

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: EAEN05

Lab Code: CHEM Case No.: P4846 SAS No.: P4846 SDG No.: P4846

Instrument ID: MSVOA_X Calibration Date/Time: 11/22/2024 11:22

Lab File ID: VX043950.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.699		10.43	20
Chloromethane	0.667	0.733	0.1	9.9	20
Vinyl Chloride	0.709	0.742		4.65	20
Bromomethane	0.436	0.458		5.05	20
Chloroethane	0.432	0.419		-3.01	20
Trichlorofluoromethane	1.268	1.478		16.56	20
1,1,2-Trichlorotrifluoroethane	0.605	0.652		7.77	20
1,1-Dichloroethene	0.576	0.586		1.74	20
Acetone	0.394	0.395		0.25	20
Carbon Disulfide	1.188	1.132		-4.71	20
Methyl tert-butyl Ether	2.092	2.228		6.5	20
Methyl Acetate	0.917	0.947		3.27	20
Methylene Chloride	0.668	0.684		2.39	20
trans-1,2-Dichloroethene	0.595	0.624		4.87	20
1,1-Dichloroethane	1.161	1.252	0.1	7.84	20
Cyclohexane	0.956	1.019		6.59	20
2-Butanone	0.508	0.528		3.94	20
Carbon Tetrachloride	0.500	0.540		8	20
cis-1,2-Dichloroethene	0.735	0.765		4.08	20
Bromochloromethane	0.511	0.493		-3.52	20
Chloroform	1.249	1.325		6.09	20
1,1,1-Trichloroethane	1.077	1.175		9.1	20
Methylcyclohexane	0.578	0.634		9.69	20
Benzene	1.387	1.498		8	20
1,2-Dichloroethane	0.557	0.607		8.98	20
Trichloroethene	0.393	0.368		-6.36	20
1,2-Dichloropropane	0.340	0.374		10	20
Bromodichloromethane	0.482	0.527		9.34	20
4-Methyl-2-Pentanone	0.537	0.578		7.64	20
Toluene	0.830	0.912		9.88	20
t-1,3-Dichloropropene	0.491	0.540		9.98	20
cis-1,3-Dichloropropene	0.539	0.582		7.98	20
1,1,2-Trichloroethane	0.343	0.359		4.66	20
2-Hexanone	0.403	0.435		7.94	20
Dibromochloromethane	0.344	0.370		7.56	20
1,2-Dibromoethane	0.346	0.374		8.09	20
Tetrachloroethene	0.330	0.358		8.48	20
Chlorobenzene	1.098	1.156	0.3	5.28	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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Ethyl Benzene	1.861	2.060		10.69	20
m/p-Xylenes	0.694	0.769		10.81	20
o-Xylene	0.678	0.748		10.32	20
Styrene	1.121	1.258		12.22	20
Bromoform	0.240	0.263	0.1	9.58	20
Isopropylbenzene	3.843	4.000		4.09	20
1,1,2,2-Tetrachloroethane	1.316	1.353	0.3	2.81	20
1,3-Dichlorobenzene	1.670	1.740		4.19	20
1,4-Dichlorobenzene	1.702	1.754		3.06	20
1,2-Dichlorobenzene	1.685	1.762		4.57	20
1,2-Dibromo-3-Chloropropane	0.264	0.275		4.17	20
1,2,4-Trichlorobenzene	0.994	1.078		8.45	20
1,2,3-Trichlorobenzene	1.006	1.107		10.04	20
1,2-Dichloroethane-d4	0.858	0.843		-1.75	20
Dibromofluoromethane	0.357	0.359		0.56	20
Toluene-d8	1.232	1.251		1.54	20
4-Bromofluorobenzene	0.419	0.433		3.34	20

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