

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>GFEL01</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3698</u>
Instrument ID: <u>MSVOA_L</u>	Calibration Date(s): <u>11/18/2025</u> <u>11/18/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>09:29</u> <u>13:24</u>
GC Column: <u>RTX-1</u> ID: <u>0.32</u> (mm)	

LAB FILE ID:		RRF0.5 = VL043203.D		RRF010 = VL043204.D		RRF002 = VL043205.D		
		RRF001 = VL043206.D		RRF0.1 = VL043208.D		RRF.03 = VL043209.D		
COMPOUND	RRF0.5	RRF010	RRF002	RRF001	RRF0.1	RRF.03	RRF	% RSD
Vinyl Chloride	0.533	0.486	0.575	0.580	0.655	0.724	0.577	15.3
Heptane	2.106	1.604	1.728	1.804			1.753	12.9
1,1-Dichloroethane	1.050	1.018	1.194	1.173			1.096	7.4
Cyclohexane	1.135	1.024	1.130	1.194			1.101	6.8
cis-1,2-Dichloroethene	1.399	1.240	1.322	1.351			1.306	5.8
1,1,1-Trichloroethane	1.971	1.884	2.033	2.018	2.046	2.116	1.990	4.5
2,2,4-Trimethylpentane	1.746	1.555	1.621	1.765			1.645	6.5
Benzene	0.996	0.905	0.986	1.001			0.958	5.3
Trichloroethene	0.390	0.353	0.371	0.388	0.475	0.293	0.375	14.6
Toluene	1.198	1.075	1.146	1.182			1.134	5.3
Tetrachloroethene	0.344	0.329	0.349	0.362	0.424	0.363	0.356	9.4
Ethyl Benzene	1.927	1.821	2.008	2.038			1.925	5.2
m/p-Xylene	1.618	1.434	1.607	1.611			1.543	6.1
o-Xylene	1.584	1.419	1.659	1.625			1.542	7.4
1,3,5-Trimethylbenzene	1.623	1.456	1.662	1.682			1.575	7.1
1,2,4-Trimethylbenzene	1.796	1.548	1.871	1.844			1.719	9.5
Naphthalene	1.483	1.496	1.860	1.599	1.230		1.527	13.4
1-Bromo-4-Fluorobenzene	0.729	0.735	0.741	0.733	0.725	0.712	0.733	1.9
Hexane	1.374	1.235	1.375	1.424			1.314	8.4

* 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.