

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>GFEL01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q2834</u>
Instrument ID: <u>MSVOA_L</u>	Calibration Date(s): <u>08/13/2025</u> <u>08/13/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>08:30</u> <u>12:06</u>
GC Column: <u>RTX-1</u> ID: <u>0.32</u> (mm)	

LAB FILE ID:		RRF010 = VL042842.D		RRF002 = VL042843.D		RRF001 = VL042844.D		
		RRF0.5 = VL042845.D		RRF0.1 = VL042846.D		RRF.03 = VL042847.D		
COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	RRF	% RSD
Vinyl Chloride	0.502	0.550	0.559	0.593	0.639	0.728	0.582	13.7
Heptane	1.718	1.917	2.011	2.009			1.874	8
1,1-Dichloroethene	0.469	0.532	0.509	0.552			0.507	7.2
Cyclohexane	1.214	1.340	1.283	1.425			1.296	6.9
cis-1,2-Dichloroethene	1.346	1.524	1.524	1.625			1.476	8.1
1,1,1-Trichloroethane	1.999	2.215	2.148	2.209	2.528	2.448	2.230	8.7
2,2,4-Trimethylpentane	1.515	1.676	1.719	1.728			1.625	7.1
Benzene	0.912	0.990	0.978	1.013			0.958	5.3
Trichloroethene	0.399	0.453	0.448	0.501	0.448	0.416	0.437	8.3
Toluene	1.072	1.160	1.181	1.219			1.138	6.1
Tetrachloroethene	0.313	0.345	0.333	0.369	0.379	0.391	0.346	10.2
Ethyl Benzene	1.636	1.838	1.866	1.854			1.765	6.8
m/p-Xylene	1.283	1.455	1.454	1.447			1.383	6.8
o-Xylene	1.266	1.445	1.472	1.532			1.391	9.3
1,3,5-Trimethylbenzene	1.293	1.512	1.535	1.548			1.434	9.4
1,2,4-Trimethylbenzene	1.394	1.698	1.706	1.710			1.574	11.3
Naphthalene	1.315	1.746	1.647	1.383	1.174		1.427	15.5
1-Bromo-4-Fluorobenzene	0.755	0.744	0.760	0.755	0.746	0.736	0.750	1.1
Hexane	1.392	1.522	1.552	1.557			1.478	6.2

* 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.