

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N041524W.M
 Title : SW846 8260
 Last Update : Mon Apr 15 15:37:39 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN081738.D 5 =VN081737.D 10 =VN081736.D 20 =VN081735.D 50 =VN081734.D 100 =VN081733.D

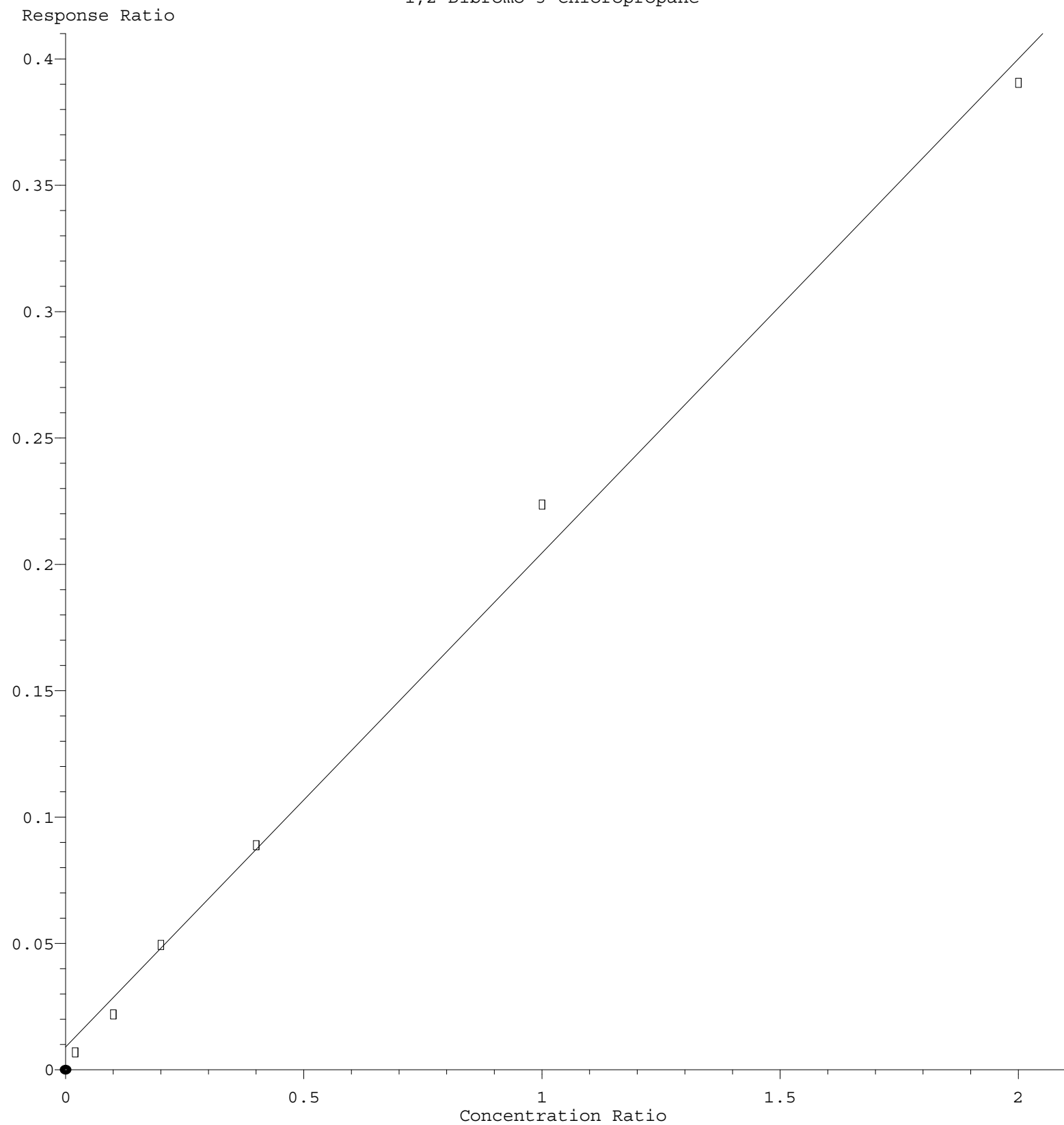
	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.720	0.593	0.718	0.590	0.650	0.528	0.633	12.15
3) P	Chloromethane	0.845	0.678	0.641	0.596	0.601	0.504	0.644	17.72
4) C	Vinyl Chloride	0.916	0.774	0.837	0.722	0.740	0.662	0.775	11.60#
5) T	Bromomethane		0.591	0.513	0.452	0.448	0.337	0.468	19.97
6) T	Chloroethane	0.832	0.594	0.525	0.505	0.502	0.442	0.567	24.51
7) T	Trichlorofluor...	1.154	1.090	1.082	0.771	1.009	0.899	1.001	14.21
8) T	Diethyl Ether	0.380	0.337	0.341	0.412	0.339	0.300	0.351	11.06
9) T	1,1,2-Trichlor...	0.727	0.651	0.609	0.701	0.550	0.522	0.627	13.05
10) T	Methyl Iodide		0.289	0.319	0.347	0.394	0.332	0.336	11.49
11) T	Tert butyl alc...		0.110	0.098	0.094	0.099	0.080	0.096	10.98
12) CM	1,1-Dichloroet...	0.622	0.604	0.597	0.692	0.552	0.499	0.594	10.97#
13) T	Acrolein		0.110	0.101	0.117	0.099	0.082	0.102	12.90
14) T	Allyl chloride	0.865	0.782	0.719	0.783	0.704	0.672	0.754	9.26
15) T	Acrylonitrile	0.294	0.259	0.260	0.268	0.267	0.241	0.265	6.44
16) T	Acetone	0.233	0.202	0.196	0.198	0.188	0.157	0.196	12.41
17) T	Carbon Disulfide	2.173	1.749	1.774	1.621	1.581	1.462	1.727	14.30
18) T	Methyl Acetate	0.640	0.566	0.552	0.537	0.523	0.467	0.548	10.34
19) T	Methyl tert-bu...	1.697	1.752	1.697	1.738	1.831	1.660	1.729	3.45
20) T	Methylene Chlo...	0.873	0.713	0.655	0.636	0.627	0.555	0.676	16.09
21) T	trans-1,2-Dich...	0.610	0.577	0.633	0.599	0.610	0.551	0.597	4.83
22) T	Diisopropyl ether	1.447	1.640	1.678	1.719	1.732	1.627	1.641	6.30
23) T	Vinyl Acetate	1.027	1.258	1.348	1.336	1.400	1.315	1.281	10.35
24) P	1,1-Dichloroet...	1.124	1.123	1.101	1.053	1.077	0.999	1.079	4.45
25) T	2-Butanone	0.361	0.318	0.331	0.313	0.322	0.292	0.323	7.03
26) T	2,2-Dichloropr...	0.942	0.938	0.988	0.920	0.954	0.903	0.941	3.09
27) T	cis-1,2-Dichlo...	0.797	0.739	0.714	0.705	0.737	0.687	0.730	5.23
28) T	Bromochloromet...	0.534	0.519	0.381	0.448	0.452	0.430	0.461	12.40
29) T	Tetrahydrofuran	0.187	0.208	0.216	0.209	0.228	0.205	0.209	6.45
30) C	Chloroform	1.438	1.289	1.152	1.155	1.193	1.117	1.224	9.82#
31) T	Cyclohexane		1.139	0.968	0.933	0.902	0.884	0.965	10.59
32) T	1,1,1-Trichlor...	1.108	1.112	1.116	1.091	1.074	1.011	1.085	3.67
33) S	1,2-Dichloroet...		0.780	0.725	0.601	0.742	0.670	0.704	9.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.351	0.327	0.293	0.351	0.329	0.330	7.17
36) T	1,1-Dichloropr...	0.480	0.443	0.456	0.465	0.458	0.459	0.460	2.61
37) T	Ethyl Acetate	0.363	0.367	0.337	0.402	0.416	0.384	0.378	7.60
38) T	Carbon Tetrach...	0.519	0.527	0.548	0.550	0.535	0.533	0.535	2.22
39) T	Methylcyclohexane	0.553	0.508	0.508	0.551	0.551	0.580	0.542	5.20
40) TM	Benzene	1.482	1.407	1.417	1.433	1.446	1.412	1.433	1.97
41) T	Methacrylonitrile	0.190	0.199	0.202	0.211	0.218	0.211	0.205	4.95
42) TM	1,2-Dichloroet...	0.542	0.498	0.505	0.506	0.495	0.452	0.500	5.81
43) T	Isopropyl Acetate	0.815	0.698	0.673	0.682	0.703	0.660	0.705	7.97
44) TM	Trichloroethene	0.391	0.363	0.359	0.389	0.375	0.360	0.373	3.91
45) C	1,2-Dichloropr...	0.330	0.298	0.327	0.347	0.349	0.332	0.330	5.57#
46) T	Dibromomethane	0.322	0.267	0.265	0.266	0.274	0.259	0.276	8.42
47) T	Bromodichlorom...	0.539	0.508	0.514	0.538	0.538	0.524	0.527	2.62
48) T	Methyl methacr...	0.234	0.287	0.293	0.297	0.314	0.300	0.287	9.66
49) T	1,4-Dioxane	0.009	0.006	0.007	0.007	0.007	0.007	0.007	14.60
50) S	Toluene-d8		1.204	1.181	1.066	1.331	1.299	1.216	8.63
51) T	4-Methyl-2-Pen...	0.351	0.378	0.399	0.409	0.422	0.395	0.392	6.33
52) CM	Toluene	0.853	0.878	0.891	0.944	0.961	0.935	0.910	4.63#
53) T	t-1,3-Dichloro...	0.535	0.473	0.513	0.521	0.562	0.545	0.525	5.89
54) T	cis-1,3-Dichlo...	0.550	0.526	0.542	0.574	0.591	0.571	0.559	4.25
55) T	1,1,2-Trichlor...	0.344	0.342	0.329	0.343	0.351	0.342	0.342	2.08
56) T	Ethyl methacry...	0.383	0.433	0.439	0.491	0.545	0.531	0.470	13.31

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N041524W.M

57)	T	1,3-Dichloropr...	0.559	0.558	0.557	0.587	0.600	0.573	0.572	3.12
58)	T	2-Chloroethyl ...	0.218	0.245	0.241	0.241	0.278	0.270	0.249	8.76
59)	T	2-Hexanone	0.247	0.266	0.281	0.295	0.318	0.297	0.284	8.92
60)	T	Dibromochlorom...	0.371	0.407	0.407	0.425	0.445	0.425	0.413	6.01
61)	T	1,2-Dibromoethane	0.361	0.341	0.342	0.364	0.372	0.359	0.357	3.48
62)	S	4-Bromofluorob...		0.400	0.391	0.366	0.457	0.465	0.416	10.41
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.457	0.438	0.412	0.418	0.412	0.408	0.424	4.50
65)	PM	Chlorobenzene	1.237	1.142	1.112	1.167	1.140	1.104	1.151	4.19
66)	T	1,1,1,2-Tetrac...	0.391	0.384	0.389	0.402	0.408	0.382	0.392	2.62
67)	C	Ethyl Benzene	1.646	1.704	1.768	1.876	1.937	1.934	1.811	6.80#
68)	T	m/p-Xylenes	0.598	0.651	0.688	0.754	0.771	0.764	0.704	10.05
69)	T	o-Xylene	0.526	0.666	0.664	0.711	0.743	0.739	0.675	11.91
70)	T	Styrene	0.859	0.982	1.064	1.200	1.264	1.265	1.106	14.97
71)	P	Bromoform	0.305	0.305	0.279	0.299	0.320	0.309	0.303	4.45
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.458	3.669	3.814	3.991	3.899	3.666	3.749	5.11
74)	T	N-amyl acetate	1.506	1.316	1.301	1.357	1.426	1.282	1.365	6.30
75)	P	1,1,2,2-Tetrac...	1.291	1.179	1.123	1.096	1.016	0.905	1.102	12.05
76)	T	1,2,3-Trichlor...	1.560	1.170	1.494	1.020	0.964	0.861	1.178	24.51
77)	T	Bromobenzene	1.047	0.978	0.905	0.976	0.962	0.868	0.956	6.52
78)	T	n-propylbenzene	4.104	4.211	4.259	4.656	4.568	4.307	4.351	4.94
79)	T	2-Chlorotoluene	2.838	2.628	2.776	2.818	2.696	2.515	2.712	4.59
80)	T	1,3,5-Trimethy...	2.580	2.983	3.059	3.325	3.321	3.109	3.063	8.96
81)	T	trans-1,4-Dich...		0.396	0.424	0.398	0.459	0.366	0.409	8.60
82)	T	4-Chlorotoluene	2.665	2.712	2.665	2.783	2.722	2.527	2.679	3.22
83)	T	tert-Butylbenzene	2.282	2.693	2.682	2.928	2.849	2.663	2.683	8.32
84)	T	1,2,4-Trimethy...	2.517	2.945	3.114	3.476	3.353	3.132	3.089	10.93
85)	T	sec-Butylbenzene	3.187	3.513	3.758	4.126	4.010	3.867	3.743	9.22
86)	T	p-Isopropyltol...	2.306	2.812	3.105	3.483	3.395	3.310	3.068	14.47
87)	T	1,3-Dichlorobe...	1.888	1.748	1.772	1.861	1.775	1.675	1.787	4.34
88)	T	1,4-Dichlorobe...	2.114	1.805	1.727	1.835	1.796	1.654	1.822	8.64
89)	T	n-Butylbenzene	2.554	2.518	2.539	2.801	2.837	2.848	2.683	5.99
90)	T	Hexachloroethane	0.728	0.635	0.658	0.666	0.628	0.604	0.653	6.56
91)	T	1,2-Dichlorobe...	1.927	1.682	1.668	1.798	1.728	1.573	1.729	7.04
92)	T	1,2-Dibromo-3-...	0.344	0.219	0.247	0.222	0.224	0.195	0.242	21.74
93)	T	1,2,4-Trichlor...	0.989	0.800	0.867	0.910	0.968	0.931	0.911	7.64
94)	T	Hexachlorobuta...	0.473	0.391	0.367	0.405	0.368	0.353	0.393	11.07
95)	T	Naphthalene	2.758	2.474	2.769	3.070	3.319	3.072	2.910	10.33
96)	T	1,2,3-Trichlor...	0.981	0.848	0.910	0.960	0.983	0.906	0.931	5.68

(#) = Out of Range

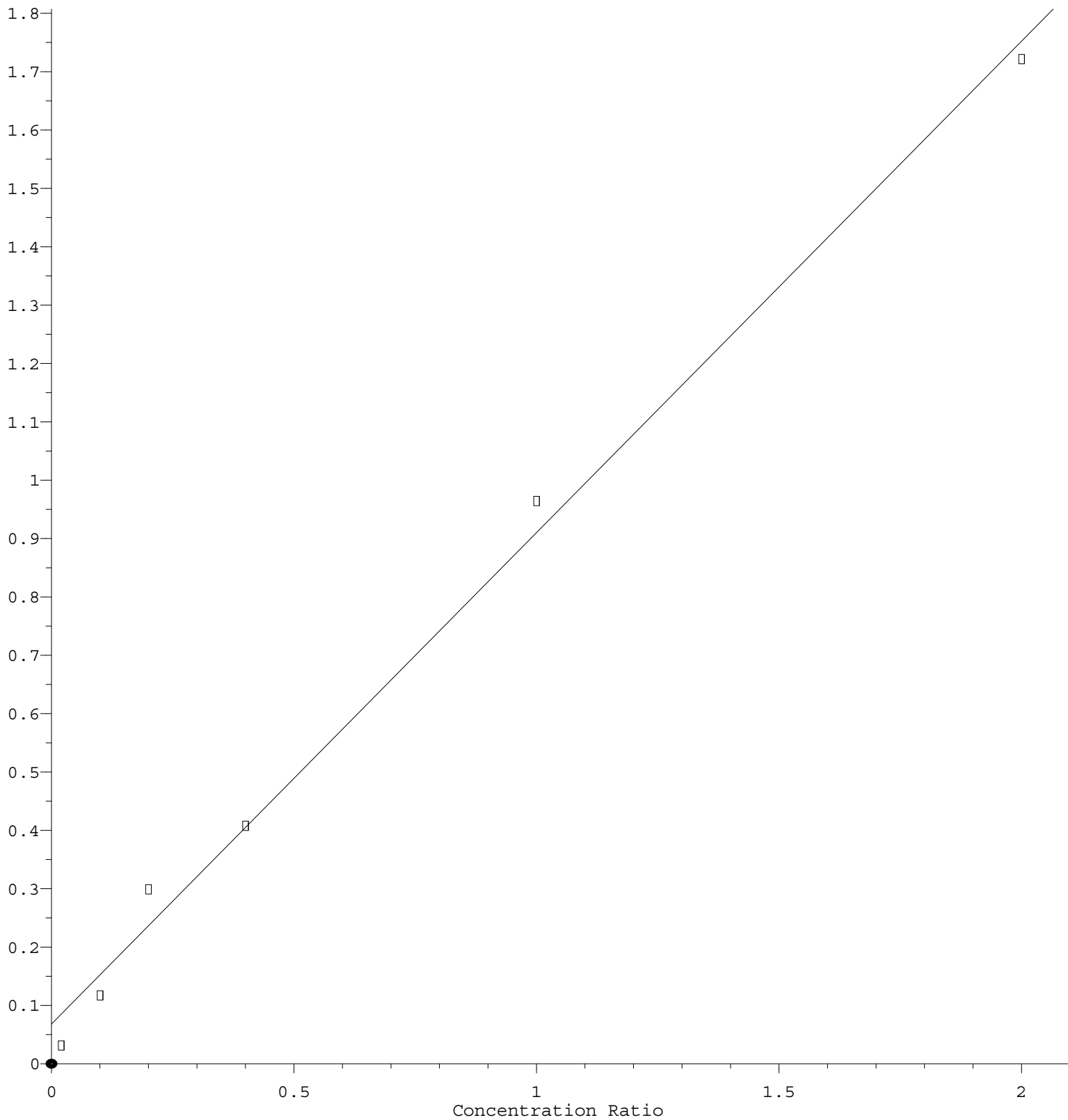
1,2-Dibromo-3-Chloropropane



$\text{Response} = 1.956\text{e-}001 * \text{Amt} + 8.900\text{e-}003$
 Coef of Det (r^2) = 0.995154 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041524W.M
 Calibration Table Last Updated: Mon Apr 15 15:37:39 2024

1,2,3-Trichloropropane

Response Ratio



$$\text{Response} = 8.427\text{e-}001 * \text{Amt} + 6.760\text{e-}002$$

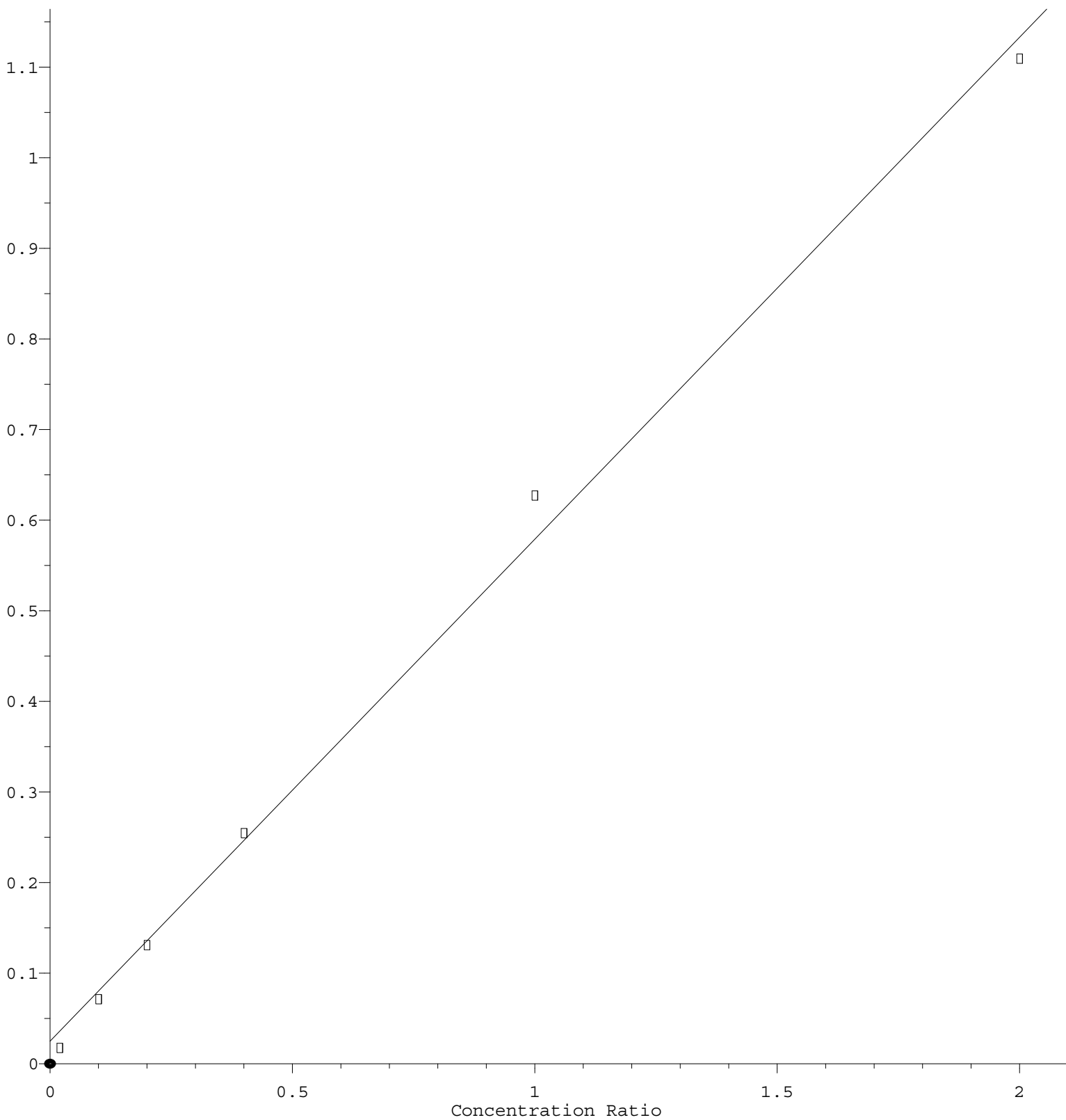
Coef of Det (r^2) = 0.994265 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041524W.M

Calibration Table Last Updated: Mon Apr 15 15:37:39 2024

Methylene Chloride

Response Ratio



$$\text{Response} = 5.546\text{e-}001 * \text{Amt} + 2.458\text{e-}002$$

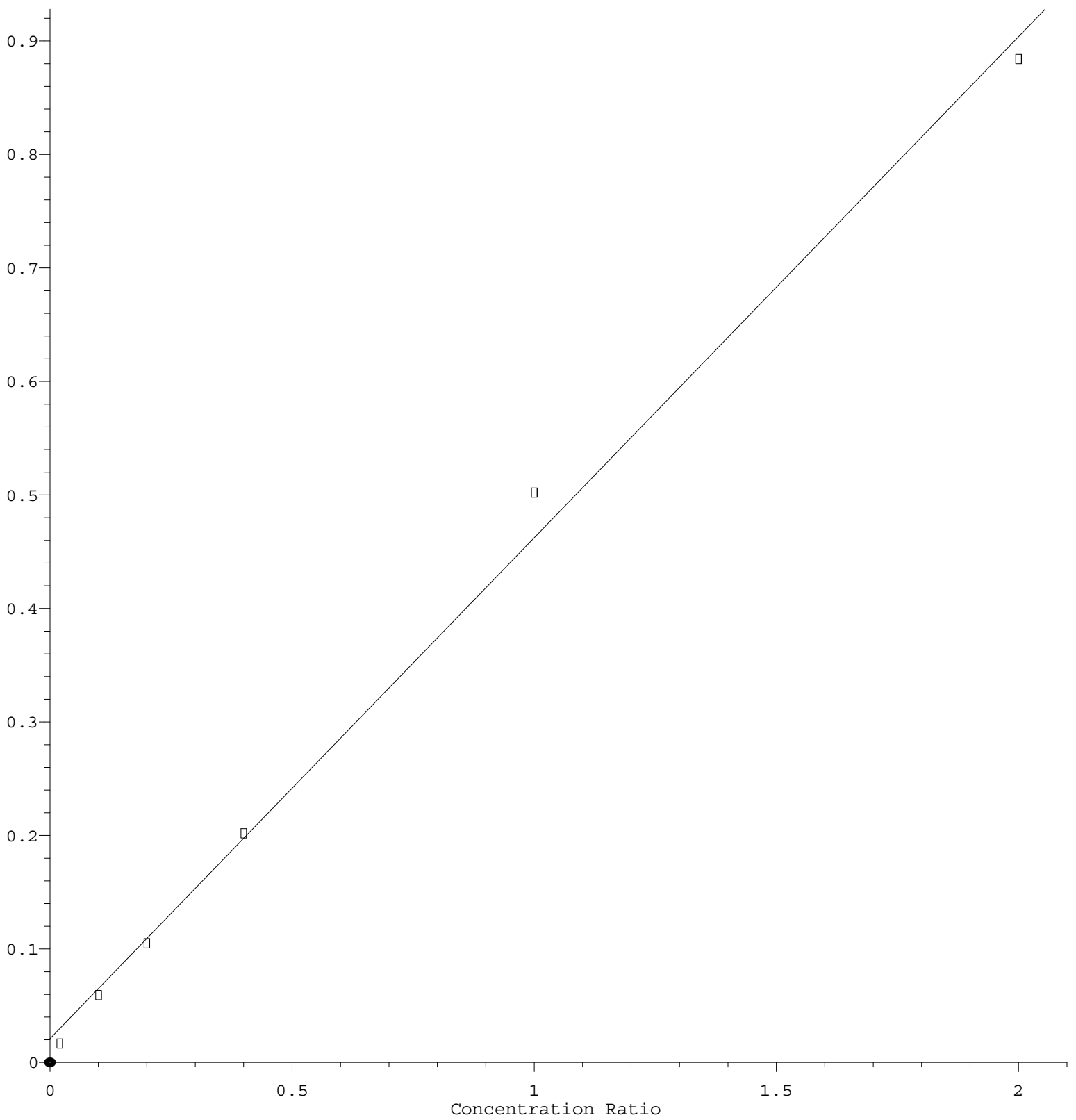
Coef of Det (r^2) = 0.996216 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041524W.M

Calibration Table Last Updated: Mon Apr 15 15:37:39 2024

Chloroethane

Response Ratio



$$\text{Response} = 4.413\text{e-}001 * \text{Amt} + 2.125\text{e-}002$$

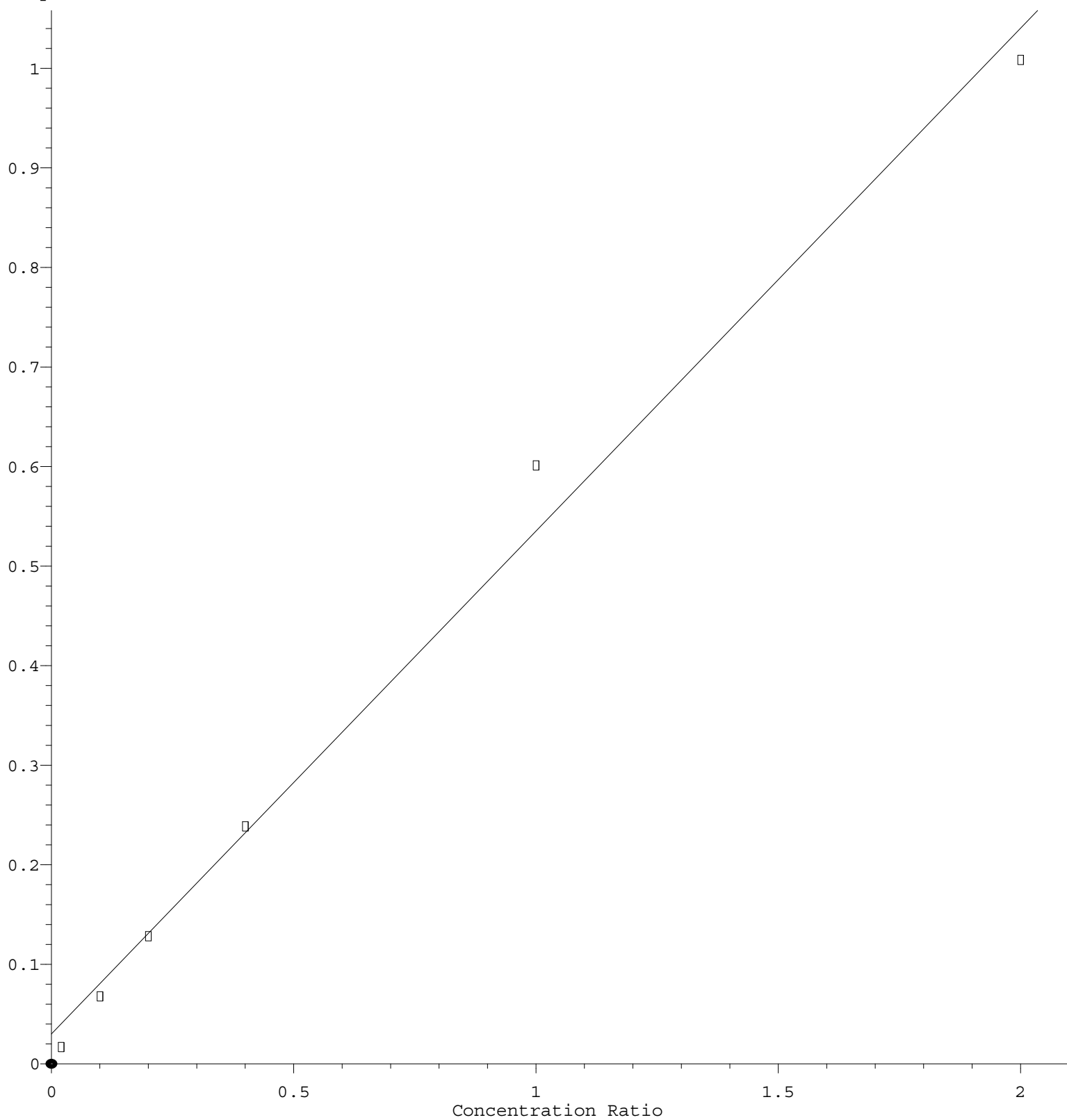
Coef of Det (r^2) = 0.996111 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041524W.M

Calibration Table Last Updated: Mon Apr 15 15:37:39 2024

Chloromethane

Response Ratio



$$\text{Response} = 5.056\text{e-}001 * \text{Amt} + 3.000\text{e-}002$$

Coef of Det (r^2) = 0.991833 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N041524W.M

Calibration Table Last Updated: Mon Apr 15 15:37:39 2024