyl Ether	2.704	2.578		-4.66	20
Methyl Acetate	1.168	1.280		9.59	20
Methylene Chloride	0.948	0.752		-20.67	20
trans-1,2-Dichloroethene	0.781	0.691		-11.52	20
1,1-Dichloroethane	1.546	1.426	0.1	-7.76	20
Cyclohexane	1.289	1.032		-19.94	20
2-Butanone	0.734	0.668		-8.99	20
Carbon Tetrachloride	0.547	0.536		-2.01	20
cis-1,2-Dichloroethene	0.934	0.870		-6.85	20
Bromochloromethane	0.747	0.716		-4.15	20
Chloroform	1.578	1.527		-3.23	20
1,1,1-Trichloroethane	1.337	1.246		-6.81	20
Methylcyclohexane	0.610	0.519		-14.92	20
Benzene	1.699	1.610		-5.24	20
1,2-Dichloroethane	0.653	0.618		-5.36	20
Trichloroethene	0.388	0.359		-7.47	20
1,2-Dichloropropane	0.448	0.419		-6.47	20
Dibromomethane	0.319	0.315		-1.25	20
Bromodichloromethane	0.653	0.651		-0.31	20
4-Methyl-2-Pentanone	0.713	0.712		-0.14	20
Toluene	1.053	1.008		-4.27	20
t-1,3-Dichloropropene	0.676	0.671		-0.74	20
cis-1,3-Dichloropropene	0.702	0.684		-2.56	20
1,1,2-Trichloroethane	0.407	0.420		3.19	20
2-Hexanone	0.451	0.481		6.65	20
1,2-Dibromoethane	0.430	0.430		0	20
Tetrachloroethene	0.347	0.301		-13.26	20
Chlorobenzene	1.244	1.159	0.3	-6.83	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	1.995		-7.38	20
m/p-Xylenes	0.790	0.761		-3.67	20
o-Xylene	0.774	0.730		-5.68	20
Styrene	1.297	1.300		0.23	20
Bromoform	0.317	0.332	0.1	4.73	20
Isopropylbenzene	4.040	3.630		-10.15	20
1,1,2,2-Tetrachloroethane	1.391	1.305	0.3	-6.18	20
1,3-Dichlorobenzene	1.876	1.776		-5.33	20
1,4-Dichlorobenzene	1.952	1.790		-8.3	20
1,2-Dichlorobenzene	1.780	1.690		-5.06	20
1,2-Dibromo-3-Chloropropane	0.330	0.291		-11.82	20
1,2,4-Trichlorobenzene	1.069	1.007		-5.8	20
1,2,3-Trichlorobenzene	1.045	0.990		-5.26	20
1,2-Dichloroethane-d4	1.024	0.986		-3.71	20
Dibromofluoromethane	0.361	0.374		3.6	20
Toluene-d8	1.351	1.346		-0.37	20
4-Bromofluorobenzene	0.481	0.487		1.25	20

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