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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCAL01
Lab Code: ACE
SDG No.: Q3150
Instrument ID: MSVOA_W
Calibration Date/Time: 09/22/2025 08:47
Lab File ID: VW032223.D
Init. Calib. Date(s): 08/26/2025 08/26/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:39 12:34
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.330	0.287		-13.03	20
Chloromethane	0.346	0.337	0.1	-2.6	20
Vinyl Chloride	0.450	0.475		5.56	20
Bromomethane	0.401	0.396		-1.25	20
Chloroethane	0.317	0.339		6.94	20
Trichlorofluoromethane	0.445	0.519		16.63	20
1,1,2-Trichlorotrifluoroethane	0.502	0.509		1.39	20
1,1-Dichloroethene	0.528	0.532		0.76	20
Acetone	0.155	0.152		-1.93	20
Carbon Disulfide	1.322	1.216		-8.02	20
Methyl tert-butyl Ether	0.998	0.977		-2.1	20
Methyl Acetate	0.493	0.538		9.13	20
Methylene Chloride	0.725	0.582		-19.72	20
trans-1,2-Dichloroethene	0.590	0.556		-5.76	20
1,1-Dichloroethane	1.070	1.027	0.1	-4.02	20
Cyclohexane	0.878	0.797		-9.23	20
2-Butanone	0.219	0.207		-5.48	20
Carbon Tetrachloride	0.488	0.494		1.23	20
cis-1,2-Dichloroethene	0.718	0.670		-6.68	20
Bromochloromethane	0.490	0.499		1.84	20
Chloroform	1.221	1.178		-3.52	20
1,1,1-Trichloroethane	0.891	0.895		0.45	20
Methylcyclohexane	0.539	0.525		-2.6	20
Benzene	1.406	1.378		-1.99	20
1,2-Dichloroethane	0.487	0.472		-3.08	20
Trichloroethene	0.354	0.326		-7.91	20
1,2-Dichloropropane	0.339	0.330		-2.65	20
Bromodichloromethane	0.540	0.534		-1.11	20
4-Methyl-2-Pentanone	0.289	0.288		-0.35	20
Toluene	0.919	0.899		-2.18	20
t-1,3-Dichloropropene	0.477	0.477		0	20
cis-1,3-Dichloropropene	0.544	0.542		-0.37	20
1,1,2-Trichloroethane	0.309	0.301		-2.59	20
2-Hexanone	0.201	0.205		1.99	20
Dibromochloromethane	0.374	0.365		-2.41	20
1,2-Dibromoethane	0.304	0.288		-5.26	20
Tetrachloroethene	0.329	0.298		-9.42	20
Chlorobenzene	1.138	1.058	0.3	-7.03	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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Ethyl Benzene	1.865	1.813		-2.79	20
m/p-Xylenes	0.718	0.698		-2.79	20
o-Xylene	0.679	0.667		-1.77	20
Styrene	1.197	1.173		-2.01	20
Bromoform	0.223	0.214	0.1	-4.04	20
Isopropylbenzene	3.397	3.408		0.32	20
1,1,2,2-Tetrachloroethane	0.807	0.790	0.3	-2.11	20
1,3-Dichlorobenzene	1.744	1.629		-6.59	20
1,4-Dichlorobenzene	1.748	1.701		-2.69	20
1,2-Dichlorobenzene	1.544	1.510		-2.2	20
1,2-Dibromo-3-Chloropropane	0.143	0.133		-6.99	20
1,2,4-Trichlorobenzene	0.987	0.898		-9.02	20
1,2,3-Trichlorobenzene	0.918	0.853		-7.08	20
1,2-Dichloroethane-d4	0.715	0.679		-5.03	20
Dibromofluoromethane	0.351	0.344		-1.99	20
Toluene-d8	1.231	1.181		-4.06	20
4-Bromofluorobenzene	0.455	0.434		-4.61	20

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