

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>GFEL01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3306</u>
Instrument ID: <u>MSVOA_L</u>	Calibration Date(s): <u>10/02/2025</u> <u>10/02/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:50</u> <u>13:41</u>
GC Column: <u>RTX-1</u> ID: <u>0.32</u> (mm)	

LAB FILE ID:								
RRF0.5 = VL043031.D			RRF010 = VL043032.D			RRF002 = VL043033.D		
RRF001 = VL043034.D			RRF0.1 = VL043036.D			RRF.03 = VL043037.D		
COMPOUND	RRF0.5	RRF010	RRF002	RRF001	RRF0.1	RRF.03	RRF	% RSD
Vinyl Chloride	0.605	0.539	0.564	0.573	0.687	0.573	0.584	8.6
Heptane	1.332	1.760	1.650	1.565			1.616	11.2
1,1-Dichloroethane	1.347	1.206	1.295	1.365			1.287	5.6
Cyclohexane	0.947	1.191	1.145	1.068			1.110	9.5
cis-1,2-Dichloroethene	1.329	1.403	1.436	1.390			1.389	2.8
1,1,1-Trichloroethane	2.204	2.170	2.255	2.216	2.098	2.543	2.239	6.4
2,2,4-Trimethylpentane	1.388	1.593	1.589	1.494			1.533	6
Benzene	0.901	0.964	0.971	0.984			0.955	3.3
Trichloroethene	0.404	0.409	0.402	0.424	0.386	0.355	0.398	5.6
Toluene	0.790	1.087	0.966	0.881			0.965	13.7
Tetrachloroethene	0.339	0.345	0.352	0.343	0.328	0.424	0.354	9
Ethyl Benzene	1.232	1.759	1.598	1.379			1.549	15.4
m/p-Xylene	1.012	1.443	1.401	1.231			1.307	14.3
o-Xylene	1.020	1.439	1.385	1.216			1.302	14.1
1,3,5-Trimethylbenzene	1.041	1.470	1.423	1.271			1.340	14.1
1,2,4-Trimethylbenzene	1.133	1.633	1.676	1.492			1.513	14.8
Naphthalene	0.611	1.288	1.115	0.746	0.333		0.903	44.5
1-Bromo-4-Fluorobenzene	0.727	0.735	0.732	0.726	0.692	0.688	0.720	3
Hexane	1.261	1.401	1.413	1.271			1.351	5.8

* 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.