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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: P4471 SAS No.: P4471 SDG No.: P4471

Instrument ID: MSVOA_Y Calibration Date/Time: 10/23/2024 10:58

Lab File ID: VY019985.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	0.411		-11.61	20
Chloromethane	0.606	0.604	0.1	-0.33	20
Vinyl Chloride	0.667	0.694		4.05	20
Bromomethane	0.422	0.448		6.16	20
Chloroethane	0.448	0.492		9.82	20
Trichlorofluoromethane	0.992	1.072		8.06	20
1,1,2-Trichlorotrifluoroethane	0.577	0.622		7.8	20
1,1-Dichloroethene	0.536	0.538		0.37	20
Acetone	0.160	0.176		10	20
Carbon Disulfide	1.438	1.233		-14.26	20
Methyl tert-butyl Ether	1.541	1.661		7.79	20
Methyl Acetate	0.345	0.377		9.27	20
Methylene Chloride	0.647	0.640		-1.08	20
trans-1,2-Dichloroethene	0.584	0.603		3.25	20
1,1-Dichloroethane	1.172	1.359	0.1	15.96	20
Cyclohexane	1.029	1.019		-0.97	20
2-Butanone	0.215	0.227		5.58	20
Carbon Tetrachloride	0.510	0.557		9.22	20
cis-1,2-Dichloroethene	0.721	0.807		11.93	20
Bromochloromethane	0.516	0.604		17.05	20
Chloroform	1.195	1.409		17.91	20
1,1,1-Trichloroethane	1.047	1.201		14.71	20
Methylcyclohexane	0.599	0.618		3.17	20
Benzene	1.439	1.569		9.03	20
1,2-Dichloroethane	0.413	0.455		10.17	20
Trichloroethene	0.348	0.364		4.6	20
1,2-Dichloropropane	0.360	0.404		12.22	20
Bromodichloromethane	0.522	0.598		14.56	20
4-Methyl-2-Pentanone	0.258	0.275		6.59	20
Toluene	0.898	0.993		10.58	20
t-1,3-Dichloropropene	0.470	0.510		8.51	20
cis-1,3-Dichloropropene	0.554	0.608		9.75	20
1,1,2-Trichloroethane	0.259	0.272		5.02	20
2-Hexanone	0.184	0.198		7.61	20
Dibromochloromethane	0.333	0.364		9.31	20
1,2-Dibromoethane	0.234	0.242		3.42	20
Tetrachloroethene	0.356	0.354		-0.56	20
Chlorobenzene	1.144	1.251	0.3	9.35	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	2.355		13.39	20
m/p-Xylenes	0.767	0.864		12.65	20
o-Xylene	0.737	0.825		11.94	20
Styrene	1.244	1.413		13.59	20
Bromoform	0.207	0.221	0.1	6.76	20
Isopropylbenzene	4.206	4.708		11.94	20
1,1,2,2-Tetrachloroethane	0.747	0.789	0.3	5.62	20
1,3-Dichlorobenzene	1.802	1.923		6.72	20
1,4-Dichlorobenzene	1.771	1.886		6.49	20
1,2-Dichlorobenzene	1.584	1.705		7.64	20
1,2-Dibromo-3-Chloropropane	0.119	0.119		0	20
1,2,4-Trichlorobenzene	0.888	0.935		5.29	20
1,2,3-Trichlorobenzene	0.751	0.768		2.26	20
1,2-Dichloroethane-d4	0.616	0.728		18.18	20
Dibromofluoromethane	0.330	0.395		19.7	20
Toluene-d8	1.218	1.417		16.34	20
4-Bromofluorobenzene	0.440	0.515		17.05	20

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