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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: LANG01
Lab Code: ACE
SDG No.: Q3310
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/09/2025 08:47
Lab File ID: VY023407.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.325		-9.72	20
Chloromethane	0.490	0.457	0.1	-6.74	20
Vinyl Chloride	0.639	0.603		-5.63	20
Bromomethane	0.536	0.486		-9.33	20
Chloroethane	0.435	0.429		-1.38	20
Trichlorofluoromethane	0.887	0.840		-5.3	20
1,1,2-Trichlorotrifluoroethane	0.460	0.464		0.87	20
1,1-Dichloroethene	0.446	0.439		-1.57	20
Acetone	0.100	0.108		8	20
Carbon Disulfide	1.277	1.281		0.31	20
Methyl tert-butyl Ether	1.072	1.059		-1.21	20
Methyl Acetate	0.261	0.259		-0.77	20
Methylene Chloride	0.538	0.497		-7.62	20
trans-1,2-Dichloroethene	0.491	0.501		2.04	20
1,1-Dichloroethane	0.796	0.803	0.1	0.88	20
Cyclohexane	0.696	0.654		-6.03	20
2-Butanone	0.122	0.121		-0.82	20
Carbon Tetrachloride	0.493	0.516		4.66	20
cis-1,2-Dichloroethene	0.567	0.579		2.12	20
Bromochloromethane	0.297	0.276		-7.07	20
Chloroform	0.875	0.894		2.17	20
1,1,1-Trichloroethane	0.795	0.802		0.88	20
Methylcyclohexane	0.530	0.548		3.4	20
Benzene	1.288	1.342		4.19	20
1,2-Dichloroethane	0.332	0.340		2.41	20
Trichloroethene	0.377	0.386		2.39	20
1,2-Dichloropropane	0.285	0.296		3.86	20
Bromodichloromethane	0.453	0.475		4.86	20
4-Methyl-2-Pentanone	0.166	0.174		4.82	20
Toluene	0.836	0.894		6.94	20
t-1,3-Dichloropropene	0.394	0.411		4.32	20
cis-1,3-Dichloropropene	0.465	0.487		4.73	20
1,1,2-Trichloroethane	0.242	0.255		5.37	20
2-Hexanone	0.119	0.126		5.88	20
Dibromochloromethane	0.339	0.355		4.72	20
1,2-Dibromoethane	0.231	0.241		4.33	20
Tetrachloroethene	0.516	0.534		3.49	20
Chlorobenzene	1.087	1.103	0.3	1.47	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	1.760	1.836		4.32	20
m/p-Xylenes	0.706	0.745		5.52	20
o-Xylene	0.662	0.689		4.08	20
Styrene	1.089	1.151		5.69	20
Bromoform	0.240	0.243	0.1	1.25	20
Isopropylbenzene	3.295	3.452		4.76	20
1,1,2,2-Tetrachloroethane	0.539	0.537	0.3	-0.37	20
1,3-Dichlorobenzene	1.706	1.710		0.23	20
1,4-Dichlorobenzene	1.685	1.673		-0.71	20
1,2-Dichlorobenzene	1.496	1.512		1.07	20
1,2-Dibromo-3-Chloropropane	0.088	0.085		-3.41	20
1,2,4-Trichlorobenzene	0.932	0.876		-6.01	20
1,2,3-Trichlorobenzene	0.808	0.755		-6.56	20
1,2-Dichloroethane-d4	0.418	0.413		-1.2	20
Dibromofluoromethane	0.307	0.317		3.26	20
Toluene-d8	1.144	1.201		4.98	20
4-Bromofluorobenzene	0.378	0.383		1.32	20

All other compounds must meet a minimum RRF of 0.010.
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