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.: Q3087
Instrument ID: MSVOA_N
Calibration Date/Time: 09/16/2025 13:55
Lab File ID: VN087847.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	0.736		3.66	20
Chloromethane	0.730	0.729	0.1	-0.14	20
Vinyl Chloride	0.846	0.823		-2.72	20
Ethyl Acetate	0.757	0.798		5.42	20
Bromomethane	0.437	0.498		13.96	20
Chloroethane	0.595	0.553		-7.06	20
Trichlorofluoromethane	1.240	1.264		1.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.697		-0.57	20
Tert butyl alcohol	0.178	0.175		-1.68	20
1,1-Dichloroethene	0.721	0.682		-5.41	20
Acrolein	0.219	0.268		22.37	20
Acrylonitrile	0.502	0.506		0.8	20
Acetone	0.558	0.489		-12.37	20
Carbon Disulfide	1.985	1.984		-0.05	20
Methyl tert-butyl Ether	2.704	2.774		2.59	20
Methyl Acetate	1.168	1.247		6.76	20
Methylene Chloride	0.948	0.841		-11.29	20
trans-1,2-Dichloroethene	0.781	0.753		-3.59	20
Vinyl Acetate	2.565	2.543		-0.86	20
1,1-Dichloroethane	1.546	1.477	0.1	-4.46	20
Cyclohexane	1.289	1.230		-4.58	20
2-Butanone	0.734	0.712		-3	20
Carbon Tetrachloride	0.547	0.611		11.7	20
2,2-Dichloropropane	1.327	1.285		-3.16	20
cis-1,2-Dichloroethene	0.934	0.931		-0.32	20
Bromochloromethane	0.747	1.029		37.75	20
Chloroform	1.578	1.590		0.76	20
1,1,1-Trichloroethane	1.337	1.305		-2.39	20
Methylcyclohexane	0.610	0.672		10.16	20
1,1-Dichloropropene	0.554	0.565		1.99	20
Benzene	1.699	1.798		5.83	20
1,2-Dichloroethane	0.653	0.690		5.67	20
Trichloroethene	0.388	0.426		9.79	20
1,2-Dichloropropane	0.448	0.470		4.91	20
Dibromomethane	0.319	0.358		12.23	20
Bromodichloromethane	0.653	0.728		11.48	20
4-Methyl-2-Pentanone	0.713	0.781		9.54	20
Toluene	1.053	1.143		8.55	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
t-1,3-Dichloropropene	0.676	0.768		13.61	20
cis-1,3-Dichloropropene	0.702	0.788		12.25	20
1,1,2-Trichloroethane	0.407	0.467		14.74	20
1,3-Dichloropropane	0.721	0.797		10.54	20
2-Chloroethyl Vinyl ether	0.352	0.361		2.56	20
2-Hexanone	0.451	0.533		18.18	20
Dibromochloromethane	0.472	0.542		14.83	20
1,2-Dibromoethane	0.430	0.497		15.58	20
Tetrachloroethene	0.347	0.372		7.2	20
Chlorobenzene	1.244	1.326	0.3	6.59	20
1,1,1,2-Tetrachloroethane	0.413	0.486		17.68	20
Hexachloroethane	0.667	0.732		9.74	20
Ethyl Benzene	2.154	2.347		8.96	20
m/p-Xylenes	0.790	0.894		13.16	20
o-Xylene	0.774	0.861		11.24	20
Styrene	1.297	1.504		15.96	20
Bromoform	0.317	0.404	0.1	27.44	20
Isopropylbenzene	4.040	4.015		-0.62	20
1,1,2,2-Tetrachloroethane	1.391	1.401	0.3	0.72	20
1,2,3-Trichloropropane	1.173	1.131		-3.58	20
Bromobenzene	0.953	1.011		6.09	20
n-propylbenzene	4.977	5.031		1.09	20
2-Chlorotoluene	2.995	2.969		-0.87	20
1,3,5-Trimethylbenzene	3.428	3.499		2.07	20
4-Chlorotoluene	3.149	3.097		-1.65	20
tert-Butylbenzene	2.856	2.976		4.2	20
1,2,4-Trimethylbenzene	3.431	3.570		4.05	20
sec-Butylbenzene	4.239	4.449		4.95	20
p-Isopropyltoluene	3.500	3.716		6.17	20
1,3-Dichlorobenzene	1.876	1.967		4.85	20
1,4-Dichlorobenzene	1.952	2.018		3.38	20
n-Butylbenzene	3.476	3.684		5.98	20
1,2-Dichlorobenzene	1.780	1.885		5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.328		-0.61	20
1,2,4-Trichlorobenzene	1.069	1.207		12.91	20
Hexachlorobutadiene	0.381	0.458		20.21	20
Naphthalene	3.786	4.078		7.71	20
1,2,3-Trichlorobenzene	1.045	1.157		10.72	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	1.024	1.103		7.72	20
Dibromofluoromethane	0.361	0.457		26.59	20
Toluene-d8	1.351	1.598		18.28	20
4-Bromofluorobenzene	0.481	0.616		28.07	20

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