

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y122324S.M
 Title : SW846 8260
 Last Update : Wed Dec 25 00:58:45 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY020684.D 10 =VY020685.D 20 =VY020686.D 50 =VY020687.D 100 =VY020688.D 150 =VY020689.D

D

Compound		5	10	20	50	100	150	Avg	%RSD

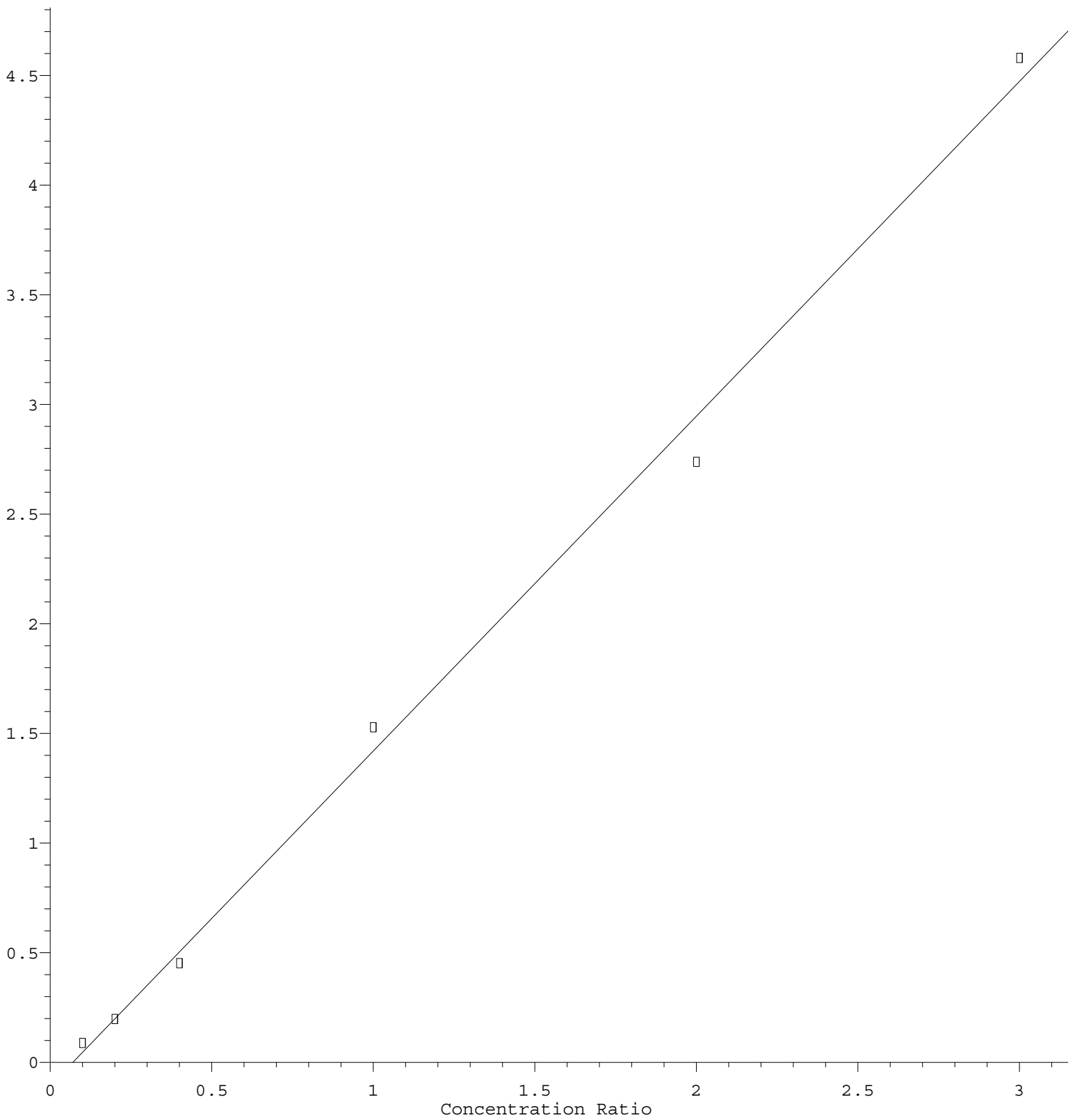
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.338	0.391	0.389	0.424	0.391	0.378	0.385	7.24
3) P	Chloromethane	0.125	0.165	0.151	0.176	0.161	0.163	0.157	11.12
4) C	Vinyl Chloride	0.163	0.196	0.184	0.212	0.193	0.200	0.191	8.61#
5) T	Bromomethane	0.111	0.133	0.123	0.150	0.144	0.151	0.135	11.87
6) T	Chloroethane	0.097	0.115	0.113	0.128	0.120	0.125	0.116	9.35
7) T	Trichlorofluor...	0.597	0.687	0.671	0.765	0.698	0.711	0.688	8.00
8) T	Diethyl Ether	0.155	0.151	0.156	0.193	0.163	0.171	0.165	9.39
9) T	1,1,2-Trichlor...	0.316	0.386	0.379	0.413	0.379	0.381	0.376	8.51
10) T	Methyl Iodide	0.326	0.413	0.419	0.502	0.468	0.468	0.433	14.32
11) T	Tert butyl alc...	0.057	0.041	0.034	0.032	0.023	0.026	0.035	34.92
12) CM	1,1-Dichloroet...	0.279	0.341	0.315	0.371	0.349	0.346	0.333	9.57#
13) T	Acrolein	0.011	0.013	0.012	0.008	0.006	0.006	0.009	31.40
14) T	Allyl chloride	0.321	0.372	0.389	0.431	0.414	0.419	0.391	10.36
15) T	Acrylonitrile	0.051	0.056	0.058	0.076	0.059	0.064	0.061	13.80
16) T	Acetone	0.059	0.049	0.047	0.058	0.043	0.048	0.051	12.39
17) T	Carbon Disulfide	0.654	0.768	0.769	0.978	0.907	0.913	0.831	14.57
18) T	Methyl Acetate	0.094	0.120	0.122	0.169	0.133	0.145	0.131	19.42
19) T	Methyl tert-bu...	0.769	0.869	0.904	1.042	0.908	0.949	0.907	9.92
20) T	Methylene Chlo...	0.324	0.346	0.317	0.370	0.333	0.332	0.337	5.53
21) T	trans-1,2-Dich...	0.310	0.350	0.350	0.404	0.370	0.374	0.360	8.73
22) T	Diisopropyl ether	0.671	0.813	0.791	0.899	0.819	0.804	0.799	9.20
23) T	Vinyl Acetate	0.386	0.454	0.466	0.565	0.474	0.495	0.473	12.24
24) P	1,1-Dichloroet...	0.500	0.583	0.597	0.668	0.616	0.611	0.596	9.26
25) T	2-Butanone	0.069	0.070	0.067	0.085	0.064	0.071	0.071	10.18
26) T	2,2-Dichloropr...	0.720	0.768	0.725	0.798	0.735	0.726	0.746	4.15
27) T	cis-1,2-Dichlo...	0.389	0.415	0.418	0.472	0.433	0.442	0.428	6.60
28) T	Bromochloromet...	0.106	0.119	0.141	0.183	0.181	0.187	0.153	23.44
29) T	Tetrahydrofuran	0.035	0.039	0.040	0.053	0.039	0.044	0.042	15.38
30) C	Chloroform	0.787	0.799	0.753	0.841	0.760	0.760	0.783	4.25#
31) T	Cyclohexane	0.579	0.557	0.500	0.536	0.485	0.479	0.523	7.83
32) T	1,1,1-Trichlor...	0.706	0.835	0.809	0.903	0.829	0.828	0.818	7.80
33) S	1,2-Dichloroet...		0.407	0.359	0.511	0.469	0.468	0.443	13.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.286	0.250	0.330	0.303	0.299	0.294	9.99
36) T	1,1-Dichloropr...	0.302	0.358	0.352	0.402	0.364	0.364	0.357	8.93
37) T	Ethyl Acetate	0.110	0.119	0.119	0.145	0.112	0.123	0.121	10.46
38) T	Carbon Tetrach...	0.472	0.585	0.562	0.654	0.595	0.597	0.577	10.41
39) T	Methylcyclohexane	0.385	0.444	0.431	0.512	0.469	0.481	0.454	9.70
40) TM	Benzene	0.870	1.019	1.009	1.163	1.057	1.058	1.029	9.27
41) T	Methacrylonitrile	0.056	0.057	0.072	0.082	0.066	0.064	0.066	14.55
42) TM	1,2-Dichloroet...	0.271	0.324	0.324	0.384	0.327	0.334	0.327	10.96
43) T	Isopropyl Acetate	0.187	0.217	0.236	0.303	0.244	0.266	0.242	16.46
44) TM	Trichloroethene	0.261	0.306	0.307	0.339	0.310	0.310	0.306	8.28
45) C	1,2-Dichloropr...	0.166	0.197	0.205	0.231	0.206	0.209	0.202	10.52#
46) T	Dibromomethane	0.118	0.131	0.138	0.163	0.144	0.144	0.140	10.64
47) T	Bromodichlorom...	0.326	0.384	0.392	0.461	0.404	0.409	0.396	10.99
48) T	Methyl methacr...	0.090	0.108	0.111	0.139	0.114	0.128	0.115	14.74
49) T	1,4-Dioxane	0.001	0.001	0.001	0.002	0.001	0.001	0.001	26.97
50) S	Toluene-d8		0.891	0.815	1.244	1.209	1.174	1.066	18.61
51) T	4-Methyl-2-Pen...	0.110	0.111	0.116	0.148	0.114	0.127	0.121	12.03
52) CM	Toluene	0.582	0.687	0.693	0.792	0.723	0.729	0.701	9.84#
53) T	t-1,3-Dichloro...	0.277	0.323	0.349	0.411	0.366	0.376	0.351	13.26
54) T	cis-1,3-Dichlo...	0.304	0.369	0.386	0.452	0.402	0.405	0.386	12.69
55) T	1,1,2-Trichlor...	0.154	0.175	0.176	0.214	0.180	0.186	0.181	10.81

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56)	T	Ethyl methacry...	0.170	0.200	0.220	0.287	0.243	0.263	0.231	18.53
57)	T	1,3-Dichloropr...	0.242	0.286	0.291	0.353	0.296	0.305	0.296	12.07
58)	T	2-Chloroethyl ...	0.074	0.072	0.082	0.101	0.092	0.096	0.086	14.12
59)	T	2-Hexanone	0.057	0.067	0.073	0.100	0.078	0.087	0.077	19.42
60)	T	Dibromochlorom...	0.244	0.271	0.287	0.335	0.292	0.303	0.289	10.64
61)	T	1,2-Dibromoethane	0.132	0.172	0.168	0.203	0.166	0.176	0.170	13.48
62)	S	4-Bromofluorob...	0.373	0.339	0.424	0.408	0.396	0.388		8.57
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.274	0.339	0.331	0.362	0.341	0.346	0.332	9.12
65)	PM	Chlorobenzene	0.811	0.932	0.924	1.022	0.956	0.961	0.934	7.46
66)	T	1,1,1,2-Tetrac...	0.321	0.368	0.360	0.398	0.369	0.373	0.365	6.89
67)	C	Ethyl Benzene	1.397	1.698	1.668	1.841	1.722	1.731	1.676	8.87#
68)	T	m/p-Xylenes	0.531	0.645	0.644	0.703	0.656	0.656	0.639	8.94
69)	T	o-Xylene	0.493	0.610	0.599	0.670	0.621	0.611	0.600	9.73
70)	T	Styrene	0.823	1.026	1.020	1.119	1.039	1.033	1.010	9.78
71)	P	Bromoform	0.180	0.195	0.208	0.247	0.206	0.219	0.209	10.99
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	2.983	3.415	3.372	3.667	3.515	3.453	3.401	6.74
74)	T	N-amyl acetate	0.361	0.411	0.449	0.591	0.513	0.542	0.478	17.98
75)	P	1,1,2,2-Tetrac...	0.386	0.444	0.430	0.498	0.424	0.445	0.438	8.30
76)	T	1,2,3-Trichlor...	0.305	0.372	0.341	0.349	0.346	0.357	0.345	6.49
77)	T	Bromobenzene	0.667	0.779	0.752	0.853	0.794	0.802	0.774	8.01
78)	T	n-propylbenzene	3.382	3.920	3.786	4.131	3.928	3.859	3.834	6.51
79)	T	2-Chlorotoluene	1.923	2.228	2.169	2.368	2.221	2.188	2.183	6.67
80)	T	1,3,5-Trimethy...	2.458	2.840	2.814	3.058	2.911	2.845	2.821	7.04
81)	T	trans-1,4-Dich...	0.128	0.153	0.155	0.195	0.154	0.167	0.159	13.79
82)	T	4-Chlorotoluene	1.938	2.214	2.232	2.421	2.262	2.290	2.226	7.15
83)	T	tert-Butylbenzene	2.340	2.609	2.608	2.842	2.703	2.647	2.625	6.27
84)	T	1,2,4-Trimethy...	2.330	2.749	2.772	3.039	2.858	2.786	2.756	8.47
85)	T	sec-Butylbenzene	3.092	3.493	3.553	3.813	3.671	3.584	3.534	6.89
86)	T	p-Isopropyltol...	2.598	3.016	3.111	3.376	3.260	3.178	3.090	8.76
87)	T	1,3-Dichlorobe...	1.340	1.499	1.475	1.675	1.528	1.510	1.504	7.14
88)	T	1,4-Dichlorobe...	1.290	1.485	1.473	1.605	1.502	1.489	1.474	6.94
89)	T	n-Butylbenzene	2.232	2.504	2.602	2.825	2.750	2.705	2.603	8.21
90)	T	Hexachloroethane	0.516	0.578	0.561	0.639	0.617	0.606	0.586	7.53
91)	T	1,2-Dichlorobe...	1.121	1.291	1.286	1.431	1.311	1.308	1.291	7.67
92)	T	1,2-Dibromo-3-...	0.075	0.080	0.079	0.096	0.080	0.090	0.083	9.31
93)	T	1,2,4-Trichlor...	0.563	0.667	0.713	0.882	0.866	0.908	0.767	18.23
94)	T	Hexachlorobuta...	0.466	0.530	0.561	0.628	0.622	0.618	0.571	11.31
95)	T	Naphthalene	0.888	0.990	1.131	1.528	1.369	1.527	1.239	22.27
96)	T	1,2,3-Trichlor...	0.465	0.545	0.607	0.747	0.721	0.760	0.641	18.83

(#) = Out of Range

Naphthalene

Response Ratio



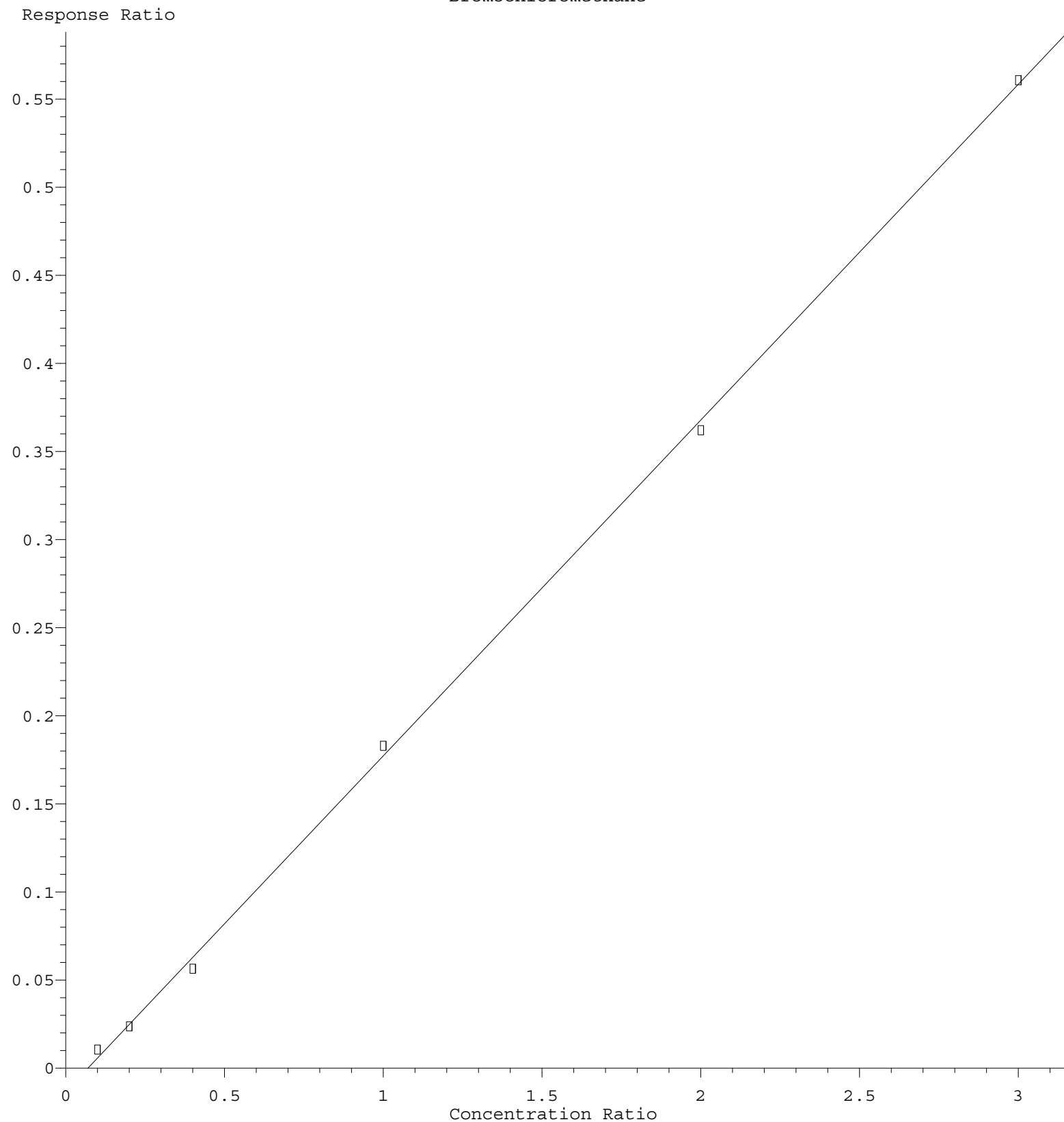
$$\text{Response} = 1.526e+000 * \text{Amt} - 1.069e-001$$

Coef of Det (r^2) = 0.995492 Curve Fit: Linear

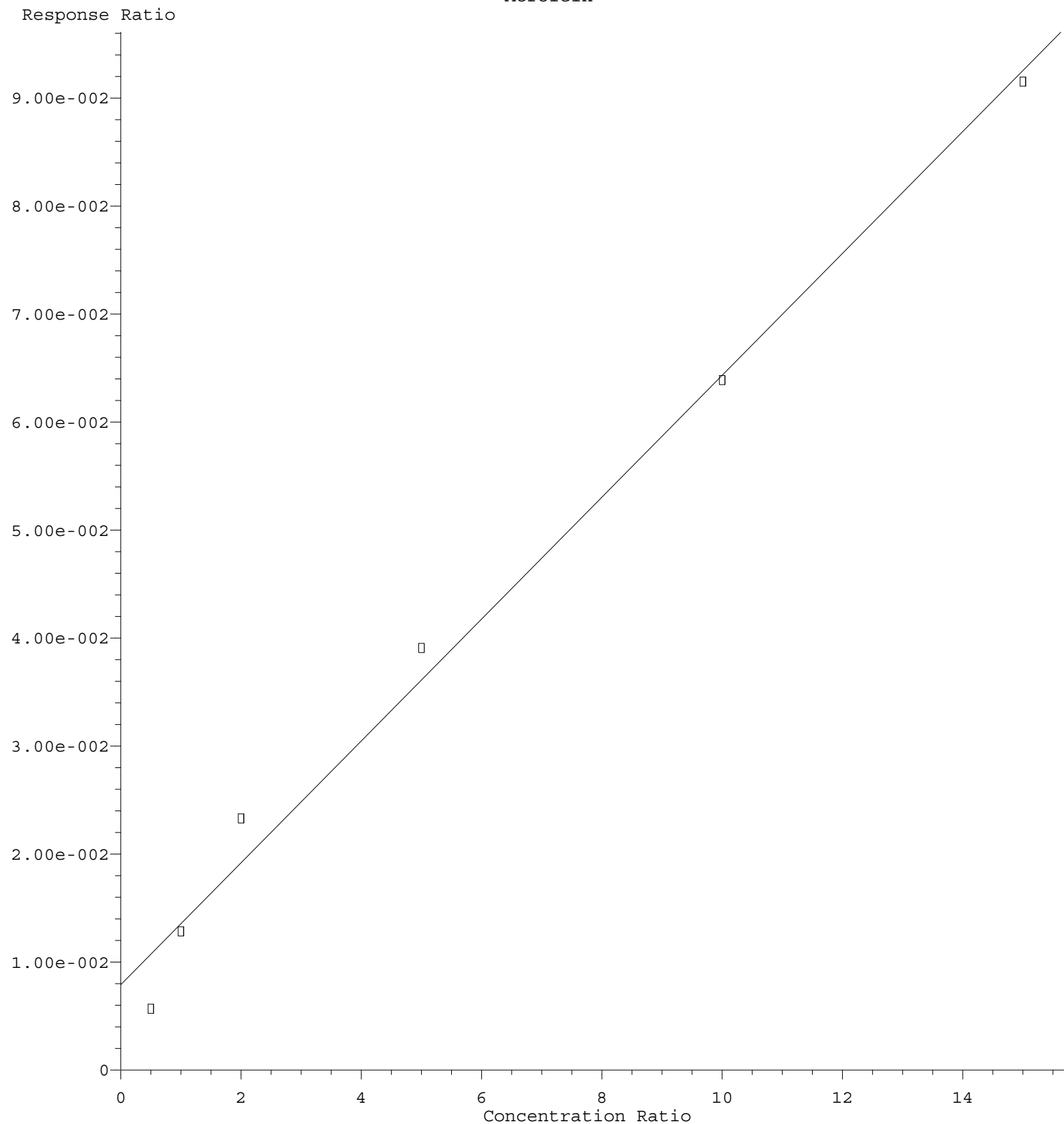
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y122324S.M

Calibration Table Last Updated: Wed Dec 25 00:58:45 2024

Bromochloromethane



Acrolein



Response = 5.648e-003 * Amt + 7.852e-003
 Coef of Det (r^2) = 0.990239 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y122324S.M
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