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.: Q2637
Instrument ID: MSVOA_X
Calibration Date/Time: 07/18/2025 10:20
Lab File ID: VX047038.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.502		5.02	20
Chloromethane	0.522	0.507	0.1	-2.87	20
Vinyl Chloride	0.569	0.561		-1.41	20
Ethyl Acetate	0.390	0.455		16.67	20
Bromomethane	0.366	0.347		-5.19	20
Chloroethane	0.376	0.365		-2.93	20
Trichlorofluoromethane	0.880	0.945		7.39	20
1,1,2-Trichlorotrifluoroethane	0.561	0.603		7.49	20
Tert butyl alcohol	0.043	0.066		53.49	20
1,1-Dichloroethene	0.542	0.553		2.03	20
Acrolein	0.052	0.048		-7.69	20
Acrylonitrile	0.250	0.301		20.4	20
Acetone	0.205	0.254		23.9	20
Carbon Disulfide	1.422	1.158		-18.57	20
Methyl tert-butyl Ether	1.531	1.906		24.49	20
Methyl Acetate	0.541	0.908		67.84	20
Methylene Chloride	0.607	0.622		2.47	20
trans-1,2-Dichloroethene	0.555	0.568		2.34	20
Vinyl Acetate	1.397	1.619		15.89	20
1,1-Dichloroethane	1.064	1.147	0.1	7.8	20
Cyclohexane	0.944	0.928		-1.7	20
2-Butanone	0.274	0.358		30.66	20
Carbon Tetrachloride	0.484	0.519		7.23	20
2,2-Dichloropropane	0.792	0.942		18.94	20
cis-1,2-Dichloroethene	0.677	0.718		6.06	20
Bromochloromethane	0.525	0.519		-1.14	20
Chloroform	1.087	1.168		7.45	20
1,1,1-Trichloroethane	0.908	1.002		10.35	20
Methylcyclohexane	0.573	0.576		0.52	20
1,1-Dichloropropene	0.458	0.468		2.18	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.509		8.3	20
Trichloroethene	0.361	0.368		1.94	20
1,2-Dichloropropane	0.350	0.371		6	20
Dibromomethane	0.242	0.259		7.03	20
Bromodichloromethane	0.518	0.560		8.11	20
4-Methyl-2-Pentanone	0.353	0.456		29.18	20
Toluene	0.858	0.895		4.31	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	0.462	0.551		19.26	20
cis-1,3-Dichloropropene	0.527	0.597		13.28	20
1,1,2-Trichloroethane	0.320	0.347		8.44	20
1,3-Dichloropropane	0.550	0.597		8.55	20
2-Chloroethyl Vinyl ether	0.249	0.277		11.24	20
2-Hexanone	0.234	0.315		34.62	20
Dibromochloromethane	0.383	0.409		6.79	20
1,2-Dibromoethane	0.321	0.351		9.35	20
Tetrachloroethene	0.333	0.337		1.2	20
Chlorobenzene	1.081	1.155	0.3	6.85	20
1,1,1,2-Tetrachloroethane	0.363	0.405		11.57	20
Hexachloroethane	0.552	0.646		17.03	20
Ethyl Benzene	1.851	2.039		10.16	20
m/p-Xylenes	0.698	0.755		8.17	20
o-Xylene	0.674	0.736		9.2	20
Styrene	1.153	1.276		10.67	20
Bromoform	0.270	0.307	0.1	13.7	20
Isopropylbenzene	3.515	4.127		17.41	20
1,1,2,2-Tetrachloroethane	0.966	1.177	0.3	21.84	20
1,2,3-Trichloropropane	0.773	0.974		26	20
Bromobenzene	0.875	0.986		12.69	20
n-propylbenzene	4.238	4.897		15.55	20
2-Chlorotoluene	2.503	2.883		15.18	20
1,3,5-Trimethylbenzene	2.856	3.352		17.37	20
4-Chlorotoluene	2.888	3.400		17.73	20
tert-Butylbenzene	2.950	3.450		16.95	20
1,2,4-Trimethylbenzene	2.887	3.397		17.67	20
sec-Butylbenzene	3.719	4.313		15.97	20
p-Isopropyltoluene	3.114	3.629		16.54	20
1,3-Dichlorobenzene	1.637	1.850		13.01	20
1,4-Dichlorobenzene	1.704	1.848		8.45	20
n-Butylbenzene	2.926	3.403		16.3	20
1,2-Dichlorobenzene	1.587	1.750		10.27	20
1,2-Dibromo-3-Chloropropane	0.169	0.232		37.28	20
1,2,4-Trichlorobenzene	1.078	1.228		13.91	20
Hexachlorobutadiene	0.407	0.429		5.41	20
Naphthalene	2.840	3.664		29.01	20
1,2,3-Trichlorobenzene	1.019	1.161		13.94	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.661	0.688		4.09	20
Dibromofluoromethane	0.339	0.330		-2.65	20
Toluene-d8	1.197	1.171		-2.17	20
4-Bromofluorobenzene	0.455	0.449		-1.32	20

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