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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259 SDG No.: Q2259

Instrument ID: MSVOA_Y Calibration Date/Time: 06/11/2025 15:07

Lab File ID: VY022664.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.384		-14.29	50
Chloromethane	1.322	1.072	0.1	-18.91	50
Vinyl Chloride	1.534	1.698		10.69	50
Bromomethane	1.470	1.259		-14.35	50
Chloroethane	1.053	1.192		13.2	50
Tetrahydrofuran	0.106	0.089		-16.04	50
Trichlorofluoromethane	1.302	1.495		14.82	50
1,1,2-Trichlorotrifluoroethane	0.549	0.521		-5.1	50
1,1-Dichloroethene	0.524	0.523		-0.19	50
Acrylonitrile	0.124	0.109		-12.1	50
Acetone	0.114	0.101		-11.4	50
Carbon Disulfide	1.679	1.519		-9.53	50
Methyl tert-butyl Ether	1.477	1.369		-7.31	50
Methylene Chloride	0.645	0.580		-10.08	50
trans-1,2-Dichloroethene	0.587	0.570		-2.9	50
1,1-Dichloroethane	1.079	1.064	0.1	-1.39	50
2-Butanone	0.164	0.143		-12.81	50
Carbon Tetrachloride	0.497	0.501		0.81	50
2,2-Dichloropropane	0.954	0.959		0.52	50
cis-1,2-Dichloroethene	0.678	0.684		0.88	50
Chloroform	1.069	1.074		0.47	50
1,1,1-Trichloroethane	0.949	0.953		0.42	50
1,1-Dichloropropene	0.484	0.485		0.21	50
Benzene	1.431	1.469		2.65	50
1,2-Dichloroethane	0.391	0.360		-7.93	50
Trichloroethene	0.350	0.382		9.14	50
1,2-Dichloropropane	0.338	0.339		0.3	50
Dibromomethane	0.190	0.186		-2.11	50
Bromodichloromethane	0.482	0.475		-1.45	50
4-Methyl-2-Pentanone	0.233	0.208		-10.73	50
Toluene	0.899	0.917		2	50
t-1,3-Dichloropropene	0.452	0.431		-4.65	50
cis-1,3-Dichloropropene	0.526	0.522		-0.76	50
1,1,2-Trichloroethane	0.243	0.231		-4.94	50
1,3-Dichloropropane	0.430	0.413		-3.95	50
2-Hexanone	0.156	0.140		-10.26	50
Dibromochloromethane	0.308	0.297		-3.57	50
1,2-Dibromoethane	0.221	0.214		-3.17	50

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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GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.430	0.550		27.91	50
Chlorobenzene	1.106	1.150	0.3	3.98	50
1,1,1,2-Tetrachloroethane	0.373	0.381		2.14	50
Ethyl Benzene	2.052	2.110		2.83	50
m/p-Xylenes	0.778	0.813		4.5	50
o-Xylene	0.729	0.772		5.9	50
Styrene	1.206	1.264		4.81	50
Bromoform	0.198	0.192	0.1	-3.03	50
Isopropylbenzene	4.105	4.122		0.41	50
1,1,2,2-Tetrachloroethane	0.674	0.518	0.3	-23.15	50
1,2,3-Trichloropropane	0.572	0.509		-11.01	50
Bromobenzene	0.866	0.866		0	50
n-propylbenzene	5.014	5.001		-0.26	50
2-Chlorotoluene	2.657	2.618		-1.47	50
1,3,5-Trimethylbenzene	3.223	3.226		0.09	50
4-Chlorotoluene	2.741	2.653		-3.21	50
tert-Butylbenzene	2.893	2.973		2.77	50
1,2,4-Trimethylbenzene	3.223	3.209		-0.43	50
sec-Butylbenzene	4.430	4.454		0.54	50
p-Isopropyltoluene	3.652	3.731		2.16	50
1,3-Dichlorobenzene	1.755	1.775		1.14	50
1,4-Dichlorobenzene	1.702	1.670		-1.88	50
n-Butylbenzene	3.464	3.506		1.21	50
1,2-Dichlorobenzene	1.490	1.477		-0.87	50
1,2-Dibromo-3-Chloropropane	0.098	0.089		-9.18	50
1,2,4-Trichlorobenzene	0.813	0.831		2.21	50
Hexachlorobutadiene	0.449	0.455		1.34	50
1,2,3-Trichlorobenzene	0.697	0.675		-3.16	50
1,2-Dichloroethane-d4	0.559	0.505		-9.66	50
Dibromofluoromethane	0.298	0.296		-0.67	50
Toluene-d8	1.206	1.224		1.49	50
4-Bromofluorobenzene	0.359	0.360		0.28	50
trans-1,4-Dichloro-2-butene	0.237	0.196		-17.3	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.