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.: Q2693
Instrument ID: MSVOA_X
Calibration Date/Time: 07/25/2025 09:40
Lab File ID: VX047128.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.670		0.9	20
Chloromethane	0.657	0.574	0.1	-12.63	20
Vinyl Chloride	0.706	0.702		-0.57	20
Ethyl Acetate	0.485	0.491		1.24	20
Bromomethane	0.384	0.362		-5.73	20
Chloroethane	0.464	0.414		-10.78	20
Trichlorofluoromethane	1.053	1.025		-2.66	20
1,1,2-Trichlorotrifluoroethane	0.634	0.614		-3.15	20
Tert butyl alcohol	0.080	0.069		-13.75	20
1,1-Dichloroethene	0.628	0.599		-4.62	20
Acrolein	0.134	0.164		22.39	20
Acrylonitrile	0.297	0.294		-1.01	20
Acetone	0.250	0.265		6	20
Carbon Disulfide	1.818	1.658		-8.8	20
Methyl tert-butyl Ether	1.912	1.952		2.09	20
Methyl Acetate	0.663	0.703		6.03	20
Methylene Chloride	0.686	0.645		-5.98	20
trans-1,2-Dichloroethene	0.643	0.607		-5.6	20
Vinyl Acetate	1.752	1.831		4.51	20
1,1-Dichloroethane	1.214	1.172	0.1	-3.46	20
Cyclohexane	1.164	1.062		-8.76	20
2-Butanone	0.363	0.359		-1.1	20
Carbon Tetrachloride	0.562	0.538		-4.27	20
2,2-Dichloropropane	0.940	0.943		0.32	20
cis-1,2-Dichloroethene	0.761	0.730		-4.07	20
Bromochloromethane	0.559	0.592		5.9	20
Chloroform	1.236	1.181		-4.45	20
1,1,1-Trichloroethane	1.074	1.035		-3.63	20
Methylcyclohexane	0.657	0.619		-5.78	20
1,1-Dichloropropene	0.526	0.479		-8.94	20
Benzene	1.523	1.453		-4.6	20
1,2-Dichloroethane	0.536	0.536		0	20
Trichloroethene	0.391	0.358		-8.44	20
1,2-Dichloropropane	0.381	0.371		-2.63	20
Dibromomethane	0.267	0.268		0.38	20
Bromodichloromethane	0.569	0.566		-0.53	20
4-Methyl-2-Pentanone	0.449	0.449		0	20
Toluene	0.936	0.898		-4.06	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	0.538	0.548		1.86	20
cis-1,3-Dichloropropene	0.588	0.586		-0.34	20
1,1,2-Trichloroethane	0.351	0.347		-1.14	20
1,3-Dichloropropane	0.610	0.599		-1.8	20
2-Chloroethyl Vinyl ether	0.289	0.277		-4.15	20
2-Hexanone	0.297	0.308		3.7	20
Dibromochloromethane	0.412	0.417		1.21	20
1,2-Dibromoethane	0.367	0.357		-2.72	20
Tetrachloroethene	0.360	0.327		-9.17	20
Chlorobenzene	1.171	1.108	0.3	-5.38	20
1,1,1,2-Tetrachloroethane	0.394	0.386		-2.03	20
Hexachloroethane	0.606	0.593		-2.14	20
Ethyl Benzene	2.048	1.971		-3.76	20
m/p-Xylenes	0.766	0.731		-4.57	20
o-Xylene	0.729	0.701		-3.84	20
Styrene	1.250	1.216		-2.72	20
Bromoform	0.300	0.303	0.1	1	20
Isopropylbenzene	3.945	3.787		-4.01	20
1,1,2,2-Tetrachloroethane	1.127	1.121	0.3	-0.53	20
1,2,3-Trichloropropane	0.925	0.907		-1.95	20
Bromobenzene	0.946	0.898		-5.07	20
n-propylbenzene	4.714	4.555		-3.37	20
2-Chlorotoluene	2.818	2.669		-5.29	20
1,3,5-Trimethylbenzene	3.259	3.124		-4.14	20
4-Chlorotoluene	3.289	3.158		-3.98	20
tert-Butylbenzene	3.271	3.171		-3.06	20
1,2,4-Trimethylbenzene	3.251	3.139		-3.44	20
sec-Butylbenzene	4.087	3.941		-3.57	20
p-Isopropyltoluene	3.389	3.270		-3.51	20
1,3-Dichlorobenzene	1.798	1.697		-5.62	20
1,4-Dichlorobenzene	1.821	1.683		-7.58	20
n-Butylbenzene	3.178	3.120		-1.83	20
1,2-Dichlorobenzene	1.718	1.622		-5.59	20
1,2-Dibromo-3-Chloropropane	0.216	0.223		3.24	20
1,2,4-Trichlorobenzene	1.135	1.108		-2.38	20
Hexachlorobutadiene	0.386	0.401		3.89	20
Naphthalene	3.328	3.369		1.23	20
1,2,3-Trichlorobenzene	1.094	1.046		-4.39	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.620		-0.48	20
Dibromofluoromethane	0.309	0.310		0.32	20
Toluene-d8	1.000	0.938		-6.2	20
4-Bromofluorobenzene	0.431	0.427		-0.93	20

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