284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1984 SAS No.: Q1984 SDG No.: Q1984

Instrument ID: MSVOA_Y Calibration Date/Time: 05/15/2025 11:02

Lab File ID: VY022256.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.522	0.507		-2.87	
Chloromethane	1.097	1.042		-5.01	
Vinyl Chloride	1.226	1.210		-1.3	
Bromomethane	0.998	0.877		-12.12	
Chloroethane	0.763	0.756		-0.92	
Tetrahydrofuran	0.110	0.107		-2.73	
Trichlorofluoromethane	1.241	1.214		-2.18	
1,1,2-Trichlorotrifluoroethane	0.539	0.538		-0.19	
1,1-Dichloroethene	0.535	0.539		0.75	
Acrylonitrile	0.123	0.120		-2.44	
Acetone	0.102	0.093		-8.82	
Carbon Disulfide	1.744	1.753		0.52	
Methyl tert-butyl Ether	1.475	1.459		-1.09	
Methylene Chloride	0.662	0.597		-9.82	
trans-1,2-Dichloroethene	0.590	0.592		0.34	
1,1-Dichloroethane	1.106	1.117		1	
2-Butanone	0.171	0.161		-5.85	
Carbon Tetrachloride	0.509	0.516		1.38	
2,2-Dichloropropane	0.984	0.987		0.31	
cis-1,2-Dichloroethene	0.681	0.691		1.47	
Chloroform	1.061	1.079		1.7	
1,1,1-Trichloroethane	0.974	0.969		-0.51	
1,1-Dichloropropene	0.492	0.505		2.64	
Benzene	1.457	1.499		2.88	
1,2-Dichloroethane	0.394	0.402		2.03	
Trichloroethene	0.362	0.371		2.49	
1,2-Dichloropropane	0.351	0.357		1.71	
Dibromomethane	0.189	0.189		0	
Bromodichloromethane	0.492	0.506		2.85	
4-Methyl-2-Pentanone	0.253	0.253		0	
Toluene	0.923	0.944		2.28	
t-1,3-Dichloropropene	0.480	0.487		1.46	
cis-1,3-Dichloropropene	0.550	0.562		2.18	
1,1,2-Trichloroethane	0.243	0.243		0	
1,3-Dichloropropane	0.431	0.438		1.62	
2-Hexanone	0.170	0.166		-2.35	
Dibromochloromethane	0.315	0.323		2.54	
1,2-Dibromoethane	0.226	0.227		0.44	

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
Tetrachloroethene	0.462	0.474		2.6	
Chlorobenzene	1.128	1.154		2.31	
1,1,1,2-Tetrachloroethane	0.388	0.394		1.55	
Ethyl Benzene	2.113	2.175		2.93	
m/p-Xylenes	0.796	0.818		2.76	
o-Xylene	0.753	0.768		1.99	
Styrene	1.270	1.303		2.6	
Bromoform	0.209	0.209		0	
Isopropylbenzene	4.142	4.197		1.33	
1,1,2,2-Tetrachloroethane	0.637	0.628		-1.41	
1,2,3-Trichloropropane	0.507	0.501		-1.18	
Bromobenzene	0.885	0.895		1.13	
n-propylbenzene	4.996	5.127		2.62	
2-Chlorotoluene	2.746	2.804		2.11	
1,3,5-Trimethylbenzene	3.344	3.410		1.97	
4-Chlorotoluene	2.824	2.907		2.94	
tert-Butylbenzene	2.972	3.029		1.92	
1,2,4-Trimethylbenzene	3.319	3.413		2.83	
sec-Butylbenzene	4.412	4.573		3.65	
p-Isopropyltoluene	3.710	3.818		2.91	
1,3-Dichlorobenzene	1.806	1.838		1.77	
1,4-Dichlorobenzene	1.737	1.750		0.75	
n-Butylbenzene	3.510	3.668		4.5	
1,2-Dichlorobenzene	1.517	1.534		1.12	
1,2-Dibromo-3-Chloropropane	0.103	0.100		-2.91	
1,2,4-Trichlorobenzene	0.876	0.900		2.74	
Hexachlorobutadiene	0.489	0.502		2.66	
1,2,3-Trichlorobenzene	0.743	0.752		1.21	
1,2-Dichloroethane-d4	0.546	0.541		-0.92	
Dibromofluoromethane	0.298	0.301		1.01	
Toluene-d8	1.222	1.230		0.65	
4-Bromofluorobenzene	0.387	0.387		0	
trans-1,4-Dichloro-2-butene	0.250	0.237		-5.2	

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