Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: MSVOA_N Calibration Date/Time: 12/17/2024 12:10

Lab File ID: VN085218.D Init. Calib. Date(s): 11/22/2024 11/22/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:22 13:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.565	0.772		36.64	20
Chloromethane	0.656	0.652	0.1	-0.61	20
Vinyl Chloride	0.589	0.663		12.56	20
Bromomethane	0.330	0.408		23.64	20
Chloroethane	0.397	0.422		6.3	20
Trichlorofluoromethane	1.002	1.128		12.57	20
1,1,2-Trichlorotrifluoroethane	0.569	0.607		6.68	20
1,1-Dichloroethene	0.531	0.562		5.84	20
Acetone	0.207	0.241		16.42	20
Carbon Disulfide	1.566	1.673		6.83	20
Methyl tert-butyl Ether	1.734	1.843		6.29	20
Methyl Acetate	0.804	0.705		-12.31	20
Methylene Chloride	0.633	0.642		1.42	20
trans-1,2-Dichloroethene	0.558	0.593		6.27	20
1,1-Dichloroethane	1.078	1.084	0.1	0.56	20
Cyclohexane	0.949	0.905		-4.64	20
2-Butanone	0.339	0.374		10.32	20
Carbon Tetrachloride	0.527	0.624		18.41	20
cis-1,2-Dichloroethene	0.673	0.671		-0.3	20
Bromochloromethane	0.407	0.390		-4.18	20
Chloroform	1.146	1.172		2.27	20
1,1,1-Trichloroethane	1.036	1.092		5.41	20
Methylcyclohexane	0.475	0.540		13.68	20
Benzene	1.445	1.594		10.39	20
1,2-Dichloroethane	0.494	0.554		12.15	20
Trichloroethene	0.336	0.372		10.71	20
1,2-Dichloropropane	0.356	0.378		6.18	20
Bromodichloromethane	0.524	0.592		12.98	20
4-Methyl-2-Pentanone	0.394	0.516		30.96	20
Toluene	0.855	1.008		17.9	20
t-1,3-Dichloropropene	0.525	0.585		11.43	20
cis-1,3-Dichloropropene	0.557	0.621		11.49	20
1,1,2-Trichloroethane	0.319	0.377		18.18	20
2-Hexanone	0.295	0.384		30.17	20
Dibromochloromethane	0.389	0.473		21.59	20
1,2-Dibromoethane	0.330	0.386		16.97	20
Tetrachloroethene	0.337	0.376		11.57	20
Chlorobenzene	1.134	1.180	0.3	4.06	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	1.840	2.098		14.02	20
m/p-Xylenes	0.700	0.818		16.86	20
o-Xylene	0.666	0.770		15.62	20
Styrene	1.108	1.338		20.76	20
Bromoform	0.296	0.362	0.1	22.3	20
Isopropylbenzene	3.527	3.699		4.88	20
1,1,2,2-Tetrachloroethane	1.205	1.150	0.3	-4.49	20
1,3-Dichlorobenzene	1.872	1.753		-6.36	20
1,4-Dichlorobenzene	1.911	1.731		-9.42	20
1,2-Dichlorobenzene	1.794	1.655		-7.75	20
1,2-Dibromo-3-Chloropropane	0.233	0.238		2.15	20
1,2,4-Trichlorobenzene	0.975	0.826		-15.28	20
1,2,3-Trichlorobenzene	0.930	0.834		-10.32	20
1,2-Dichloroethane-d4	0.712	0.698		-1.97	20
Dibromofluoromethane	0.337	0.372		10.39	20
Toluene-d8	1.208	1.254		3.81	20
4-Bromofluorobenzene	0.452	0.501		10.84	20

All other compounds must meet a minimum RRF of 0.010.
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