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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BAPS03

Lab Code: CHEM Case No.: P4822 SAS No.: P4822 SDG No.: P4822

Instrument ID: MSVOA_Y Calibration Date/Time: 11/13/2024 10:21

Lab File ID: VY020276.D Init. Calib. Date(s): 10/30/2024 10/30/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:39 14:52

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.463	0.401		-13.39	20
Chloromethane	0.767	0.689	0.1	-10.17	20
Vinyl Chloride	0.823	0.746		-9.36	20
Bromomethane	0.546	0.432		-20.88	20
Chloroethane	0.531	0.487		-8.29	20
Trichlorofluoromethane	1.005	1.111		10.55	20
1,1,2-Trichlorotrifluoroethane	0.564	0.567		0.53	20
1,1-Dichloroethene	0.540	0.556		2.96	20
Acetone	0.145	0.179		23.45	20
Carbon Disulfide	1.796	1.622		-9.69	20
Methyl tert-butyl Ether	1.357	1.551		14.3	20
Methyl Acetate	0.340	0.333		-2.06	20
Methylene Chloride	0.652	0.566		-13.19	20
trans-1,2-Dichloroethene	0.609	0.663		8.87	20
1,1-Dichloroethane	1.170	1.155	0.1	-1.28	20
Cyclohexane	1.132	1.006		-11.13	20
2-Butanone	0.197	0.193		-2.03	20
Carbon Tetrachloride	0.494	0.539		9.11	20
cis-1,2-Dichloroethene	0.700	0.692		-1.14	20
Bromochloromethane	0.548	0.536		-2.19	20
Chloroform	1.161	1.164		0.26	20
1,1,1-Trichloroethane	1.013	1.091		7.7	20
Methylcyclohexane	0.623	0.594		-4.66	20
Benzene	1.433	1.465		2.23	20
1,2-Dichloroethane	0.397	0.405		2.02	20
Trichloroethene	0.332	0.345		3.92	20
1,2-Dichloropropane	0.343	0.345		0.58	20
Bromodichloromethane	0.487	0.530		8.83	20
4-Methyl-2-Pentanone	0.232	0.214		-7.76	20
Toluene	0.884	0.813		-8.03	20
t-1,3-Dichloropropene	0.430	0.392		-8.84	20
cis-1,3-Dichloropropene	0.513	0.507		-1.17	20
1,1,2-Trichloroethane	0.231	0.210		-9.09	20
2-Hexanone	0.166	0.156		-6.02	20
Dibromochloromethane	0.295	0.275		-6.78	20
1,2-Dibromoethane	0.215	0.192		-10.7	20
Tetrachloroethene	0.330	0.379		14.85	20
Chlorobenzene	1.065	1.134	0.3	6.48	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	1.992	2.129		6.88	20
m/p-Xylenes	0.729	0.785		7.68	20
o-Xylene	0.690	0.740		7.25	20
Styrene	1.141	1.246		9.2	20
Bromoform	0.175	0.198	0.1	13.14	20
Isopropylbenzene	3.994	4.264		6.76	20
1,1,2,2-Tetrachloroethane	0.699	0.697	0.3	-0.29	20
1,3-Dichlorobenzene	1.641	1.747		6.46	20
1,4-Dichlorobenzene	1.634	1.688		3.31	20
1,2-Dichlorobenzene	1.426	1.760		23.42	20
1,2-Dibromo-3-Chloropropane	0.106	0.106		0	20
1,2,4-Trichlorobenzene	0.766	0.756		-1.3	20
1,2,3-Trichlorobenzene	0.650	0.619		-4.77	20
1,2-Dichloroethane-d4	0.624	0.621		-0.48	20
Dibromofluoromethane	0.318	0.347		9.12	20
Toluene-d8	1.265	1.142		-9.72	20
4-Bromofluorobenzene	0.411	0.385		-6.33	20

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