284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1022 SAS No.: Q1022 SDG No.: Q1022

Instrument ID: MSVOA_X Calibration Date(s): 01/07/2025 01/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:06 12:00

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

LAB FILE ID: RRF001 = VX044596.D RRF005 = VX044597.D RRF020 = VX044598.D
RRF050 = VX044599.D RRF100 = VX044600.D RRF150 = VX044601.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.736	0.794	0.736	0.736	0.703	0.621	0.721	7.9
Vinyl Chloride	0.629	0.704	0.696	0.710	0.696	0.624	0.676	5.8
Bromomethane		0.380	0.364	0.369	0.369	0.270	0.350	13
Chloroethane	0.482	0.371	0.371	0.324	0.387		0.387	15.1
Trichlorofluoromethane	0.982	1.037	0.991	1.084	1.092	0.855	1.007	8.7
1,1,2-Trichlorotrifluoroethane	0.557	0.586	0.583	0.588	0.596	0.554	0.577	3.1
1,1-Dichloroethene	0.539	0.587	0.549	0.562	0.565	0.553	0.559	3
Acetone	0.310	0.215	0.270	0.275	0.263	0.192	0.254	17
Carbon Disulfide	0.909	1.045	1.058	1.220	1.356	1.352	1.157	15.7
Methyl tert-butyl Ether	1.768	1.979	1.965	2.051	2.012	1.726	1.917	7.1
Methylene Chloride	0.687	0.657	0.661	0.657	0.629	0.598	0.648	4.7
trans-1,2-Dichloroethene	0.554	0.579	0.580	0.580	0.588	0.562	0.574	2.3
1,1-Dichloroethane	1.017	1.181	1.171	1.182	1.156	0.980	1.114	8.2
2-Butanone	0.295	0.393	0.403	0.409	0.399	0.303	0.367	14.4
Carbon Tetrachloride	0.467	0.457	0.491	0.516	0.534	0.488	0.492	5.9
cis-1,2-Dichloroethene	0.601	0.763	0.715	0.731	0.711	0.679	0.700	7.9
Chloroform	1.142	1.316	1.258	1.253	1.210	1.028	1.201	8.5
1,1,1-Trichloroethane	0.848	1.057	1.051	1.087	1.084	0.939	1.011	9.5
Methylcyclohexane	0.512	0.566	0.572	0.580	0.592	0.571	0.566	4.9
Benzene	1.291	1.449	1.463	1.448	1.399	1.324	1.396	5.2
1,2-Dichloroethane	0.473	0.586	0.603	0.599	0.577	0.437	0.546	13.2
Trichloroethene	0.355	0.364	0.358	0.349	0.353	0.362	0.357	1.6
1,2-Dichloropropane	0.314	0.340	0.363	0.362	0.353	0.310	0.340	6.9
Bromodichloromethane	0.401	0.472	0.503	0.524	0.530	0.459	0.482	10
4-Methyl-2-Pentanone	0.361	0.455	0.486	0.491	0.477	0.354	0.437	14.4
Toluene	0.736	0.867	0.896	0.878	0.865	0.811	0.842	7
t-1,3-Dichloropropene	0.330	0.416	0.486	0.519	0.537	0.473	0.460	16.6
cis-1,3-Dichloropropene	0.426	0.480	0.533	0.570	0.575	0.521	0.517	11
1,1,2-Trichloroethane	0.308	0.345	0.349	0.345	0.326	0.308	0.330	5.7
2-Hexanone	0.232	0.310	0.348	0.359	0.348	0.259	0.309	17.1

* 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.

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COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dibromochloromethane	0.231	0.305	0.339	0.368	0.371	0.362	0.329	16.4
Tetrachloroethene	0.360	0.370	0.362	0.346	0.338	0.345	0.354	3.5
Chlorobenzene	0.977	1.089	1.086	1.088	1.063	1.065	1.061	4
Ethyl Benzene	1.555	1.854	1.919	1.928	1.895	1.783	1.822	7.8
m/p-Xylenes	0.518	0.677	0.713	0.715	0.711	0.684	0.670	11.4
o-Xylene	0.636	0.650	0.696	0.696	0.693	0.683	0.676	3.8
Styrene	0.790	1.026	1.156	1.187	1.181	1.145	1.081	14.3
Bromoform	0.153	0.200	0.225	0.248	0.271	0.293	0.232	21.9
Isopropylbenzene	3.392	3.801	3.892	3.885	3.740	3.516	3.704	5.6
1,1,2,2-Tetrachloroethane	1.145	1.320	1.227	1.255	1.166	1.051	1.194	7.9
1,3-Dichlorobenzene	1.456	1.659	1.683	1.688	1.629	1.653	1.628	5.4
1,4-Dichlorobenzene	1.762	1.780	1.665	1.685	1.637	1.646	1.696	3.6
1,2-Dichlorobenzene	1.560	1.699	1.669	1.699	1.612	1.630	1.645	3.3
1,2-Dichloroethane-d4		0.919	0.850	0.817	0.819	0.626	0.806	13.5
Dibromofluoromethane		0.354	0.347	0.335	0.348	0.330	0.343	3
Toluene-d8		1.192	1.213	1.156	1.185	1.109	1.171	3.5
4-Bromofluorobenzene		0.404	0.416	0.415	0.432	0.400	0.413	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.