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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_X Calibration Date/Time: 02/11/2025 10:09

Lab File ID: VX044893.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.665		-5.14	20
Chloromethane	0.854	0.769	0.1	-9.95	20
Vinyl Chloride	0.827	0.753		-8.95	20
Bromomethane	0.247	0.240		-2.83	20
Chloroethane	0.307	0.329		7.17	20
Trichlorofluoromethane	1.046	0.998		-4.59	20
1,1,2-Trichlorotrifluoroethane	0.632	0.607		-3.96	20
1,1-Dichloroethene	0.644	0.595		-7.61	20
Acetone	0.294	0.277		-5.78	20
Carbon Disulfide	1.767	1.631		-7.7	20
Methyl tert-butyl Ether	2.050	2.002		-2.34	20
Methyl Acetate	0.928	0.885		-4.63	20
Methylene Chloride	0.721	0.677		-6.1	20
trans-1,2-Dichloroethene	0.634	0.597		-5.84	20
1,1-Dichloroethane	1.233	1.179	0.1	-4.38	20
Cyclohexane	1.137	1.078		-5.19	20
2-Butanone	0.478	0.467		-2.3	20
Carbon Tetrachloride	0.460	0.449		-2.39	20
cis-1,2-Dichloroethene	0.762	0.732		-3.94	20
Bromochloromethane	0.593	0.503		-15.18	20
Chloroform	1.196	1.146		-4.18	20
1,1,1-Trichloroethane	1.014	0.966		-4.73	20
Methylcyclohexane	0.606	0.637		5.12	20
Benzene	1.465	1.449		-1.09	20
1,2-Dichloroethane	0.467	0.482		3.21	20
Trichloroethene	0.335	0.334		-0.3	20
1,2-Dichloropropane	0.364	0.371		1.92	20
Bromodichloromethane	0.489	0.514		5.11	20
4-Methyl-2-Pentanone	0.512	0.530		3.52	20
Toluene	0.872	0.893		2.41	20
t-1,3-Dichloropropene	0.495	0.525		6.06	20
cis-1,3-Dichloropropene	0.552	0.586		6.16	20
1,1,2-Trichloroethane	0.335	0.344		2.69	20
2-Hexanone	0.369	0.384		4.07	20
Dibromochloromethane	0.359	0.377		5.01	20
1,2-Dibromoethane	0.340	0.350		2.94	20
Tetrachloroethene	0.315	0.300		-4.76	20
Chlorobenzene	1.074	1.049	0.3	-2.33	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	1.895	1.879		-0.84	20
m/p-Xylenes	0.699	0.699		0	20
o-Xylene	0.701	0.691		-1.43	20
Styrene	1.130	1.147		1.5	20
Bromoform	0.258	0.264	0.1	2.33	20
Isopropylbenzene	4.026	3.967		-1.47	20
1,1,2,2-Tetrachloroethane	1.383	1.311	0.3	-5.21	20
1,3-Dichlorobenzene	1.678	1.655		-1.37	20
1,4-Dichlorobenzene	1.697	1.639		-3.42	20
1,2-Dichlorobenzene	1.650	1.615		-2.12	20
1,2-Dibromo-3-Chloropropane	0.252	0.248		-1.59	20
1,2,4-Trichlorobenzene	0.998	1.016		1.8	20
1,2,3-Trichlorobenzene	1.006	1.001		-0.5	20
1,2-Dichloroethane-d4	0.732	0.712		-2.73	20
Dibromofluoromethane	0.325	0.323		-0.62	20
Toluene-d8	1.229	1.230		0.08	20
4-Bromofluorobenzene	0.414	0.426		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.