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.: Q2812
Instrument ID: MSVOA_X
Calibration Date/Time: 08/08/2025 11:04
Lab File ID: VX047263.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	0.667		0.45	20
Chloromethane	0.657	0.589	0.1	-10.35	20
Vinyl Chloride	0.706	0.710		0.57	20
Ethyl Acetate	0.485	0.500		3.09	20
Bromomethane	0.384	0.311		-19.01	20
Chloroethane	0.464	0.400		-13.79	20
Trichlorofluoromethane	1.053	1.005		-4.56	20
1,1,2-Trichlorotrifluoroethane	0.634	0.596		-5.99	20
Tert butyl alcohol	0.080	0.080		0	20
1,1-Dichloroethene	0.628	0.599		-4.62	20
Acrolein	0.134	0.132		-1.49	20
Acrylonitrile	0.297	0.312		5.05	20
Acetone	0.250	0.257		2.8	20
Carbon Disulfide	1.818	1.734		-4.62	20
Methyl tert-butyl Ether	1.912	2.122		10.98	20
Methyl Acetate	0.663	0.755		13.88	20
Methylene Chloride	0.686	0.701		2.19	20
trans-1,2-Dichloroethene	0.643	0.645		0.31	20
Vinyl Acetate	1.752	1.958		11.76	20
1,1-Dichloroethane	1.214	1.219	0.1	0.41	20
Cyclohexane	1.164	1.037		-10.91	20
2-Butanone	0.363	0.374		3.03	20
Carbon Tetrachloride	0.562	0.511		-9.07	20
2,2-Dichloropropane	0.940	0.890		-5.32	20
cis-1,2-Dichloroethene	0.761	0.792		4.07	20
Bromochloromethane	0.559	0.576		3.04	20
Chloroform	1.236	1.259		1.86	20
1,1,1-Trichloroethane	1.074	1.047		-2.51	20
Methylcyclohexane	0.657	0.585		-10.96	20
1,1-Dichloropropene	0.526	0.466		-11.41	20
Benzene	1.523	1.481		-2.76	20
1,2-Dichloroethane	0.536	0.553		3.17	20
Trichloroethene	0.391	0.371		-5.11	20
1,2-Dichloropropane	0.381	0.379		-0.52	20
Dibromomethane	0.267	0.286		7.12	20
Bromodichloromethane	0.569	0.589		3.52	20
4-Methyl-2-Pentanone	0.449	0.455		1.34	20
Toluene	0.936	0.911		-2.67	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	0.558		3.72	20
cis-1,3-Dichloropropene	0.588	0.608		3.4	20
1,1,2-Trichloroethane	0.351	0.363		3.42	20
1,3-Dichloropropane	0.610	0.629		3.12	20
2-Chloroethyl Vinyl ether	0.289	0.286		-1.04	20
2-Hexanone	0.297	0.305		2.69	20
Dibromochloromethane	0.412	0.440		6.8	20
1,2-Dibromoethane	0.367	0.374		1.91	20
Tetrachloroethene	0.360	0.325		-9.72	20
Chlorobenzene	1.171	1.124	0.3	-4.01	20
1,1,1,2-Tetrachloroethane	0.394	0.397		0.76	20
Hexachloroethane	0.606	0.581		-4.13	20
Ethyl Benzene	2.048	1.940		-5.27	20
m/p-Xylenes	0.766	0.723		-5.61	20
o-Xylene	0.729	0.705		-3.29	20
Styrene	1.250	1.250		0	20
Bromoform	0.300	0.306	0.1	2	20
Isopropylbenzene	3.945	3.719		-5.73	20
1,1,2,2-Tetrachloroethane	1.127	1.125	0.3	-0.18	20
1,2,3-Trichloropropane	0.925	0.943		1.95	20
Bromobenzene	0.946	0.936		-1.06	20
n-propylbenzene	4.714	4.409		-6.47	20
2-Chlorotoluene	2.818	2.679		-4.93	20
1,3,5-Trimethylbenzene	3.259	3.081		-5.46	20
4-Chlorotoluene	3.289	3.131		-4.8	20
tert-Butylbenzene	3.271	3.115		-4.77	20
1,2,4-Trimethylbenzene	3.251	3.135		-3.57	20
sec-Butylbenzene	4.087	3.780		-7.51	20
p-Isopropyltoluene	3.389	3.195		-5.72	20
1,3-Dichlorobenzene	1.798	1.714		-4.67	20
1,4-Dichlorobenzene	1.821	1.711		-6.04	20
n-Butylbenzene	3.178	2.978		-6.32	20
1,2-Dichlorobenzene	1.718	1.632		-5.01	20
1,2-Dibromo-3-Chloropropane	0.216	0.223		3.24	20
1,2,4-Trichlorobenzene	1.135	1.082		-4.67	20
Hexachlorobutadiene	0.386	0.380		-1.55	20
Naphthalene	3.328	3.408		2.4	20
1,2,3-Trichlorobenzene	1.094	1.052		-3.84	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.623	0.660		5.94	20
Dibromofluoromethane	0.309	0.323		4.53	20
Toluene-d8	1.000	0.902		-9.8	20
4-Bromofluorobenzene	0.431	0.434		0.7	20

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