Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N101422W.M
Title : SW846 8260
Last Update : Mon Oct 17 01:40:20 2022
Response Via : Initial Calibration

Calibration Files
1 =VN074900.D 5 =VN074901.D 20 =VN074903.D 50 =VN074904.D 100 =VN074905.D 10 =VN074902.D

		Compound	1	5	20	50	100	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	1.040	1.010	0.960	0.932	0.852	0.962	0.959	6.79
3)	P	Chloromethane	1.892	1.510	1.295	1.311	1.097	1.449	1.426	18.92
4)	C	Vinyl Chloride	2.572	2.198	1.938	1.999	1.745	2.107	2.093	13.42#
5)	T	Bromomethane		1.975	1.446	1.591	1.447	1.618	1.615	13.38
6)	T	Chloroethane		1.830	1.468	1.574	1.530	1.881	1.657	11.23
7)	T	Trichlorofluor...	1.619	1.563	1.376	1.383	1.268	1.525	1.456	9.20
8)	T	Diethyl Ether	0.743	0.736	0.602	0.651	0.609	0.674	0.669	9.06
9)	T	1,1,2-Trichlor...	1.012	1.028	0.850	0.869	0.798	0.966	0.920	10.27
10)	T	Methyl Iodide		1.029	0.982	1.039	0.987	1.058	1.019	3.26
11)	T	Tert butyl alc...		0.351	0.274	0.297	0.273	0.295	0.298	10.58
12)	CM	1,1-Dichloroet...	0.908	0.940	0.787	0.830	0.767	0.936	0.861	8.88#
13)	T	Acrolein		0.333	0.298	0.324	0.305	0.316	0.315	4.46
14)	T	Allyl chloride	1.709	1.629	1.646	1.717	1.665	1.837	1.701	4.41
15)	T	Acrylonitrile	0.720	0.753	0.700	0.755	0.702	0.745	0.729	3.47
16)	T	Acetone	0.744	0.673	0.559	0.593	0.530	0.646	0.624	12.69
17)	T	Carbon Disulfide	2.536	2.386	1.938	2.129	1.997	2.129	2.186	10.56
18)	T	Methyl Acetate	2.723	2.173	2.102	2.140	2.044	2.224	2.234	11.06
19)	T	Methyl tert-bu...	3.528	3.490	3.178	3.520	3.362	3.329	3.401	4.04
20)	T	Methylene Chlo...	1.526	1.456	1.049	1.087	1.011	1.201	1.222	17.97
21)	T	trans-1,2-Dich...	1.098	1.052	0.862	0.916	0.877	0.916	0.953	10.25
22)	T	Diisopropyl ether	4.046	4.014	3.613	3.994	3.758	3.926	3.892	4.40
23)	T	Vinyl Acetate	2.819	2.909	2.674	2.989	2.892	2.852	2.856	3.71
24)	P	1,1-Dichloroet...	2.540	2.185	1.894	2.012	1.911	2.025	2.095	11.54
25)	T	2-Butanone		1.083	1.042	0.958	1.057	0.982	1.043	1.028	4.63
26)	T	2,2-Dichloropr...	1.856	1.722	1.576	1.665	1.576	1.685	1.680	6.24
27)	T	cis-1,2-Dichlo...	1.452	1.214	1.039	1.166	1.090	1.145	1.184	12.21
28)	T	Bromochloromet...	0.868	0.759	0.904	0.977	0.918	0.853	0.880	8.37
29)	T	Tetrahydrofuran	0.618	0.668	0.653	0.735	0.671	0.702	0.675	5.97
30)	C	Chloroform	2.018	1.878	1.889	1.987	1.882	1.980	1.939	3.24#
31)	T	Cyclohexane		2.084	1.653	1.768	1.645	1.839	1.798	9.99
32)	T	1,1,1-Trichlor...	1.605	1.693	1.576	1.698	1.631	1.677	1.646	3.06
33)	S	1,2-Dichloroet...		1.228	1.229	1.292	1.233	1.072	1.211	6.78
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.569	0.554	0.571	0.538	0.483	0.543	6.70
36)	T	1,1-Dichloropr...	0.884	0.831	0.751	0.799	0.757	0.755	0.796	6.70
37)	T	Ethyl Acetate	1.385	1.232	1.153	1.182	1.114	1.168	1.206	7.97
38)	T	Carbon Tetrach...	0.746	0.741	0.719	0.790	0.756	0.764	0.753	3.18
39)	T	Methylcyclohexane	0.945	1.022	0.888	1.004	0.968	0.933	0.960	5.12
40)	TM	Benzene	2.876	2.785	2.391	2.617	2.448	2.594	2.618	7.15
41)	T	Methacrylonitrile	0.567	0.571	0.602	0.613	0.596	0.541	0.582	4.59
42)	TM	1,2-Dichloroet...	0.883	0.909	0.799	0.894	0.819	0.828	0.855	5.35
43)	T	Isopropyl Acetate	1.909	1.788	1.750	1.876	1.766	1.826	1.819	3.46
44)	TM	Trichloroethene	0.626	0.551	0.491	0.551	0.523	0.546	0.548	8.17
45)	C	1,2-Dichloropr...	0.789	0.695	0.659	0.695	0.661	0.732	0.705	6.95#
46)	T	Dibromomethane	0.510	0.477	0.412	0.440	0.414	0.454	0.451	8.36
47)	T	Bromodichlorom...	0.817	0.866	0.828	0.903	0.860	0.923	0.866	4.77
48)	T	Methyl methacr...	0.953	0.895	0.740	0.869	0.806	0.821	0.847	8.80
49)	T	1,4-Dioxane	0.018	0.016	0.014	0.015	0.015	0.015	0.015	9.05
50)	S	Toluene-d8		2.183	2.292	2.419	2.379	1.931	2.241	8.72
51)	T	4-Methyl-2-Pen...	1.092	1.150	1.137	1.264	1.202	1.173	1.170	5.06
52)	CM	Toluene	1.532	1.613	1.429	1.642	1.593	1.602	1.568	4.94#
53)	T	t-1,3-Dichloro...	0.972	0.872	0.880	1.029	1.018	0.908	0.946	7.31
54)	T	cis-1,3-Dichlo...	0.925	1.003	0.987	1.077	1.038	1.025	1.009	5.11
55)	T	1,1,2-Trichlor...	0.543	0.656	0.621	0.676	0.620	0.664	0.630	7.66
56)	T	Ethyl methacry...	0.925	0.931	0.986	1.115	1.112	0.980	1.008	8.46

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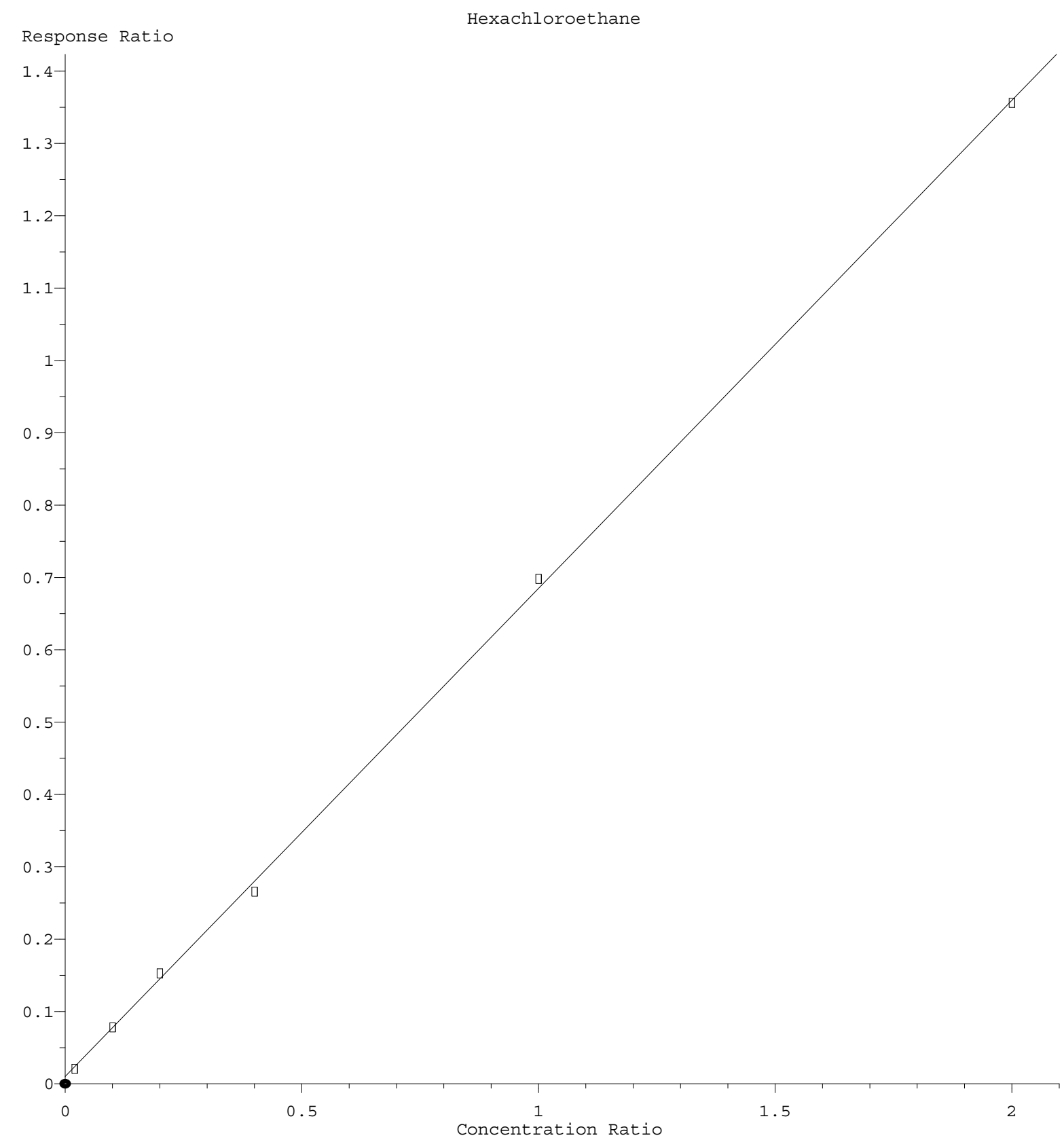
57)	T	1,3-Dichloropr...	1.258	1.078	1.086	1.185	1.096	1.153	1.143	6.16
58)	T	2-Chloroethyl ...	0.338	0.340	0.337	0.411	0.393	0.335	0.359	9.44
59)	T	2-Hexanone	0.795	0.784	0.835	0.938	0.912	0.861	0.854	7.26
60)	T	Dibromochlorom...	0.678	0.595	0.592	0.674	0.645	0.604	0.631	6.26
61)	T	1,2-Dibromoethane	0.604	0.596	0.614	0.660	0.636	0.628	0.623	3.72
62)	S	4-Bromofluorob...		0.531	0.629	0.730	0.780	0.520	0.638	18.26
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.550	0.391	0.373	0.377	0.360	0.368	0.403	18.02
65)	PM	Chlorobenzene	1.510	1.459	1.327	1.470	1.408	1.484	1.443	4.56
66)	T	1,1,1,2-Tetrac...	0.602	0.516	0.502	0.528	0.520	0.578	0.541	7.32
67)	C	Ethyl Benzene	2.536	2.688	2.498	2.700	2.728	2.725	2.646	3.85#
68)	T	m/p-Xylenes	0.880	0.973	0.943	1.049	1.055	1.011	0.985	6.82
69)	T	o-Xylene	0.994	0.974	0.953	1.043	1.052	1.021	1.006	3.90
70)	T	Styrene	1.370	1.538	1.518	1.724	1.849	1.576	1.596	10.52
71)	P	Bromoform	0.343	0.316	0.339	0.404	0.449	0.397	0.375	13.42
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.462	4.585	4.367	4.325	4.263	4.684	4.448	3.63
74)	T	N-amyl acetate	2.657	2.473	2.284	2.314	2.273	2.486	2.414	6.26
75)	P	1,1,2,2-Tetrac...	2.206	1.821	1.630	1.590	1.473	1.849	1.762	14.78
76)	T	1,2,3-Trichlor...	1.413	1.670	1.409	1.388	1.277	1.675	1.472	11.06
77)	T	Bromobenzene	1.205	1.006	0.922	0.928	0.871	0.978	0.985	11.94
78)	T	n-propylbenzene	5.281	5.005	5.036	5.066	5.027	5.050	5.077	2.01
79)	T	2-Chlorotoluene	3.092	3.261	2.975	2.956	2.863	3.067	3.036	4.54
80)	T	1,3,5-Trimethy...	3.581	3.669	3.545	3.614	3.515	3.769	3.615	2.55
81)	T	trans-1,4-Dich...		0.565	0.493	0.541	0.530	0.501	0.526	5.61
82)	T	4-Chlorotoluene	2.828	2.864	2.740	2.861	2.861	2.880	2.839	1.81
83)	T	tert-Butylbenzene	2.695	3.532	3.266	3.154	3.013	3.086	3.124	8.88
84)	T	1,2,4-Trimethy...	3.503	3.483	3.536	3.647	3.520	3.624	3.552	1.90
85)	T	sec-Butylbenzene	4.548	4.490	4.456	4.566	4.558	4.412	4.505	1.39
86)	T	p-Isopropyltol...	3.647	3.326	3.398	3.760	3.728	3.621	3.580	4.97
87)	T	1,3-Dichlorobe...	2.237	1.767	1.734	1.800	1.767	1.784	1.848	10.38
88)	T	1,4-Dichlorobe...	2.213	1.698	1.669	1.763	1.757	1.842	1.823	10.95
89)	T	n-Butylbenzene	2.819	2.878	3.011	3.260	3.369	2.965	3.051	7.14
90)	T	Hexachloroethane	1.029	0.780	0.664	0.698	0.678	0.763	0.769	17.65
91)	T	1,2-Dichlorobe...	2.425	1.876	1.792	1.825	1.786	1.797	1.917	13.11
92)	T	1,2-Dibromo-3-...	0.394	0.316	0.288	0.313	0.294	0.355	0.327	12.41
93)	T	1,2,4-Trichlor...	1.112	0.800	0.800	0.865	0.832	0.794	0.867	14.17
94)	T	Hexachlorobuta...	0.491	0.398	0.402	0.403	0.370	0.434	0.416	10.09
95)	T	Naphthalene	3.019	2.716	3.056	3.410	3.357	3.067	3.104	8.14
96)	T	1,2,3-Trichlor...	0.932	0.712	0.813	0.834	0.835	0.802	0.821	8.61

(#) = Out of Range



Response = 6.753e-001 * Amt + 9.765e-003
Coef of Det (r^2) = 0.999655 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N101422W.M
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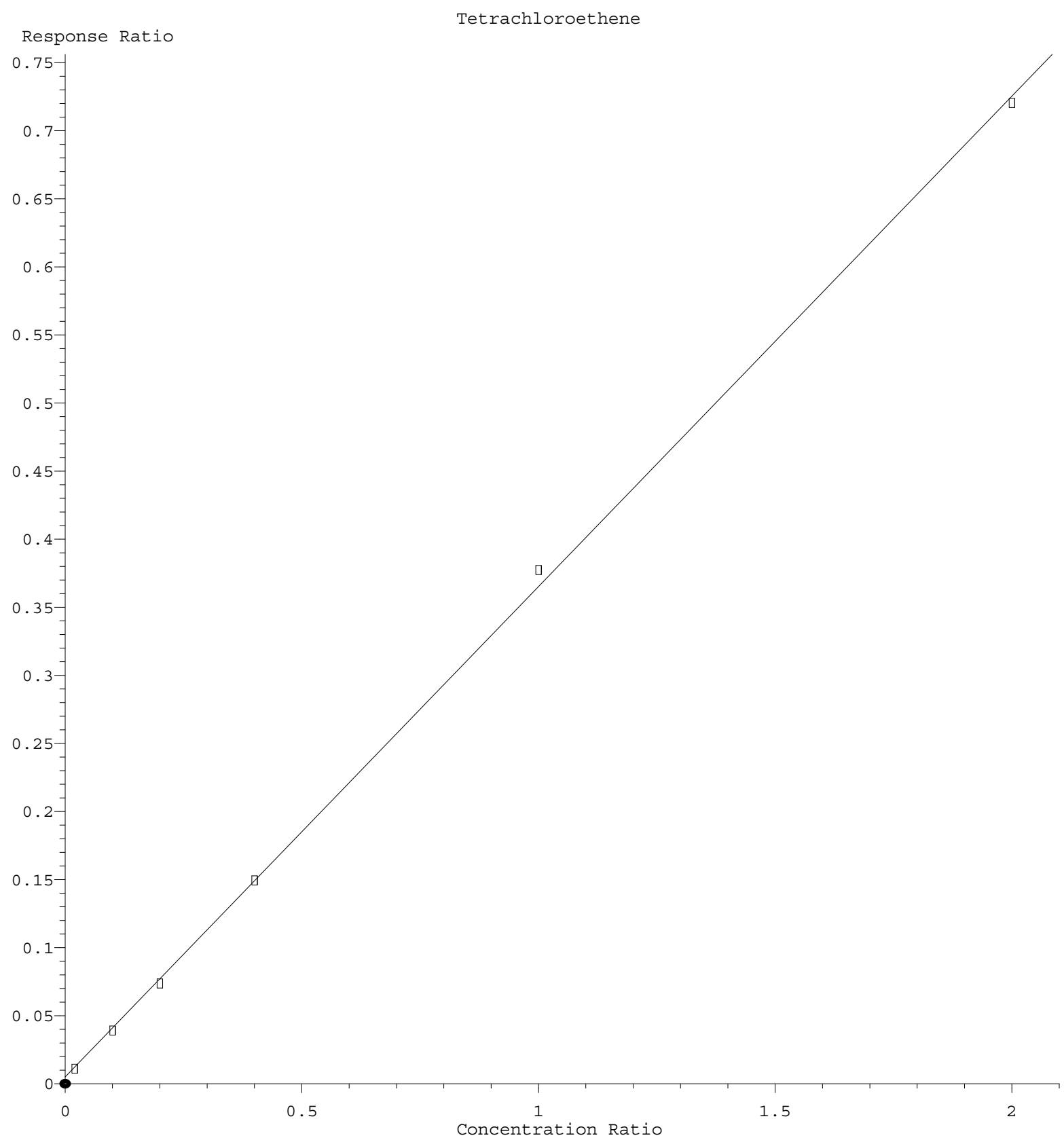

Response = 3.604e-001 * Amt + 4.978e-003
Coef of Det (r^2) = 0.999499 Curve Fit: Linear
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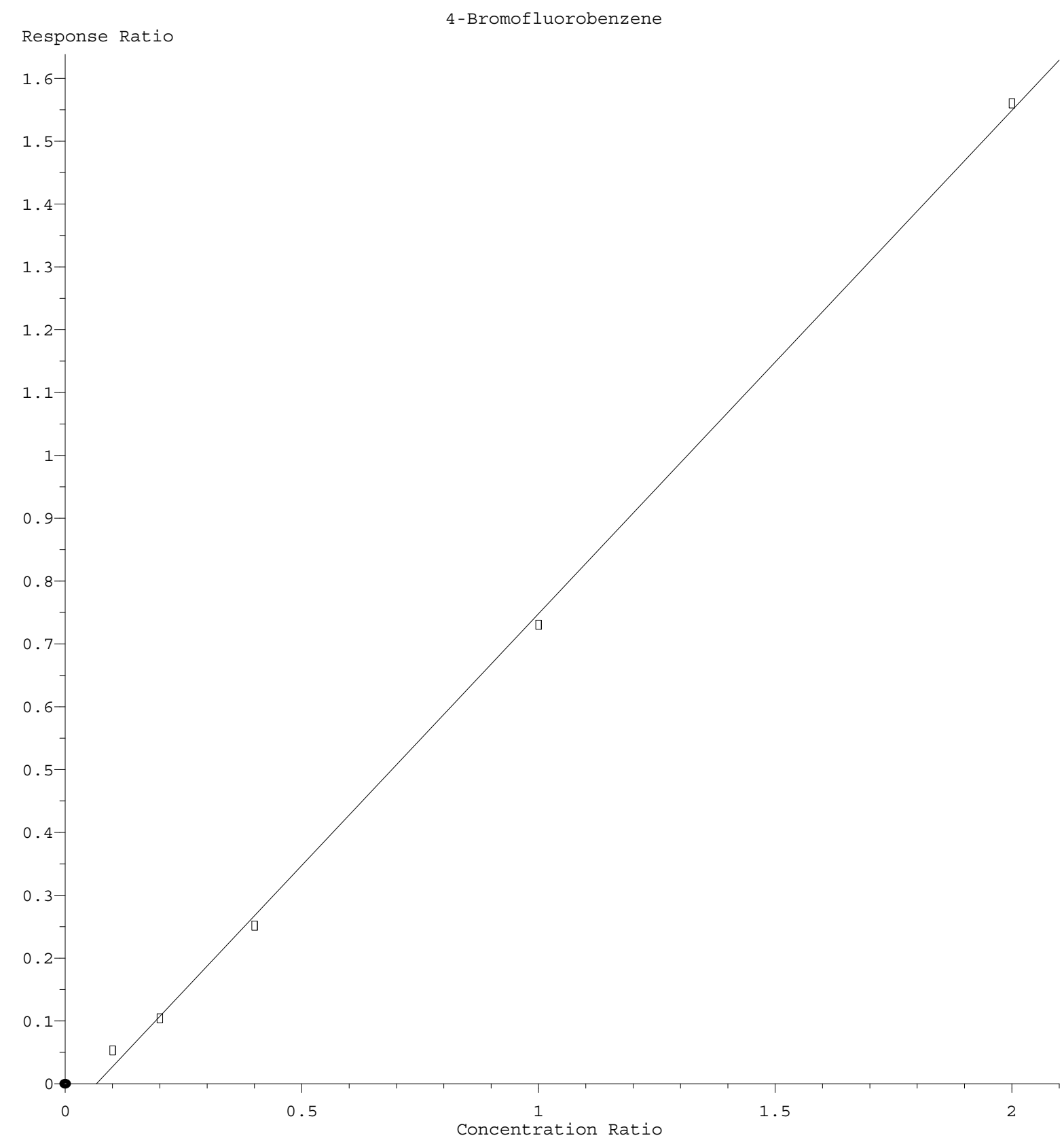
Calibration Table Last Updated: Mon Oct 17 01:40:20 2022



Response = 8.009e-001 * Amt - 5.289e-002
Coef of Det (r^2) = 0.999139 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
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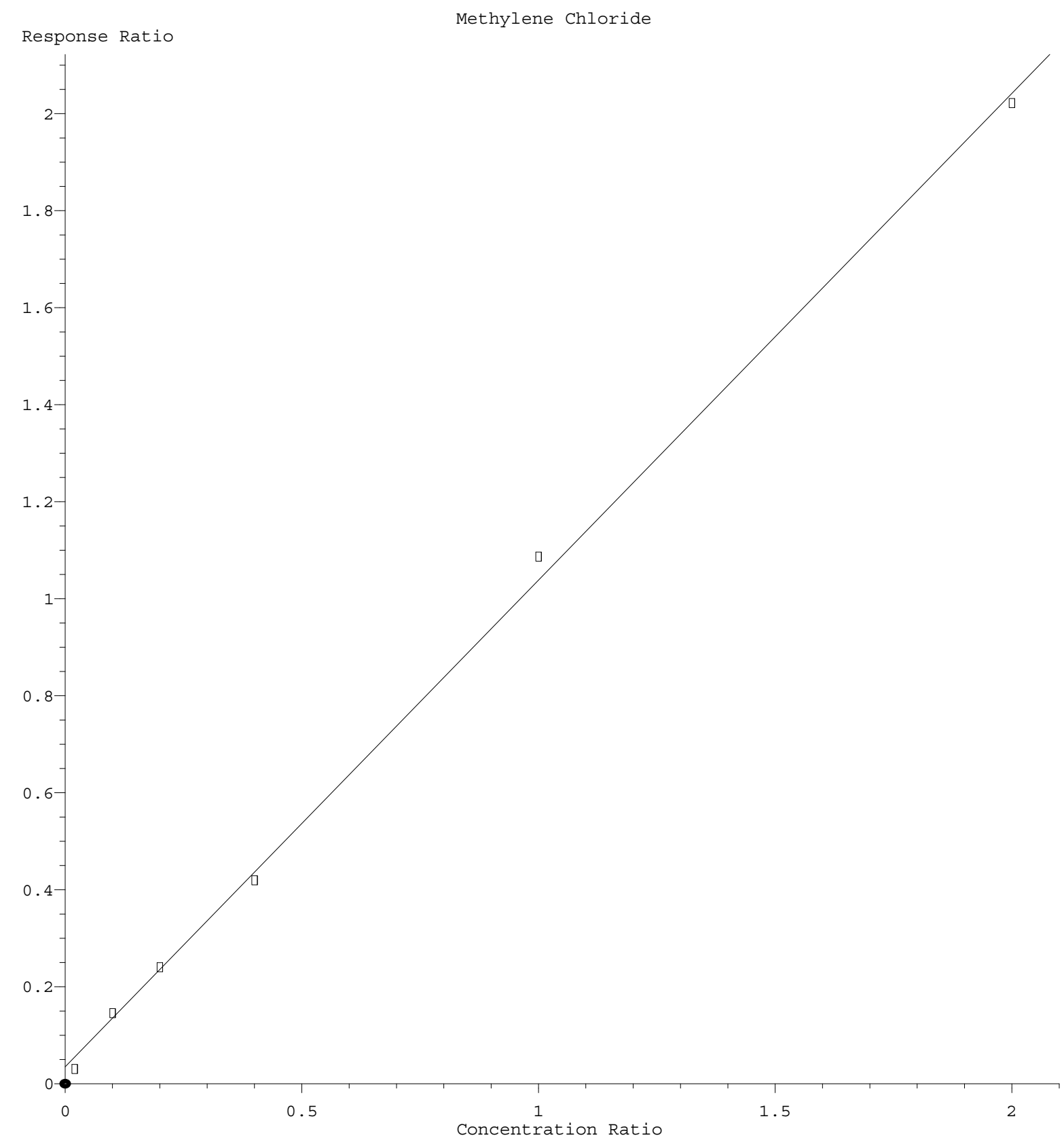

Response = 1.004e+000 * Amt + 3.490e-002
Coef of Det (r^2) = 0.998721 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N101422W.M
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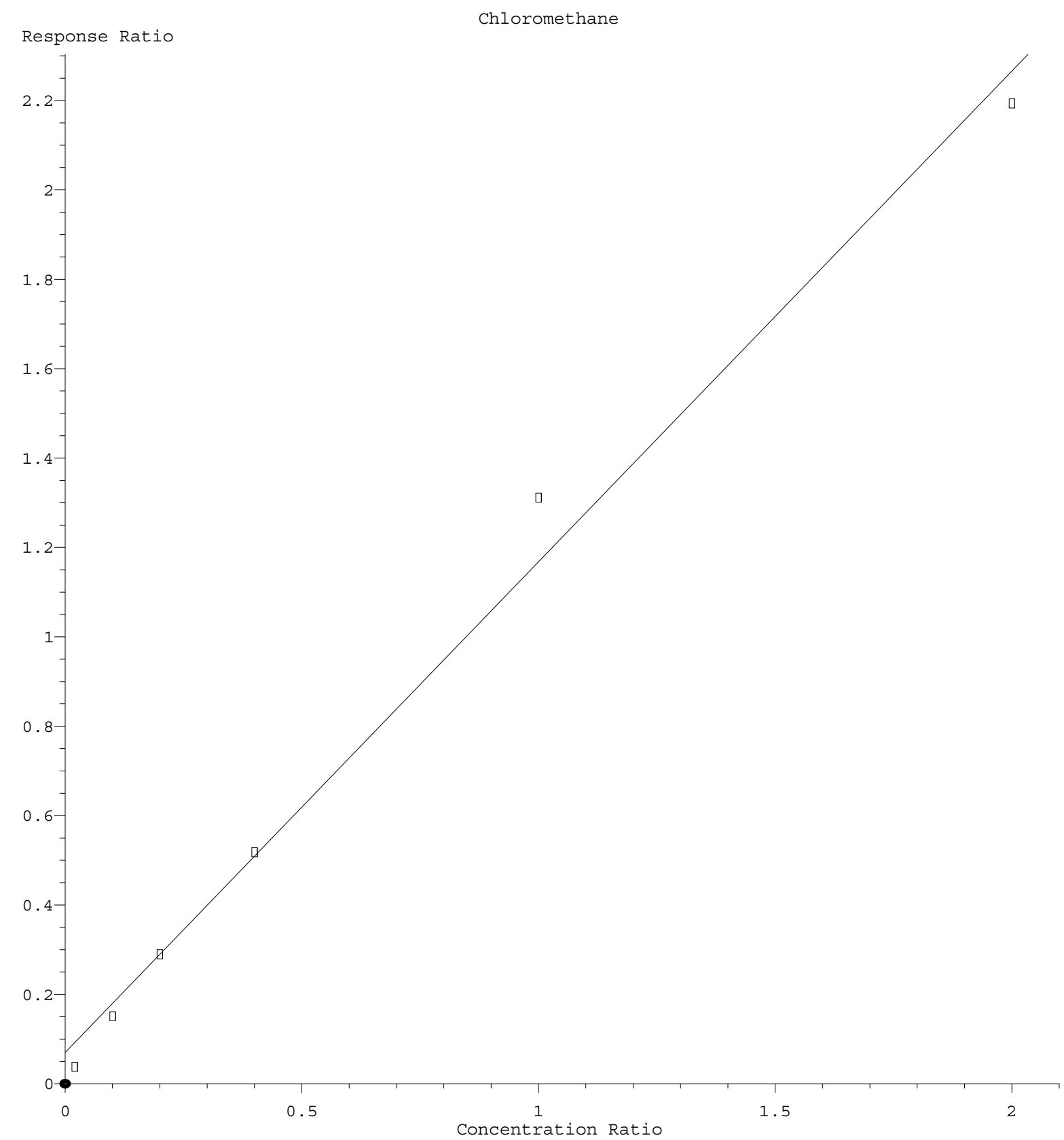

Response = 1.098e+000 * Amt + 6.955e-002
Coef of Det (r^2) = 0.991601 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N101422W.M
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