

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GARD04

Lab Code: CHEM Case No.: P4528 SAS No.: P4528 SDG No.: P4528

Instrument ID: MSVOA_N Calibration Date/Time: 10/25/2024 08:59

Lab File ID: VN084503.D Init. Calib. Date(s): 09/30/2024 09/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:25 14:48

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.591	0.431		-27.07	20
Chloromethane	0.675	0.535	0.1	-20.74	20
Vinyl Chloride	0.654	0.560		-14.37	20
Bromomethane	0.431	0.358		-16.94	20
Chloroethane	0.468	0.374		-20.08	20
Trichlorofluoromethane	1.019	0.965		-5.3	20
1,1,2-Trichlorotrifluoroethane	0.584	0.570		-2.4	20
1,1-Dichloroethene	0.563	0.545		-3.2	20
Acetone	0.318	0.365		14.78	20
Carbon Disulfide	1.782	1.442		-19.08	20
Methyl tert-butyl Ether	1.900	1.987		4.58	20
Methyl Acetate	0.694	0.700		0.87	20
Methylene Chloride	0.647	0.639		-1.24	20
trans-1,2-Dichloroethene	0.590	0.585		-0.85	20
1,1-Dichloroethane	1.131	1.151	0.1	1.77	20
Cyclohexane	1.098	0.947		-13.75	20
2-Butanone	0.434	0.461		6.22	20
Carbon Tetrachloride	0.525	0.544		3.62	20
cis-1,2-Dichloroethene	0.713	0.722		1.26	20
Bromochloromethane	0.505	0.496		-1.78	20
Chloroform	1.175	1.213		3.23	20
1,1,1-Trichloroethane	1.055	1.069		1.33	20
Methylcyclohexane	0.533	0.535		0.38	20
Benzene	1.492	1.554		4.16	20
1,2-Dichloroethane	0.506	0.527		4.15	20
Trichloroethene	0.348	0.361		3.74	20
1,2-Dichloropropane	0.353	0.381		7.93	20
Bromodichloromethane	0.529	0.576		8.89	20
4-Methyl-2-Pentanone	0.468	0.513		9.61	20
Toluene	0.910	0.983		8.02	20
t-1,3-Dichloropropene	0.539	0.592		9.83	20
cis-1,3-Dichloropropene	0.580	0.639		10.17	20
1,1,2-Trichloroethane	0.326	0.364		11.66	20
2-Hexanone	0.349	0.394		12.89	20
Dibromochloromethane	0.385	0.437		13.51	20
1,2-Dibromoethane	0.339	0.371		9.44	20
Tetrachloroethene	0.348	0.356		2.3	20
Chlorobenzene	1.109	1.176	0.3	6.04	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GARD04

Lab Code: CHEM Case No.: P4528 SAS No.: P4528 SDG No.: P4528

Instrument ID: MSVOA_N Calibration Date/Time: 10/25/2024 08:59

Lab File ID: VN084503.D Init. Calib. Date(s): 09/30/2024 09/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:25 14:48

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.961	2.097		6.93	20
m/p-Xylenes	0.725	0.806		11.17	20
o-Xylene	0.686	0.757		10.35	20
Styrene	1.162	1.339		15.23	20
Bromoform	0.281	0.317	0.1	12.81	20
Isopropylbenzene	3.815	3.921		2.78	20
1,1,2,2-Tetrachloroethane	1.147	1.156	0.3	0.79	20
1,3-Dichlorobenzene	1.727	1.755		1.62	20
1,4-Dichlorobenzene	1.744	1.742		-0.12	20
1,2-Dichlorobenzene	1.693	1.683		-0.59	20
1,2-Dibromo-3-Chloropropane	0.237	0.222		-6.33	20
1,2,4-Trichlorobenzene	0.834	0.871		4.44	20
1,2,3-Trichlorobenzene	0.835	0.846		1.32	20
1,2-Dichloroethane-d4	0.741	0.751		1.35	20
Dibromofluoromethane	0.330	0.363		10	20
Toluene-d8	1.213	1.283		5.77	20
4-Bromofluorobenzene	0.442	0.496		12.22	20

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