

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROMA02

Lab Code: ACE

SDG No.: Q3725

Instrument ID: MSVOA_Y

Calibration Date(s): 11/26/2025 11/26/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 08:04 10:02

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

LAB FILE ID:								
RRF005 = VY023809.D			RRF010 = VY023810.D			RRF020 = VY023811.D		
RRF050 = VY023812.D			RRF100 = VY023813.D			RRF150 = VY023814.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.4
Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.8
Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.3
Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14
Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.8
Trichlorofluoromethane	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.3
Tert butyl alcohol	0.053	0.040	0.037	0.034	0.041	0.035	0.040	17.7
1,1-Dichloroethene	0.508	0.487	0.491	0.471	0.476	0.471	0.484	3
Acrolein	0.060	0.053	0.056	0.056	0.060	0.059	0.057	5
Acrylonitrile	0.109	0.106	0.111	0.115	0.128	0.118	0.115	6.9
Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.1
Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.6
Methyl tert-butyl Ether	1.182	1.158	1.200	1.242	1.355	1.287	1.237	6
Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.5
Methylene Chloride	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.5
trans-1,2-Dichloroethene	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.3
1,1-Dichloroethane	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.4
2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.4
Carbon Tetrachloride	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.3
cis-1,2-Dichloroethene	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.6
Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	3
1,1,1-Trichloroethane	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.3
Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2
1,2-Dichloroethane	0.365	0.354	0.358	0.359	0.372	0.354	0.360	2
Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.6
1,2-Dichloropropane	0.324	0.325	0.336	0.329	0.339	0.324	0.330	2
Bromodichloromethane	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.9
Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.1
t-1,3-Dichloropropene	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.2
cis-1,3-Dichloropropene	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.5

* 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.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>ROMA02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3725</u>
Instrument ID: <u>MSVOA_Y</u>	Calibration Date(s): <u>11/26/2025</u> <u>11/26/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>08:04</u> <u>10:02</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:		RRF005 = VY023809.D		RRF010 = VY023810.D		RRF020 = VY023811.D		
		RRF050 = VY023812.D		RRF100 = VY023813.D		RRF150 = VY023814.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
1,1,2-Trichloroethane	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4
Dibromochloromethane	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.7
1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.4
Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.4
Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.4
Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4
m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.2
o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5
Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.2
Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.9
1,1,2,2-Tetrachloroethane	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.2
1,2,4-Trimethylbenzene	2.707	2.817	2.933	2.962	3.046	2.905	2.895	4.1
1,3-Dichlorobenzene	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.3
1,4-Dichlorobenzene	1.798	1.678	1.645	1.635	1.662	1.601	1.670	4.1
1,2-Dichlorobenzene	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.9
1,2-Dibromo-3-Chloropropane	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.7
1,2,4-Trichlorobenzene	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.5
1,2-Dichloroethane-d4	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.5
Dibromofluoromethane	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.1
Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.8
4-Bromofluorobenzene	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.8

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