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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2371 SAS No.: Q2371 SDG No.: Q2371

Instrument ID: MSVOA_X Calibration Date/Time: 06/23/2025 09:03

Lab File ID: VX046804.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.600		12.36	20
Chloromethane	0.576	0.638	0.1	10.76	20
Vinyl Chloride	0.614	0.680		10.75	20
Bromomethane	0.346	0.403		16.47	20
Chloroethane	0.372	0.421		13.17	20
Trichlorofluoromethane	0.933	1.016		8.9	20
1,1,2-Trichlorotrifluoroethane	0.572	0.624		9.09	20
1,1-Dichloroethene	0.552	0.599		8.51	20
Acetone	0.231	0.211		-8.66	20
Carbon Disulfide	1.668	1.680		0.72	20
Methyl tert-butyl Ether	1.720	1.647		-4.24	20
Methyl Acetate	0.586	0.514		-12.29	20
Methylene Chloride	0.641	0.646		0.78	20
trans-1,2-Dichloroethene	0.591	0.616		4.23	20
1,1-Dichloroethane	1.092	1.134	0.1	3.85	20
Cyclohexane	1.036	1.024		-1.16	20
2-Butanone	0.326	0.263		-19.33	20
Carbon Tetrachloride	0.518	0.536		3.47	20
cis-1,2-Dichloroethene	0.694	0.707		1.87	20
Bromochloromethane	0.495	0.498		0.61	20
Chloroform	1.092	1.125		3.02	20
1,1,1-Trichloroethane	0.958	0.974		1.67	20
Methylcyclohexane	0.628	0.640		1.91	20
Benzene	1.413	1.471		4.11	20
1,2-Dichloroethane	0.497	0.497		0	20
Trichloroethene	0.360	0.372		3.33	20
1,2-Dichloropropane	0.350	0.367		4.86	20
Bromodichloromethane	0.514	0.539		4.86	20
4-Methyl-2-Pentanone	0.411	0.354		-13.87	20
Toluene	0.876	0.898		2.51	20
t-1,3-Dichloropropene	0.477	0.497		4.19	20
cis-1,3-Dichloropropene	0.541	0.568		4.99	20
1,1,2-Trichloroethane	0.327	0.324		-0.92	20
2-Hexanone	0.284	0.237		-16.55	20
Dibromochloromethane	0.385	0.396		2.86	20
1,2-Dibromoethane	0.332	0.322		-3.01	20
Tetrachloroethene	0.346	0.357		3.18	20
Chlorobenzene	1.104	1.136	0.3	2.9	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
Ethyl Benzene	1.929	1.996		3.47	20
m/p-Xylenes	0.719	0.747		3.89	20
o-Xylene	0.673	0.721		7.13	20
Styrene	1.179	1.237		4.92	20
Bromoform	0.282	0.277	0.1	-1.77	20
Isopropylbenzene	3.682	3.893		5.73	20
1,1,2,2-Tetrachloroethane	1.028	0.984	0.3	-4.28	20
1,3-Dichlorobenzene	1.728	1.724		-0.23	20
1,4-Dichlorobenzene	1.775	1.715		-3.38	20
1,2-Dichlorobenzene	1.615	1.637		1.36	20
1,2-Dibromo-3-Chloropropane	0.203	0.170		-16.26	20
1,2,4-Trichlorobenzene	1.148	1.160		1.04	20
1,2,3-Trichlorobenzene	1.098	1.090		-0.73	20
1,2-Dichloroethane-d4	0.692	0.630		-8.96	20
Dibromofluoromethane	0.331	0.339		2.42	20
Toluene-d8	1.189	1.177		-1.01	20
4-Bromofluorobenzene	0.443	0.431		-2.71	20

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