

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance Technical Group, LLC</u>	Contract: <u>68HERH20D0011</u>
Lab Code: <u>ACE</u> Case No.: <u>ARC Sayrev</u>	MA No.: <u>30184323.C</u> SDG No.: <u>Q3084</u>
Analytical Method : <u>Trace VOA</u>	Level : _____
Instrument ID: <u>MSVOA_V</u>	Calibration Date(s): <u>09/15/2025</u> <u>09/15/2025</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	Calibration Time(s): <u>09:55</u> <u>12:08</u>
Length : <u>30</u> (m)	
Heated Purge: (Y/N): <u>N</u>	Purge Volume : <u>25</u> (mL)

LAB FILE ID:		RRF0.5 = VV039072.D			RRF1.0 = VV039067.D		
RRF5.0 = VV039068.D		RRF10 = VV039069.D			RRF20 = VV039070.D		
ANALYTE	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	RRF	% RSD
Vinyl chloride	0.527	0.557	0.558	0.576	0.520	0.548	4.3
1,1-Dichloroethene	0.409	0.396	0.431	0.431	0.385	0.411	5
Methylene chloride	0.558	0.475	0.442	0.440	0.394	0.462	13.2
1,1-Dichloroethane	0.719	0.760	0.803	0.811	0.739	0.766	5.2
cis-1,2-Dichloroethene	0.362	0.344	0.418	0.464	0.451	0.408	13.1
Chloroform	0.759	0.787	0.834	0.828	0.763	0.794	4.4
1,1,1-Trichloroethane	0.641	0.651	0.730	0.728	0.692	0.689	6
Benzene	1.363	1.337	1.723	1.759	1.687	1.574	13.1
1,2-Dichloroethane	0.381	0.351	0.437	0.449	0.420	0.407	10
Trichloroethene	0.398	0.389	0.436	0.451	0.446	0.424	6.7
Toluene	1.301	1.340	1.829	1.900	1.833	1.640	17.9
Tetrachloroethene	0.321	0.301	0.345	0.353	0.339	0.332	6.3
Chlorobenzene	0.973	0.944	1.096	1.150	1.130	1.059	8.9
o-Xylene	0.433	0.462	0.639	0.738	0.744	0.603	24.6
m,p-Xylene	0.487	0.509	0.707	0.795	0.789	0.657	22.8
1,1,2,2-Tetrachloroethane	0.302	0.285	0.329	0.331	0.314	0.312	6.2
1,4-Dichlorobenzene	1.693	1.580	1.714	1.755	1.700	1.688	3.9
1,2,4-trichlorobenzene	0.802	0.689	0.801	0.816	0.918	0.805	10.1
Vinyl Chloride-d3	0.385	0.374	0.399	0.429	0.385	0.394	5.4
Chloroethane-d5	0.332	0.311	0.355	0.372	0.339	0.342	6.8
1,1-Dichloroethene-d2	0.195	0.179	0.193	0.195	0.177	0.188	4.8
2-Butanone-d5	0.054	0.046	0.058	0.066	0.069	0.059	15.3
Chloroform-d	0.705	0.719	0.806	0.830	0.769	0.766	7.1
1,2-Dichloroethane-d4	0.301	0.294	0.343	0.348	0.327	0.323	7.6
Benzene-d6	1.225	1.100	1.464	1.556	1.496	1.368	14.3
1,2-Dichloropropane-d6	0.370	0.351	0.426	0.460	0.438	0.409	11.4
Toluene-d8	0.965	0.925	1.375	1.452	1.406	1.225	21
trans-1,3-Dichloropropene-d4	0.130	0.120	0.154	0.171	0.174	0.150	16.2
2-Hexanone-d5	0.037	0.033	0.048	0.059	0.064	0.048	28.3
1,1,2,2-Tetrachloroethane-d2	0.261	0.249	0.319	0.321	0.311	0.292	11.8
1,2-Dichlorobenzene-d4	0.780	0.726	0.805	0.860	0.853	0.805	6.9