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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCHE03

Lab Code: CHEM Case No.: P4385 SAS No.: P4385 SDG No.: P4385

Instrument ID: MSVOA_Y Calibration Date/Time: 10/11/2024 10:11

Lab File ID: VY019862.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	0.458		-1.5	20
Chloromethane	0.606	0.624	0.1	2.97	20
Vinyl Chloride	0.667	0.692		3.75	20
Bromomethane	0.422	0.422		0	20
Chloroethane	0.448	0.447		-0.22	20
Trichlorofluoromethane	0.992	0.984		-0.81	20
1,1,2-Trichlorotrifluoroethane	0.577	0.573		-0.69	20
1,1-Dichloroethene	0.536	0.536		0	20
Acetone	0.160	0.178		11.25	20
Carbon Disulfide	1.438	1.506		4.73	20
Methyl tert-butyl Ether	1.541	1.439		-6.62	20
Methyl Acetate	0.345	0.323		-6.38	20
Methylene Chloride	0.647	0.579		-10.51	20
trans-1,2-Dichloroethene	0.584	0.578		-1.03	20
1,1-Dichloroethane	1.172	1.171	0.1	-0.09	20
Cyclohexane	1.029	0.991		-3.69	20
2-Butanone	0.215	0.217		0.93	20
Carbon Tetrachloride	0.510	0.526		3.14	20
cis-1,2-Dichloroethene	0.721	0.716		-0.69	20
Bromochloromethane	0.516	0.467		-9.5	20
Chloroform	1.195	1.196		0.08	20
1,1,1-Trichloroethane	1.047	1.049		0.19	20
Methylcyclohexane	0.599	0.595		-0.67	20
Benzene	1.439	1.447		0.56	20
1,2-Dichloroethane	0.413	0.406		-1.7	20
Trichloroethene	0.348	0.343		-1.44	20
1,2-Dichloropropane	0.360	0.362		0.56	20
Bromodichloromethane	0.522	0.517		-0.96	20
4-Methyl-2-Pentanone	0.258	0.244		-5.43	20
Toluene	0.898	0.918		2.23	20
t-1,3-Dichloropropene	0.470	0.458		-2.55	20
cis-1,3-Dichloropropene	0.554	0.547		-1.26	20
1,1,2-Trichloroethane	0.259	0.248		-4.25	20
2-Hexanone	0.184	0.191		3.8	20
Dibromochloromethane	0.333	0.324		-2.7	20
1,2-Dibromoethane	0.234	0.220		-5.98	20
Tetrachloroethene	0.356	0.339		-4.78	20
Chlorobenzene	1.144	1.138	0.3	-0.52	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	2.106		1.4	20
m/p-Xylenes	0.767	0.769		0.26	20
o-Xylene	0.737	0.742		0.68	20
Styrene	1.244	1.260		1.29	20
Bromoform	0.207	0.193	0.1	-6.76	20
Isopropylbenzene	4.206	4.265		1.4	20
1,1,2,2-Tetrachloroethane	0.747	0.734	0.3	-1.74	20
1,3-Dichlorobenzene	1.802	1.770		-1.78	20
1,4-Dichlorobenzene	1.771	1.725		-2.6	20
1,2-Dichlorobenzene	1.584	1.557		-1.71	20
1,2-Dibromo-3-Chloropropane	0.119	0.109		-8.4	20
1,2,4-Trichlorobenzene	0.888	0.864		-2.7	20
1,2,3-Trichlorobenzene	0.751	0.705		-6.13	20
1,2-Dichloroethane-d4	0.616	0.572		-7.14	20
Dibromofluoromethane	0.330	0.321		-2.73	20
Toluene-d8	1.218	1.205		-1.07	20
4-Bromofluorobenzene	0.440	0.420		-4.55	20

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