



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: 01232 SAS No.: 01232 SDG No.: 01232

Instrument ID: MSVOA_Y Calibration Date/Time: 01/20/2023 10:34

Lab File ID: VY012280.D Init. Calib. Date(s): 01/16/2023 01/16/2023

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:17 14:34

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.437	0.401		-8.24	20
Chloromethane	0.403	0.385	0.1	-4.47	20
Vinyl Chloride	0.471	0.465		-1.27	20
Bromomethane	0.364	0.323		-11.26	20
Chloroethane	0.307	0.297		-3.26	20
Trichlorofluoromethane	0.919	0.886		-3.59	20
1,1,2-Trichlorotrifluoroethane	0.447	0.475		6.26	20
1,1-Dichloroethene	0.459	0.477		3.92	20
Acetone	0.139	0.153		10.07	20
Carbon Disulfide	1.420	1.446		1.83	20
Methyl tert-butyl Ether	1.280	1.266		-1.09	20
Methyl Acetate	0.312	0.310		-0.64	20
Methylene Chloride	0.762	0.537		-29.53	20
trans-1,2-Dichloroethene	0.512	0.536		4.69	20
1,1-Dichloroethane	0.785	0.839	0.1	6.88	20
Cyclohexane	0.729	0.760		4.25	20
2-Butanone	0.154	0.167		8.44	20
Carbon Tetrachloride	0.581	0.573		-1.38	20
cis-1,2-Dichloroethene	0.563	0.583		3.55	20
Bromochloromethane	0.171	0.168		-1.75	20
Chloroform	0.927	0.938		1.19	20
1,1,1-Trichloroethane	0.918	0.916		-0.22	20
Methylcyclohexane	0.550	0.596		8.36	20
Benzene	1.299	1.351		4	20
1,2-Dichloroethane	0.413	0.398		-3.63	20
Trichloroethene	0.388	0.411		5.93	20
1,2-Dichloropropane	0.271	0.298		9.96	20
Bromodichloromethane	0.457	0.465		1.75	20
4-Methyl-2-Pentanone	0.197	0.204		3.55	20
Toluene	0.865	0.890		2.89	20
t-1,3-Dichloropropene	0.478	0.490		2.51	20
cis-1,3-Dichloropropene	0.514	0.531		3.31	20
1,1,2-Trichloroethane	0.258	0.269		4.26	20
2-Hexanone	0.150	0.164		9.33	20
Dibromochloromethane	0.342	0.347		1.46	20
1,2-Dibromoethane	0.249	0.250		0.4	20
Tetrachloroethene	0.456	0.510		11.84	20
Chlorobenzene	1.023	1.059	0.3	3.52	20
Ethyl Benzene	1.828	1.910		4.49	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
m/p-Xylenes	0.723	0.756		4.56	20
o-Xylene	0.690	0.723		4.78	20
Styrene	1.154	1.209		4.77	20
Bromoform	0.247	0.253	0.1	2.43	20
Isopropylbenzene	3.605	3.889		7.88	20
1,1,2,2-Tetrachloroethane	0.568	0.602	0.3	5.99	20
1,3-Dichlorobenzene	1.726	1.771		2.61	20
1,4-Dichlorobenzene	1.721	1.750		1.68	20
1,2-Dichlorobenzene	1.540	1.565		1.62	20
1,2-Dibromo-3-Chloropropane	0.117	0.119		1.71	20
1,2,4-Trichlorobenzene	0.987	1.016		2.94	20
1,2,3-Trichlorobenzene	0.849	0.879		3.53	20
1,2-Dichloroethane-d4	0.465	0.380		-18.28	20
Dibromofluoromethane	0.265	0.247		-6.79	20
Toluene-d8	1.044	0.901		-13.7	20
4-Bromofluorobenzene	0.373	0.334		-10.46	20

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