

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : 82V100725W.M
 Title : SW846 8260
 Last Update : Wed Oct 08 05:01:26 2025
 Response Via : Initial Calibration

Calibration Files

1 =VV039282.D 5 =VV039283.D 10 =VV039284.D 20 =VV039285.D 50 =VV039286.D 100 =VV039287.D

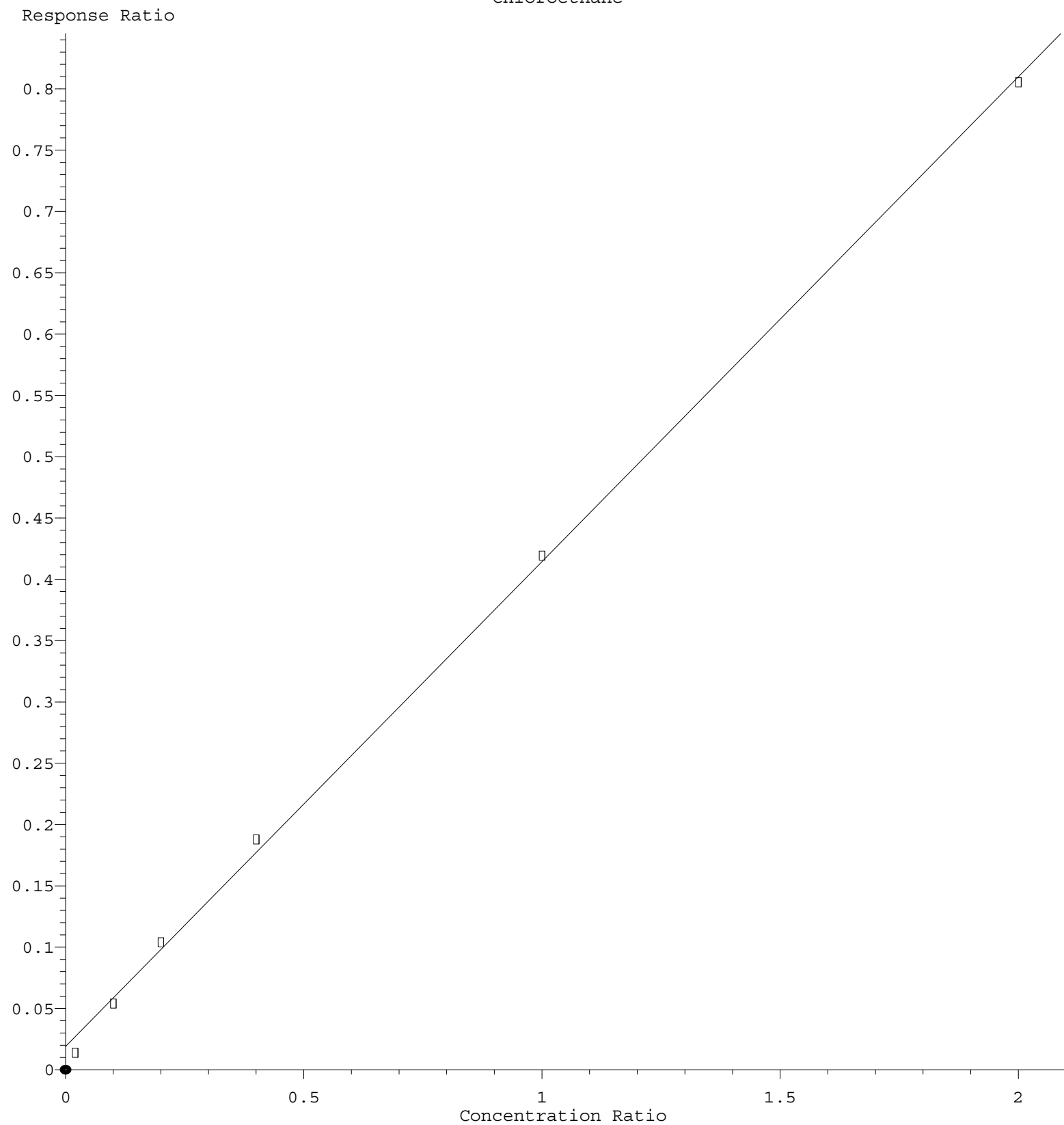
	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.626	0.584	0.740	0.647	0.598	0.596	0.632	9.17
3) P	Chloromethane	0.732	0.659	0.754	0.629	0.588	0.586	0.658	10.84
4) C	Vinyl Chloride	0.863	0.761	0.827	0.720	0.666	0.666	0.751	10.97#
5) T	Bromomethane		0.539	0.582	0.478	0.421	0.416	0.487	14.91
6) T	Chloroethane	0.693	0.540	0.519	0.470	0.419	0.403	0.507	20.85
7) T	Trichlorofluor...	1.374	1.185	1.258	1.095	0.992	0.976	1.147	13.57
8) T	Diethyl Ether	0.502	0.436	0.440	0.382	0.361	0.367	0.414	13.18
9) T	1,1,2-Trichlor...	0.800	0.726	0.754	0.655	0.597	0.588	0.687	12.67
10) T	Methyl Iodide		0.478	0.563	0.595	0.636	0.686	0.592	13.27
11) T	Tert butyl alc...		0.155	0.157	0.139	0.120	0.119	0.138	13.30
12) CM	1,1-Dichloroet...	0.846	0.713	0.711	0.637	0.569	0.570	0.674	15.63#
13) T	Acrolein		0.128	0.083	0.085	0.075	0.080	0.090	23.76
14) T	Allyl chloride	1.285	1.122	1.135	1.002	0.930	0.939	1.069	12.85
15) T	Acrylonitrile	0.523	0.423	0.434	0.380	0.344	0.346	0.408	16.56
16) T	Acetone	0.585	0.406	0.420	0.355	0.339	0.321	0.404	23.81
17) T	Carbon Disulfide	2.560	1.934	2.027	1.751	1.589	1.565	1.904	19.43
18) T	Methyl Acetate	1.062	0.818	1.044	0.928	0.828	0.843	0.921	11.94
19) T	Methyl tert-bu...	2.377	2.087	2.168	1.923	1.798	1.822	2.029	11.04
20) T	Methylene Chlo...	1.144	0.831	0.798	0.715	0.627	0.616	0.788	24.70
21) T	trans-1,2-Dich...	0.929	0.742	0.755	0.654	0.592	0.587	0.710	18.15
22) T	Diisopropyl ether	2.024	1.935	2.102	1.896	1.781	1.776	1.919	6.78
23) T	Vinyl Acetate	1.820	1.723	1.812	1.642	1.557	1.554	1.685	7.08
24) P	1,1-Dichloroet...	1.599	1.384	1.378	1.195	1.092	1.066	1.286	15.95
25) T	2-Butanone	0.431	0.404	0.467	0.442	0.427	0.435	0.434	4.70
26) T	2,2-Dichloropr...	1.269	1.042	1.104	0.965	0.915	0.917	1.035	13.14
27) T	cis-1,2-Dichlo...	0.808	0.727	0.733	0.657	0.656	0.683	0.711	8.15
28) T	Bromochloromet...	0.608	0.606	0.568	0.561	0.490	0.456	0.548	11.35
29) T	Tetrahydrofuran	0.311	0.236	0.291	0.280	0.269	0.280	0.278	9.04
30) C	Chloroform	1.560	1.417	1.409	1.249	1.120	1.109	1.311	13.81#
31) T	Cyclohexane		0.999	1.004	0.908	0.872	0.899	0.936	6.53
32) T	1,1,1-Trichlor...	1.362	1.212	1.234	1.087	1.002	0.981	1.146	12.95
33) S	1,2-Dichloroet...		0.720	0.759	0.757	0.659	0.657	0.710	7.05
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.391	0.408	0.427	0.377	0.367	0.394	6.03
36) T	1,1-Dichloropr...	0.537	0.477	0.513	0.486	0.475	0.481	0.495	5.05
37) T	Ethyl Acetate	0.651	0.609	0.613	0.555	0.522	0.526	0.579	9.10
38) T	Carbon Tetrach...	0.613	0.635	0.667	0.598	0.556	0.548	0.603	7.58
39) T	Methylcyclohexane	0.575	0.501	0.565	0.537	0.588	0.628	0.566	7.67
40) TM	Benzene	1.579	1.604	1.727	1.587	1.523	1.505	1.588	4.94
41) T	Methacrylonitrile	0.129	0.174	0.220	0.222	0.240	0.254	0.207	22.60
42) TM	1,2-Dichloroet...	0.647	0.565	0.604	0.537	0.501	0.490	0.557	10.87
43) T	Isopropyl Acetate	0.649	0.707	0.831	0.775	0.771	0.817	0.758	9.08
44) TM	Trichloroethene	0.424	0.398	0.425	0.395	0.377	0.377	0.399	5.33
45) C	1,2-Dichloropr...	0.405	0.354	0.419	0.385	0.381	0.374	0.386	5.95#
46) T	Dibromomethane	0.359	0.340	0.348	0.312	0.292	0.286	0.323	9.50
47) T	Bromodichlorom...	0.687	0.668	0.688	0.623	0.583	0.570	0.636	8.21
48) T	Methyl methacr...	0.439	0.254	0.323	0.335	0.365	0.392	0.351	18.01
49) T	1,4-Dioxane	0.005	0.004	0.006	0.007	0.006	0.006	0.006	15.24
50) S	Toluene-d8		1.121	1.394	1.491	1.353	1.342	1.340	10.15
51) T	4-Methyl-2-Pen...	0.435	0.470	0.598	0.567	0.544	0.543	0.526	11.65
52) CM	Toluene	0.815	0.927	1.070	1.000	0.971	0.969	0.959	8.87#
53) T	t-1,3-Dichloro...	0.490	0.542	0.601	0.556	0.562	0.586	0.556	7.00
54) T	cis-1,3-Dichlo...	0.570	0.593	0.671	0.627	0.622	0.626	0.618	5.53
55) T	1,1,2-Trichlor...	0.482	0.428	0.471	0.428	0.400	0.389	0.433	8.63
56) T	Ethyl methacry...	0.430	0.380	0.489	0.490	0.553	0.601	0.490	16.34

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57)	T	1,3-Dichloropr...	0.625	0.639	0.726	0.665	0.636	0.628	0.653	5.87
58)	T	2-Chloroethyl ...	0.161	0.180	0.232	0.276	0.298	0.302	0.242	25.13
59)	T	2-Hexanone	0.318	0.322	0.427	0.425	0.414	0.411	0.386	13.37
60)	T	Dibromochlorom...	0.541	0.519	0.551	0.496	0.469	0.461	0.506	7.30
61)	T	1,2-Dibromoethane	0.447	0.449	0.507	0.450	0.427	0.424	0.451	6.63
62)	S	4-Bromofluorob...		0.396	0.473	0.519	0.498	0.500	0.477	10.13
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.390	0.361	0.378	0.370	0.344	0.346	0.365	4.94
65)	PM	Chlorobenzene	1.250	1.185	1.276	1.145	1.116	1.130	1.184	5.58
66)	T	1,1,1,2-Tetrac...	0.507	0.443	0.479	0.422	0.407	0.403	0.443	9.43
67)	C	Ethyl Benzene	1.587	1.545	1.798	1.730	1.866	1.936	1.744	8.86#
68)	T	m/p-Xylenes	0.566	0.569	0.747	0.733	0.764	0.770	0.692	14.04
69)	T	o-Xylene	0.523	0.514	0.618	0.610	0.682	0.719	0.611	13.50
70)	T	Styrene	0.839	0.851	1.117	1.170	1.258	1.285	1.087	18.10
71)	P	Bromoform	0.379	0.356	0.377	0.354	0.340	0.345	0.359	4.54
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.745	2.655	3.119	3.050	3.242	3.406	3.036	9.51
74)	T	N-amyl acetate	1.451	1.010	1.195	1.190	1.280	1.381	1.251	12.52
75)	P	1,1,2,2-Tetrac...	1.854	1.451	1.444	1.260	1.180	1.177	1.394	18.38
76)	T	1,2,3-Trichlor...	1.207	1.032	1.037	0.903	0.892	0.916	0.998	12.14
77)	T	Bromobenzene	0.841	0.808	0.897	0.809	0.817	0.835	0.835	4.00
78)	T	n-propylbenzene	3.439	3.182	3.811	3.698	3.930	4.045	3.684	8.75
79)	T	2-Chlorotoluene	1.947	2.135	2.460	2.332	2.360	2.413	2.275	8.59
80)	T	1,3,5-Trimethy...	2.060	2.217	2.695	2.637	2.801	2.869	2.546	12.96
81)	T	trans-1,4-Dich...		0.345	0.414	0.384	0.403	0.431	0.395	8.37
82)	T	4-Chlorotoluene	2.079	2.373	2.872	2.710	2.796	2.856	2.614	12.24
83)	T	tert-Butylbenzene	2.414	2.312	2.529	2.428	2.655	2.834	2.529	7.49
84)	T	1,2,4-Trimethy...	2.184	2.052	2.553	2.594	2.787	2.871	2.507	13.01
85)	T	sec-Butylbenzene	2.801	2.824	3.280	3.190	3.467	3.621	3.197	10.42
86)	T	p-Isopropyltol...	2.428	2.406	2.859	2.776	2.967	3.056	2.749	9.96
87)	T	1,3-Dichlorobe...	1.658	1.624	1.817	1.650	1.612	1.628	1.665	4.58
88)	T	1,4-Dichlorobe...	2.208	1.889	1.962	1.769	1.693	1.659	1.863	10.97
89)	T	n-Butylbenzene	2.327	2.264	2.569	2.507	2.784	2.908	2.560	9.83
90)	T	Hexachloroethane	0.822	0.728	0.711	0.616	0.595	0.606	0.680	13.24
91)	T	1,2-Dichlorobe...	1.765	1.522	1.652	1.498	1.516	1.549	1.584	6.60
92)	T	1,2-Dibromo-3-...	0.373	0.287	0.288	0.258	0.249	0.265	0.287	15.71
93)	T	1,2,4-Trichlor...	0.880	0.774	0.880	0.839	0.926	1.000	0.883	8.70
94)	T	Hexachlorobuta...	0.555	0.441	0.462	0.413	0.403	0.409	0.447	12.86
95)	T	Naphthalene	2.712	2.287	2.660	2.752	3.286	3.666	2.894	17.11
96)	T	1,2,3-Trichlor...	0.919	0.792	0.929	0.883	0.956	1.028	0.918	8.55

(#) = Out of Range

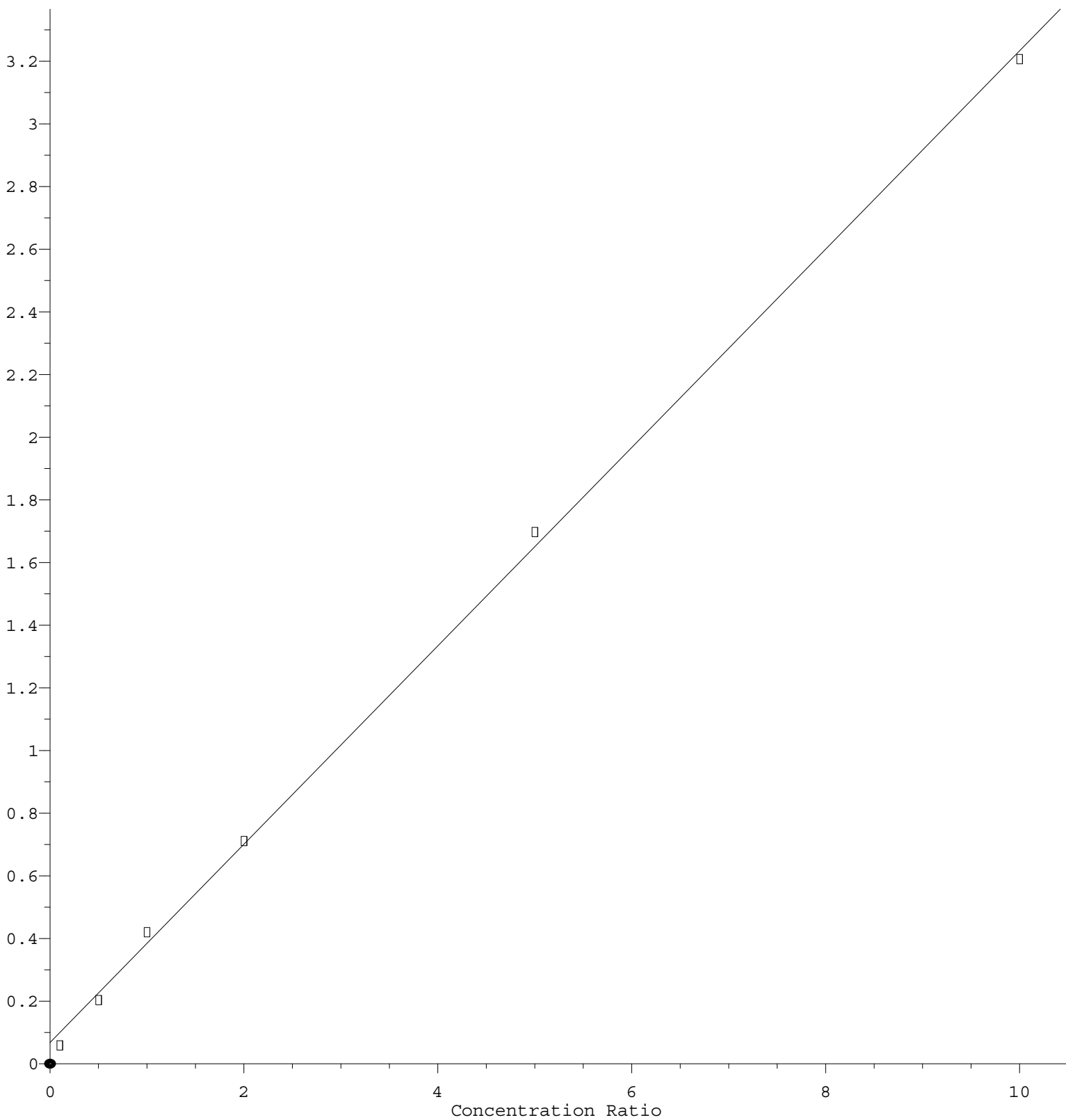
Chloroethane



Response = $3.958 \times 10^{-1} \times \text{Amt} + 1.865 \times 10^{-2}$
Coef of Det (r^2) = 0.999163 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V100725W.M
Calibration Table Last Updated: Wed Oct 08 05:01:26 2025

Acetone

Response Ratio



$$\text{Response} = 3.166\text{e-}001 * \text{Amt} + 6.794\text{e-}002$$

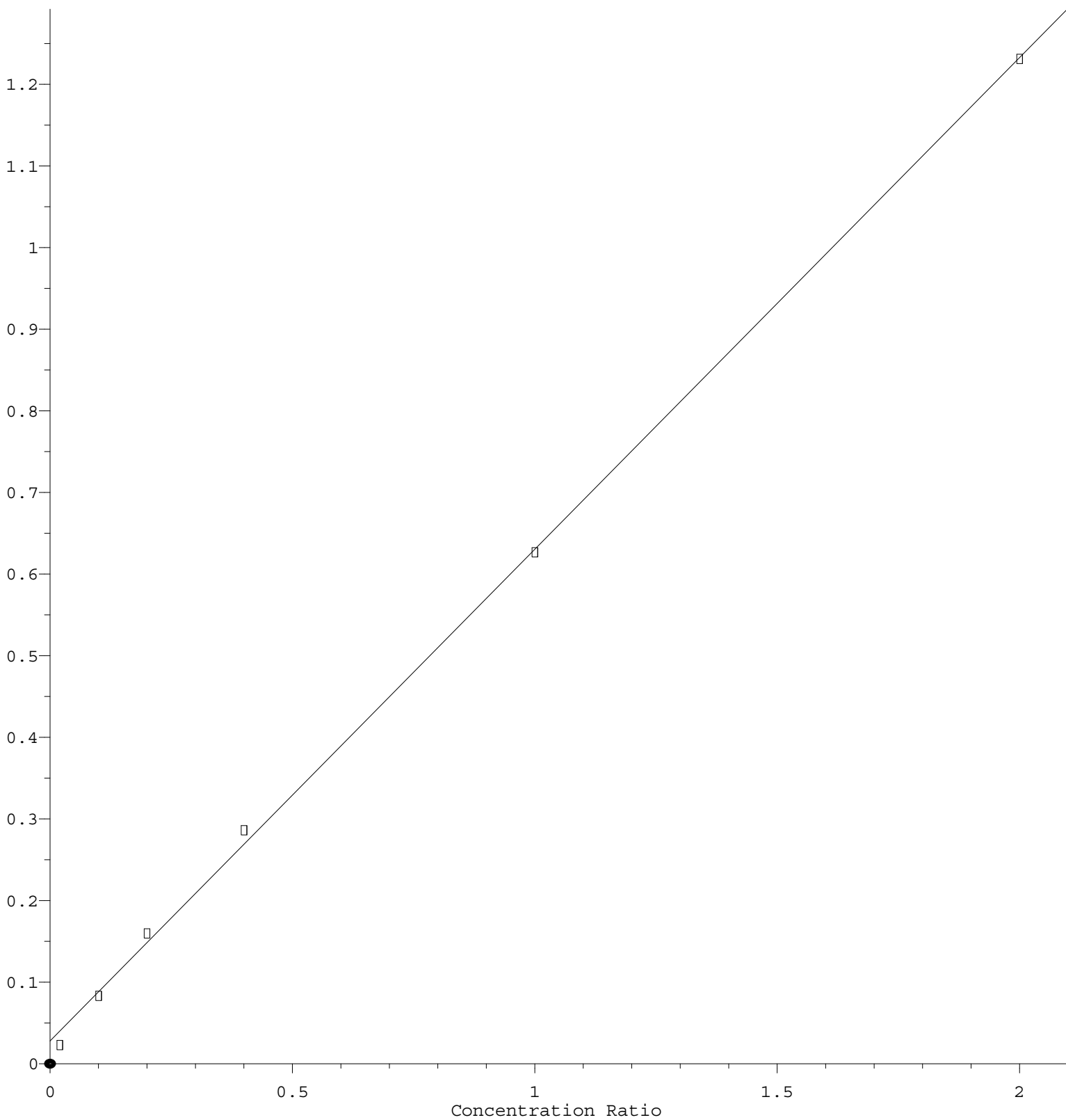
Coef of Det (r^2) = 0.999116 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V100725W.M

Calibration Table Last Updated: Wed Oct 08 05:01:26 2025

Methylene Chloride

Response Ratio



$$\text{Response} = 6.026\text{e-}001 * \text{Amt} + 2.794\text{e-}002$$

Coef of Det (r^2) = 0.999283 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V100725W.M

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