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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q3643
Instrument ID: MSVOA_X
Calibration Date/Time: 11/14/2025 08:47
Lab File ID: VX048602.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	0.481		18.76	20
Chloromethane	0.537	0.703	0.1	30.91	20
Vinyl Chloride	0.608	0.846		39.15	20
Ethyl Acetate	0.713	0.809		13.46	20
Bromomethane	0.384	0.596		55.21	20
Chloroethane	0.398	0.541		35.93	20
Trichlorofluoromethane	0.963	1.328		37.9	20
1,1,2-Trichlorotrifluoroethane	0.557	0.587		5.39	20
Tert butyl alcohol	0.132	0.156		18.18	20
1,1-Dichloroethene	0.582	0.613		5.33	20
Acrolein	0.019	0.026		36.84	20
Acrylonitrile	0.385	0.454		17.92	20
Acetone	0.330	0.363		10	20
Carbon Disulfide	1.638	1.563		-4.58	20
Methyl tert-butyl Ether	2.055	2.360		14.84	20
Methyl Acetate	0.906	1.062		17.22	20
Methylene Chloride	0.678	0.708		4.43	20
trans-1,2-Dichloroethene	0.617	0.650		5.35	20
Vinyl Acetate	1.822	2.175		19.37	20
1,1-Dichloroethane	1.142	1.264	0.1	10.68	20
Cyclohexane	0.936	0.931		-0.53	20
2-Butanone	0.488	0.555		13.73	20
Carbon Tetrachloride	0.577	0.579		0.35	20
2,2-Dichloropropane	0.973	1.077		10.69	20
cis-1,2-Dichloroethene	0.754	0.786		4.24	20
Bromochloromethane	0.561	0.596		6.24	20
Chloroform	1.179	1.315		11.53	20
1,1,1-Trichloroethane	1.029	1.125		9.33	20
Methylcyclohexane	0.569	0.561		-1.41	20
1,1-Dichloropropene	0.507	0.487		-3.94	20
Benzene	1.571	1.539		-2.04	20
1,2-Dichloroethane	0.538	0.609		13.2	20
Trichloroethene	0.375	0.387		3.2	20
1,2-Dichloropropane	0.361	0.397		9.97	20
Dibromomethane	0.263	0.306		16.35	20
Bromodichloromethane	0.526	0.638		21.29	20
4-Methyl-2-Pentanone	0.571	0.714		25.04	20
Toluene	0.827	0.957		15.72	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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t-1,3-Dichloropropene	0.541	0.634		17.19	20
cis-1,3-Dichloropropene	0.561	0.663		18.18	20
1,1,2-Trichloroethane	0.330	0.405		22.73	20
1,3-Dichloropropane	0.575	0.671		16.7	20
2-Chloroethyl Vinyl ether	0.296	0.377		27.36	20
2-Hexanone	0.425	0.520		22.35	20
Dibromochloromethane	0.406	0.491		20.94	20
1,2-Dibromoethane	0.358	0.417		16.48	20
Tetrachloroethene	0.363	0.355		-2.2	20
Chlorobenzene	1.187	1.208	0.3	1.77	20
1,1,1,2-Tetrachloroethane	0.398	0.443		11.31	20
Hexachloroethane	0.606	0.616		1.65	20
Ethyl Benzene	1.993	2.078		4.26	20
m/p-Xylenes	0.751	0.784		4.39	20
o-Xylene	0.734	0.766		4.36	20
Styrene	1.232	1.327		7.71	20
Bromoform	0.367	0.392	0.1	6.81	20
Isopropylbenzene	3.629	3.093		-14.77	20
1,1,2,2-Tetrachloroethane	1.280	1.126	0.3	-12.03	20
1,2,3-Trichloropropane	1.128	1.088		-3.55	20
Bromobenzene	0.937	0.798		-14.84	20
n-propylbenzene	4.268	3.643		-14.64	20
2-Chlorotoluene	2.579	2.183		-15.35	20
1,3,5-Trimethylbenzene	2.959	2.992		1.12	20
4-Chlorotoluene	3.025	3.034		0.3	20
tert-Butylbenzene	3.060	2.865		-6.37	20
1,2,4-Trimethylbenzene	2.985	2.937		-1.61	20
sec-Butylbenzene	3.782	3.836		1.43	20
p-Isopropyltoluene	3.180	3.246		2.08	20
1,3-Dichlorobenzene	1.756	1.813		3.25	20
1,4-Dichlorobenzene	1.814	1.844		1.65	20
n-Butylbenzene	2.983	2.966		-0.57	20
1,2-Dichlorobenzene	1.686	1.730		2.61	20
1,2-Dibromo-3-Chloropropane	0.297	0.310		4.38	20
1,2,4-Trichlorobenzene	1.120	1.091		-2.59	20
Hexachlorobutadiene	0.468	0.433		-7.48	20
Naphthalene	3.603	3.691		2.44	20
1,2,3-Trichlorobenzene	1.042	1.044		0.19	20

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1,2-Dichloroethane-d4	0.697	0.790		13.34	20
Dibromofluoromethane	0.378	0.376		-0.53	20
Toluene-d8	1.180	1.234		4.58	20
4-Bromofluorobenzene	0.440	0.456		3.64	20

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