

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: YANN01

Lab Code: CHEM Case No.: P4473 SAS No.: P4473 SDG No.: P4473

Instrument ID: MSVOA_Y Calibration Date/Time: 10/24/2024 10:18

Lab File ID: VY020001.D Init. Calib. Date(s): 10/09/2024 10/09/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:18 12:11

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.465	0.385		-17.2	20
Chloromethane	0.606	0.616	0.1	1.65	20
Vinyl Chloride	0.667	0.723		8.4	20
Bromomethane	0.422	0.474		12.32	20
Chloroethane	0.448	0.514		14.73	20
Trichlorofluoromethane	0.992	1.061		6.96	20
1,1,2-Trichlorotrifluoroethane	0.577	0.607		5.2	20
1,1-Dichloroethene	0.536	0.540		0.75	20
Acetone	0.160	0.197		23.13	20
Carbon Disulfide	1.438	1.222		-15.02	20
Methyl tert-butyl Ether	1.541	1.677		8.82	20
Methyl Acetate	0.345	0.408		18.26	20
Methylene Chloride	0.647	0.646		-0.16	20
trans-1,2-Dichloroethene	0.584	0.604		3.42	20
1,1-Dichloroethane	1.172	1.376	0.1	17.41	20
Cyclohexane	1.029	1.055		2.53	20
2-Butanone	0.215	0.247		14.88	20
Carbon Tetrachloride	0.510	0.563		10.39	20
cis-1,2-Dichloroethene	0.721	0.811		12.48	20
Bromochloromethane	0.516	0.582		12.79	20
Chloroform	1.195	1.407		17.74	20
1,1,1-Trichloroethane	1.047	1.211		15.66	20
Methylcyclohexane	0.599	0.622		3.84	20
Benzene	1.439	1.575		9.45	20
1,2-Dichloroethane	0.413	0.467		13.07	20
Trichloroethene	0.348	0.365		4.89	20
1,2-Dichloropropane	0.360	0.413		14.72	20
Bromodichloromethane	0.522	0.599		14.75	20
4-Methyl-2-Pentanone	0.258	0.295		14.34	20
Toluene	0.898	1.011		12.58	20
t-1,3-Dichloropropene	0.470	0.517		10	20
cis-1,3-Dichloropropene	0.554	0.620		11.91	20
1,1,2-Trichloroethane	0.259	0.289		11.58	20
2-Hexanone	0.184	0.213		15.76	20
Dibromochloromethane	0.333	0.368		10.51	20
1,2-Dibromoethane	0.234	0.249		6.41	20
Tetrachloroethene	0.356	0.355		-0.28	20
Chlorobenzene	1.144	1.257	0.3	9.88	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	2.077	2.358		13.53	20
m/p-Xylenes	0.767	0.851		10.95	20
o-Xylene	0.737	0.821		11.4	20
Styrene	1.244	1.418		13.99	20
Bromoform	0.207	0.224	0.1	8.21	20
Isopropylbenzene	4.206	4.678		11.22	20
1,1,2,2-Tetrachloroethane	0.747	0.836	0.3	11.91	20
1,3-Dichlorobenzene	1.802	1.911		6.05	20
1,4-Dichlorobenzene	1.771	1.877		5.99	20
1,2-Dichlorobenzene	1.584	1.692		6.82	20
1,2-Dibromo-3-Chloropropane	0.119	0.117		-1.68	20
1,2,4-Trichlorobenzene	0.888	0.871		-1.91	20
1,2,3-Trichlorobenzene	0.751	0.724		-3.6	20
1,2-Dichloroethane-d4	0.616	0.638		3.57	20
Dibromofluoromethane	0.330	0.338		2.42	20
Toluene-d8	1.218	1.217		-0.08	20
4-Bromofluorobenzene	0.440	0.448		1.82	20

All other compounds must meet a minimum RRF of 0.010.
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