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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2371 SAS No.: Q2371 SDG No.: Q2371

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2371 SAS No.: Q2371 SDG No.: Q2371

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	13.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.