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.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.824		10.16	20
Chloromethane	0.768	0.794	0.1	3.38	20
Vinyl Chloride	0.703	0.722		2.7	20
Bromomethane	0.333	0.315		-5.41	20
Chloroethane	0.373	0.379		1.61	20
Trichlorofluoromethane	1.048	1.107		5.63	20
1,1,2-Trichlorotrifluoroethane	0.614	0.658		7.17	20
1,1-Dichloroethene	0.600	0.622		3.67	20
Acetone	0.375	0.419		11.73	20
Carbon Disulfide	1.483	1.296		-12.61	20
Methyl tert-butyl Ether	2.100	2.283		8.71	20
Methyl Acetate	0.864	1.041		20.49	20
Methylene Chloride	0.703	0.720		2.42	20
trans-1,2-Dichloroethene	0.613	0.616		0.49	20
1,1-Dichloroethane	1.269	1.319	0.1	3.94	20
Cyclohexane	1.122	1.140		1.6	20
2-Butanone	0.550	0.612		11.27	20
Carbon Tetrachloride	0.518	0.560		8.11	20
cis-1,2-Dichloroethene	0.747	0.764		2.28	20
Bromochloromethane	0.613	0.632		3.1	20
Chloroform	1.306	1.385		6.05	20
1,1,1-Trichloroethane	1.105	1.168		5.7	20
Methylcyclohexane	0.587	0.617		5.11	20
Benzene	1.463	1.499		2.46	20
1,2-Dichloroethane	0.604	0.659		9.11	20
Trichloroethene	0.348	0.358		2.87	20
1,2-Dichloropropane	0.365	0.387		6.03	20
Bromodichloromethane	0.560	0.604		7.86	20
4-Methyl-2-Pentanone	0.606	0.688		13.53	20
Toluene	0.885	0.931		5.2	20
t-1,3-Dichloropropene	0.467	0.497		6.42	20
cis-1,3-Dichloropropene	0.526	0.554		5.32	20
1,1,2-Trichloroethane	0.353	0.374		5.95	20
2-Hexanone	0.449	0.518		15.37	20
Dibromochloromethane	0.385	0.423		9.87	20
1,2-Dibromoethane	0.357	0.388		8.68	20
Tetrachloroethene	0.353	0.367		3.97	20
Chlorobenzene	1.068	1.145	0.3	7.21	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	1.914	2.059		7.58	20
m/p-Xylenes	0.696	0.755		8.48	20
o-Xylene	0.686	0.742		8.16	20
Styrene	1.132	1.260		11.31	20
Bromoform	0.277	0.303	0.1	9.39	20
Isopropylbenzene	4.005	4.100		2.37	20
1,1,2,2-Tetrachloroethane	1.407	1.417	0.3	0.71	20
1,3-Dichlorobenzene	1.684	1.724		2.38	20
1,4-Dichlorobenzene	1.708	1.749		2.4	20
1,2-Dichlorobenzene	1.675	1.769		5.61	20
1,2-Dibromo-3-Chloropropane	0.294	0.328		11.56	20
1,2,4-Trichlorobenzene	0.932	1.018		9.23	20
1,2,3-Trichlorobenzene	0.976	1.064		9.02	20
1,2-Dichloroethane-d4	0.914	0.993		8.64	20
Dibromofluoromethane	0.355	0.391		10.14	20
Toluene-d8	1.238	1.319		6.54	20
4-Bromofluorobenzene	0.451	0.518		14.86	20

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