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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: PACI01
Lab Code: ACE
SDG No.: Q3574
Instrument ID: MSVOA_X
Calibration Date/Time: 11/12/2025 09:11
Lab File ID: VX048563.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.446		10.12	20
Chloromethane	0.537	0.526	0.1	-2.05	20
Vinyl Chloride	0.608	0.618		1.64	20
Bromomethane	0.384	0.420		9.38	20
Chloroethane	0.398	0.386		-3.02	20
Trichlorofluoromethane	0.963	0.948		-1.56	20
1,1,2-Trichlorotrifluoroethane	0.557	0.563		1.08	20
1,1-Dichloroethene	0.582	0.567		-2.58	20
Acetone	0.330	0.350		6.06	20
Carbon Disulfide	1.638	1.508		-7.94	20
Methyl tert-butyl Ether	2.055	2.133		3.8	20
Methyl Acetate	0.906	0.939		3.64	20
Methylene Chloride	0.678	0.665		-1.92	20
trans-1,2-Dichloroethene	0.617	0.597		-3.24	20
1,1-Dichloroethane	1.142	1.139	0.1	-0.26	20
Cyclohexane	0.936	0.914		-2.35	20
2-Butanone	0.488	0.514		5.33	20
Carbon Tetrachloride	0.577	0.530		-8.15	20
cis-1,2-Dichloroethene	0.754	0.736		-2.39	20
Bromochloromethane	0.561	0.496		-11.59	20
Chloroform	1.179	1.150		-2.46	20
1,1,1-Trichloroethane	1.029	0.987		-4.08	20
Methylcyclohexane	0.569	0.563		-1.05	20
Benzene	1.571	1.453		-7.51	20
1,2-Dichloroethane	0.538	0.514		-4.46	20
Trichloroethene	0.375	0.371		-1.07	20
1,2-Dichloropropane	0.361	0.374		3.6	20
Bromodichloromethane	0.526	0.562		6.84	20
4-Methyl-2-Pentanone	0.571	0.640		12.08	20
Toluene	0.827	0.901		8.95	20
t-1,3-Dichloropropene	0.541	0.579		7.02	20
cis-1,3-Dichloropropene	0.561	0.623		11.05	20
1,1,2-Trichloroethane	0.330	0.375		13.64	20
2-Hexanone	0.425	0.483		13.65	20
Dibromochloromethane	0.406	0.455		12.07	20
1,2-Dibromoethane	0.358	0.405		13.13	20
Tetrachloroethene	0.363	0.354		-2.48	20
Chlorobenzene	1.187	1.154	0.3	-2.78	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	1.993	1.956		-1.86	20
m/p-Xylenes	0.751	0.752		0.13	20
o-Xylene	0.734	0.718		-2.18	20
Styrene	1.232	1.251		1.54	20
Bromoform	0.367	0.371	0.1	1.09	20
Isopropylbenzene	3.629	3.705		2.09	20
1,1,2,2-Tetrachloroethane	1.280	1.282	0.3	0.16	20
1,3-Dichlorobenzene	1.756	1.737		-1.08	20
1,4-Dichlorobenzene	1.814	1.756		-3.2	20
1,2-Dichlorobenzene	1.686	1.668		-1.07	20
1,2-Dibromo-3-Chloropropane	0.297	0.298		0.34	20
1,2,4-Trichlorobenzene	1.120	1.082		-3.39	20
1,2,3-Trichlorobenzene	1.042	1.037		-0.48	20
1,2-Dichloroethane-d4	0.697	0.645		-7.46	20
Dibromofluoromethane	0.378	0.329		-12.96	20
Toluene-d8	1.180	1.121		-5	20
4-Bromofluorobenzene	0.440	0.422		-4.09	20

All other compounds must meet a minimum RRF of 0.010.
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