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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG No.: Q2010

Instrument ID: MSVOA_D Calibration Date(s): 05/06/2025 05/06/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:33 15:47

GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID: RRF005 = VD080290.D RRF010 = VD080291.D RRF020 = VD080292.D
RRF050 = VD080293.D RRF100 = VD080294.D RRF150 = VD080295.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.732	0.664	0.648	0.388	0.418	0.406	0.543	28.5
Chloromethane	1.499	1.184	1.124	0.803	0.825	0.802	1.039	27.1
Vinyl Chloride	1.664	1.460	1.398	1.065	1.111	1.101	1.300	18.8
Bromomethane	1.188	0.914	1.047	0.732	0.837	0.895	0.936	17.2
Chloroethane	1.103	0.992	1.005	0.776	0.827	0.812	0.919	14.4
Trichlorofluoromethane	1.252	1.072	1.052	0.846	0.892	0.866	0.997	15.8
1,1,2-Trichlorotrifluoroethane	0.797	0.659	0.635	0.524	0.537	0.533	0.614	17.3
1,1-Dichloroethene	0.775	0.620	0.620	0.514	0.549	0.554	0.605	15.4
Acetone	0.181	0.122	0.110	0.097	0.100	0.102	0.119	27
Carbon Disulfide	2.743	2.221	2.214	1.751	1.850	1.835	2.102	17.7
Methyl tert-butyl Ether	1.396	1.161	1.333	1.247	1.405	1.438	1.330	8.1
Methyl Acetate	0.506	0.453	0.401	0.349	0.392	0.409	0.418	13
Methylene Chloride	1.259	0.906	0.802	0.657	0.666	0.657	0.825	28.5
trans-1,2-Dichloroethene	0.818	0.627	0.664	0.584	0.629	0.625	0.658	12.5
1,1-Dichloroethane	1.445	1.287	1.247	1.102	1.160	1.165	1.234	9.9
Cyclohexane	1.309	1.043	1.046	0.919	0.990	0.995	1.050	12.8
2-Butanone	0.204	0.164	0.175	0.167	0.176	0.182	0.178	8.1
Carbon Tetrachloride	0.527	0.532	0.559	0.492	0.513	0.512	0.522	4.3
cis-1,2-Dichloroethene	0.798	0.705	0.726	0.663	0.738	0.742	0.729	6.1
Bromochloromethane	0.699	0.600	0.578	0.537	0.524	0.510	0.575	12.2
Chloroform	1.450	1.234	1.268	1.107	1.163	1.162	1.231	9.9
1,1,1-Trichloroethane	1.148	1.022	1.030	0.898	0.959	0.968	1.004	8.5
Methylcyclohexane	0.561	0.532	0.577	0.544	0.636	0.638	0.581	7.9
Benzene	1.653	1.479	1.609	1.462	1.611	1.602	1.569	5
1,2-Dichloroethane	0.489	0.448	0.482	0.422	0.450	0.438	0.455	5.7
Trichloroethene	0.388	0.353	0.378	0.334	0.368	0.365	0.364	5.3
1,2-Dichloropropane	0.404	0.391	0.416	0.386	0.412	0.407	0.402	3
Bromodichloromethane	0.576	0.542	0.563	0.528	0.568	0.560	0.556	3.2
4-Methyl-2-Pentanone	0.211	0.204	0.257	0.248	0.273	0.276	0.245	12.6
Toluene	0.880	0.863	0.961	0.918	1.031	1.020	0.945	7.5

* 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: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG No.: Q2010

Instrument ID: MSVOA_D Calibration Date(s): 05/06/2025 05/06/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:33 15:47

GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID: RRF005 = VD080290.D RRF010 = VD080291.D RRF020 = VD080292.D
RRF050 = VD080293.D RRF100 = VD080294.D RRF150 = VD080295.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.498	0.458	0.509	0.488	0.541	0.548	0.507	6.7
cis-1,3-Dichloropropene	0.566	0.528	0.602	0.573	0.630	0.628	0.588	6.8
1,1,2-Trichloroethane	0.295	0.281	0.296	0.285	0.294	0.289	0.290	2.1
2-Hexanone	0.155	0.139	0.168	0.170	0.189	0.189	0.168	11.7
Dibromochloromethane	0.353	0.338	0.379	0.354	0.380	0.376	0.363	4.8
1,2-Dibromoethane	0.270	0.244	0.293	0.252	0.279	0.275	0.269	6.8
Tetrachloroethene	0.360	0.339	0.352	0.316	0.331	0.334	0.339	4.6
Chlorobenzene	1.242	1.073	1.130	1.071	1.123	1.134	1.129	5.5
Ethyl Benzene	1.759	1.647	1.863	1.857	2.086	2.108	1.887	9.6
m/p-Xylenes	0.659	0.640	0.739	0.738	0.809	0.810	0.733	9.8
o-Xylene	0.603	0.600	0.649	0.665	0.743	0.757	0.669	10.1
Styrene	1.065	1.039	1.200	1.219	1.338	1.351	1.202	10.9
Bromoform	0.237	0.226	0.235	0.220	0.233	0.231	0.230	2.8
Isopropylbenzene	3.191	2.869	3.174	3.172	3.480	3.575	3.243	7.8
1,1,2,2-Tetrachloroethane	0.803	0.695	0.752	0.650	0.693	0.686	0.713	7.7
1,3-Dichlorobenzene	1.873	1.692	1.761	1.652	1.754	1.796	1.755	4.4
1,4-Dichlorobenzene	2.078	1.687	1.789	1.640	1.699	1.719	1.769	9
1,2-Dichlorobenzene	1.677	1.430	1.549	1.445	1.519	1.525	1.524	5.8
1,2-Dibromo-3-Chloropropane	0.123	0.126	0.113	0.106	0.105	0.108	0.114	7.9
1,2,4-Trichlorobenzene	1.137	0.827	0.914	0.915	0.972	0.985	0.959	10.8
1,2,3-Trichlorobenzene	0.980	0.750	0.826	0.824	0.884	0.881	0.857	9
1,2-Dichloroethane-d4	0.770	0.661	0.646	0.590	0.606	0.606	0.647	10.2
Dibromofluoromethane	0.339	0.320	0.340	0.334	0.337	0.339	0.335	2.3
Toluene-d8	1.242	1.231	1.299	1.330	1.409	1.412	1.320	6
4-Bromofluorobenzene	0.362	0.409	0.414	0.425	0.468	0.466	0.424	9.4

* 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.