

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5317 SAS No.: P5317 SDG No.: P5317

Instrument ID: MSVOA_X Calibration Date/Time: 12/18/2024 21:48

Lab File ID: VX044397.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.773	0.795		2.85	20
Chloromethane	0.739	0.800	0.1	8.25	20
Vinyl Chloride	0.770	0.816		5.97	20
Bromomethane	0.546	0.536		-1.83	20
Chloroethane	0.480	0.583		21.46	20
Trichlorofluoromethane	1.508	1.283		-14.92	20
1,1,2-Trichlorotrifluoroethane	0.610	0.605		-0.82	20
1,1-Dichloroethene	0.560	0.606		8.21	20
Acetone	0.357	0.316		-11.48	20
Carbon Disulfide	1.065	1.175		10.33	20
Methyl tert-butyl Ether	2.187	2.162		-1.14	20
Methyl Acetate	0.922	0.917		-0.54	20
Methylene Chloride	0.671	0.694		3.43	20
trans-1,2-Dichloroethene	0.596	0.622		4.36	20
1,1-Dichloroethane	1.172	1.235	0.1	5.38	20
Cyclohexane	0.946	0.938		-0.85	20
2-Butanone	0.508	0.502		-1.18	20
Carbon Tetrachloride	0.482	0.502		4.15	20
cis-1,2-Dichloroethene	0.756	0.766		1.32	20
Bromochloromethane	0.575	0.549		-4.52	20
Chloroform	1.316	1.307		-0.68	20
1,1,1-Trichloroethane	1.093	1.128		3.2	20
Methylcyclohexane	0.535	0.545		1.87	20
Benzene	1.359	1.475		8.54	20
1,2-Dichloroethane	0.560	0.564		0.71	20
Trichloroethene	0.339	0.355		4.72	20
1,2-Dichloropropane	0.347	0.365		5.19	20
Bromodichloromethane	0.465	0.515		10.75	20
4-Methyl-2-Pentanone	0.556	0.569		2.34	20
Toluene	0.853	0.893		4.69	20
t-1,3-Dichloropropene	0.455	0.481		5.71	20
cis-1,3-Dichloropropene	0.507	0.550		8.48	20
1,1,2-Trichloroethane	0.339	0.364		7.38	20
2-Hexanone	0.403	0.416		3.23	20
Dibromochloromethane	0.326	0.357		9.51	20
1,2-Dibromoethane	0.345	0.374		8.41	20
Tetrachloroethene	0.332	0.350		5.42	20
Chlorobenzene	1.071	1.130	0.3	5.51	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	1.851	1.951		5.4	20
m/p-Xylenes	0.679	0.742		9.28	20
o-Xylene	0.687	0.733		6.7	20
Styrene	1.102	1.211		9.89	20
Bromoform	0.219	0.252	0.1	15.07	20
Isopropylbenzene	3.828	4.037		5.46	20
1,1,2,2-Tetrachloroethane	1.329	1.368	0.3	2.93	20
1,3-Dichlorobenzene	1.621	1.711		5.55	20
1,4-Dichlorobenzene	1.667	1.693		1.56	20
1,2-Dichlorobenzene	1.684	1.757		4.34	20
1,2-Dibromo-3-Chloropropane	0.258	0.249		-3.49	20
1,2,4-Trichlorobenzene	0.923	0.990		7.26	20
1,2,3-Trichlorobenzene	0.979	1.012		3.37	20
1,2-Dichloroethane-d4	0.877	0.798		-9.01	20
Dibromofluoromethane	0.346	0.354		2.31	20
Toluene-d8	1.168	1.174		0.51	20
4-Bromofluorobenzene	0.408	0.401		-1.72	20

All other compounds must meet a minimum RRF of 0.010.
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