

Method Path : Z:\voasrv\HPCHEM1\MSVOA_T\methods\
 Method File : 82R100325W.M
 Title : SW846 8260
 Last Update : Mon Oct 06 12:35:38 2025
 Response Via : Initial Calibration

Calibration Files

1 =VR026774.D 5 =VR026775.D 10 =VR026776.D 20 =VR026777.D 50 =VR026778.D 100 =VR026779.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.493	0.416	0.406	0.536	0.519	0.504	0.479	11.41
3) P	Chloromethane	0.767	0.640	0.645	0.633	0.607	0.611	0.651	9.10
4) C	Vinyl Chloride	0.461	0.443	0.456	0.483	0.454	0.462	0.460	2.87#
5) T	Bromomethane		0.150	0.122	0.256	0.104	0.085	0.143	47.06
6) T	Chloroethane	0.304	0.262	0.210	0.278	0.243	0.229	0.255	13.51
7) T	Trichlorofluor...	0.824	0.773	0.734	0.855	0.794	0.723	0.784	6.52
8) T	Diethyl Ether	0.374	0.353	0.359	0.354	0.349	0.348	0.356	2.69
9) T	1,1,2-Trichlor...	0.533	0.460	0.465	0.481	0.466	0.463	0.478	5.88
10) T	Methyl Iodide		0.426	0.485	0.641	0.691	0.724	0.593	22.09
11) T	Tert butyl alc...		0.129	0.166	0.138	0.141	0.156	0.146	10.13
12) CM	1,1-Dichloroet...	0.522	0.486	0.471	0.525	0.500	0.506	0.502	4.09#
13) T	Acrolein		0.160	0.167	0.138	0.138	0.138	0.148	9.62
14) T	Allyl chloride	1.041	0.982	0.987	1.075	1.063	1.050	1.033	3.82
15) T	Acrylonitrile	0.423	0.390	0.392	0.404	0.392	0.366	0.395	4.69
16) T	Acetone	0.486	0.415	0.431	0.381	0.363	0.324	0.400	14.21
17) T	Carbon Disulfide	1.256	0.973	0.972	1.217	1.258	1.277	1.159	12.57
18) T	Methyl Acetate	1.011	0.945	0.943	0.998	0.967	0.908	0.962	3.95
19) T	Methyl tert-bu...	1.720	1.689	1.688	1.784	1.750	1.725	1.726	2.14
20) T	Methylene Chlo...	0.710	0.579	0.632	0.615	0.569	0.553	0.610	9.39
21) T	trans-1,2-Dich...	0.613	0.526	0.518	0.548	0.527	0.523	0.543	6.63
22) T	Diisopropyl ether	1.909	1.949	1.970	2.062	1.981	1.901	1.962	2.99
23) T	Vinyl Acetate	1.333	1.431	1.451	1.511	1.272	0.920	1.319	16.20
24) P	1,1-Dichloroet...	0.998	0.973	0.966	1.017	0.982	0.974	0.985	1.93
25) T	2-Butanone	0.592	0.572	0.606	0.584	0.568	0.498	0.570	6.66
26) T	2,2-Dichloropr...	0.692	0.648	0.676	0.759	0.756	0.758	0.715	6.85
27) T	cis-1,2-Dichlo...	0.617	0.607	0.623	0.647	0.628	0.633	0.626	2.17
28) T	Bromochloromet...	0.511	0.480	0.487	0.496	0.488	0.489	0.492	2.19
29) T	Tetrahydrofuran	0.373	0.356	0.376	0.380	0.385	0.355	0.371	3.37
30) C	Chloroform	0.991	0.915	0.931	0.967	0.936	0.941	0.947	2.87#
31) T	Cyclohexane		1.117	1.034	1.040	0.987	0.974	1.030	5.45
32) T	1,1,1-Trichlor...	0.804	0.740	0.749	0.827	0.830	0.839	0.798	5.42
33) S	1,2-Dichloroet...		0.577	0.535	0.627	0.628	0.638	0.601	7.28
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.249	0.247	0.287	0.295	0.299	0.275	9.20
36) T	1,1-Dichloropr...	0.455	0.432	0.429	0.452	0.442	0.449	0.443	2.41
37) T	Ethyl Acetate	0.670	0.637	0.642	0.659	0.646	0.626	0.647	2.40
38) T	Carbon Tetrach...	0.349	0.362	0.366	0.403	0.420	0.434	0.389	8.92
39) T	Methylcyclohexane	0.567	0.541	0.552	0.584	0.583	0.581	0.568	3.17
40) TM	Benzene	1.463	1.348	1.377	1.436	1.416	1.285	1.387	4.67
41) T	Methacrylonitrile	0.337	0.321	0.354	0.359	0.371	0.340	0.347	5.13
42) TM	1,2-Dichloroet...	0.485	0.451	0.443	0.459	0.448	0.450	0.456	3.37
43) T	Isopropyl Acetate	0.839	0.850	0.873	0.971	0.978	0.939	0.908	6.84
44) TM	Trichloroethene	0.387	0.327	0.326	0.349	0.333	0.345	0.344	6.60
45) C	1,2-Dichloropr...	0.318	0.319	0.323	0.328	0.333	0.336	0.326	2.28#
46) T	Dibromomethane	0.220	0.208	0.208	0.220	0.224	0.225	0.217	3.51
47) T	Bromodichlorom...	0.393	0.393	0.386	0.432	0.440	0.454	0.416	6.98
48) T	Methyl methacr...	0.435	0.446	0.464	0.480	0.496	0.493	0.469	5.34
49) T	1,4-Dioxane	0.011	0.011	0.011	0.011	0.011	0.012	0.011	4.40
50) S	Toluene-d8		0.996	1.009	1.242	1.268	1.175	1.138	11.28
51) T	4-Methyl-2-Pen...	0.649	0.624	0.659	0.661	0.576	0.415	0.597	15.90
52) CM	Toluene	0.876	0.893	0.887	0.935	0.934	0.902	0.904	2.73#
53) T	t-1,3-Dichloro...	0.396	0.402	0.440	0.492	0.531	0.550	0.468	14.04
54) T	cis-1,3-Dichlo...	0.404	0.449	0.469	0.525	0.543	0.563	0.492	12.48
55) T	1,1,2-Trichlor...	0.297	0.310	0.316	0.325	0.332	0.340	0.320	4.85
56) T	Ethyl methacry...	0.513	0.526	0.587	0.619	0.647	0.671	0.594	10.80

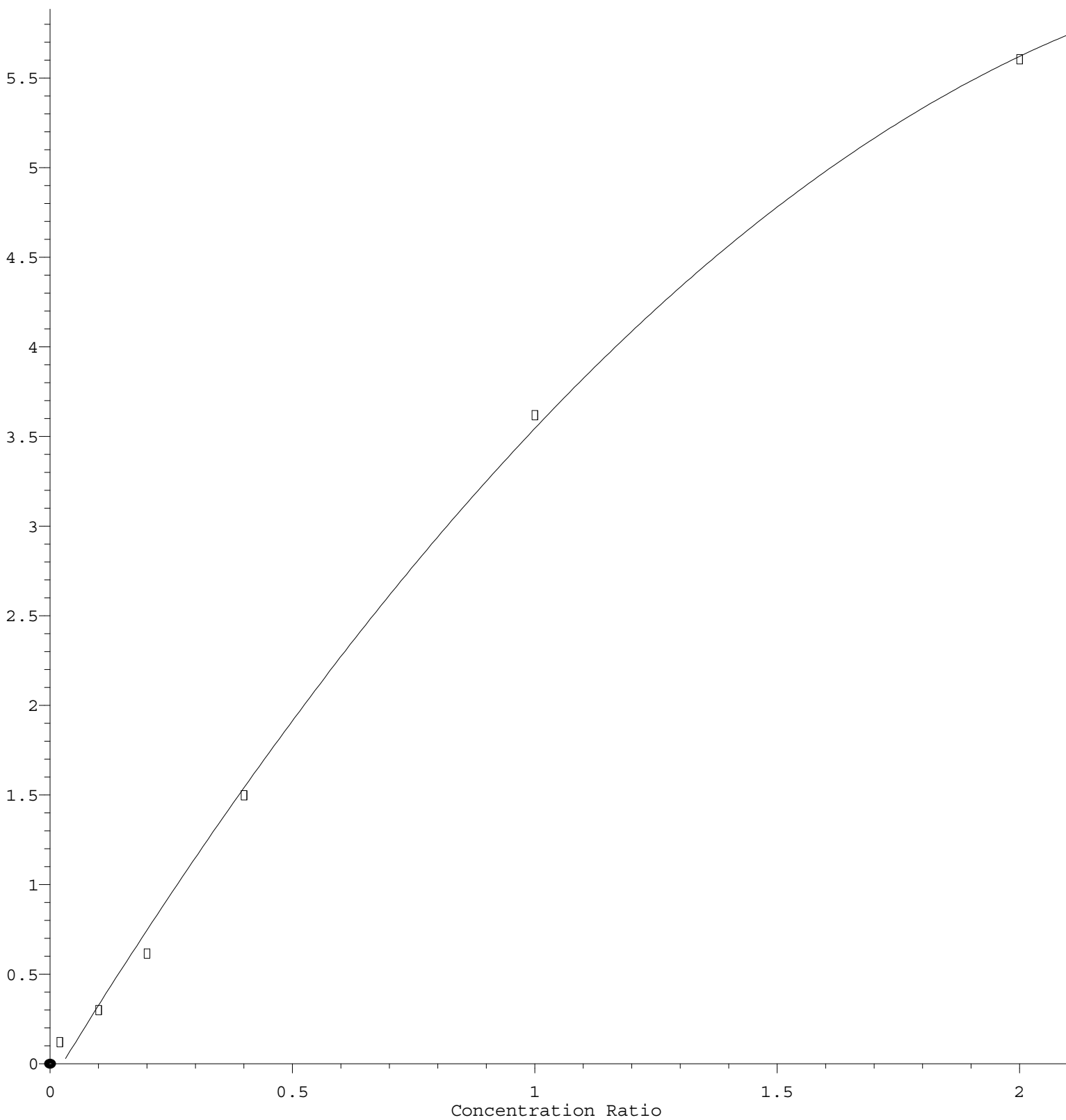
Method Path : Z:\voasrv\HPCHEM1\MSVOA_T\methods\
 Method File : 82R100325W.M

57)	T	1,3-Dichloropr...	0.572	0.562	0.562	0.592	0.592	0.596	0.579	2.74
58)	T	2-Chloroethyl ...	0.031	0.044	0.054	0.053	0.078	0.090	0.058	37.46
59)	T	2-Hexanone	0.599	0.513	0.572	0.535	0.492	0.382	0.515	14.75
60)	T	Dibromochlorom...	0.249	0.271	0.290	0.328	0.344	0.370	0.309	15.04
61)	T	1,2-Dibromoethane	0.347	0.317	0.331	0.343	0.348	0.358	0.340	4.28
62)	S	4-Bromofluorob...		0.446	0.457	0.500	0.514	0.583	0.500	10.85
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.381	0.313	0.312	0.337	0.327	0.323	0.332	7.72
65)	PM	Chlorobenzene	1.212	1.066	1.084	1.131	1.109	1.034	1.106	5.60
66)	T	1,1,1,2-Tetrac...	0.310	0.290	0.304	0.336	0.336	0.348	0.321	6.99
67)	C	Ethyl Benzene	1.920	1.850	1.880	2.002	1.873	1.518	1.840	9.06#
68)	T	m/p-Xylenes	0.766	0.748	0.753	0.795	0.765	0.686	0.752	4.83
69)	T	o-Xylene	0.687	0.688	0.734	0.773	0.766	0.756	0.734	5.23
70)	T	Styrene	1.211	1.266	1.310	1.371	1.347	1.244	1.292	4.80
71)	P	Bromoform	0.173	0.200	0.222	0.252	0.281	0.332	0.243	23.66
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.914	2.725	2.736	3.014	2.774	2.060	2.704	12.39
74)	T	N-amyl acetate	1.610	1.370	1.469	1.562	1.577	1.464	1.509	5.96
75)	P	1,1,2,2-Tetrac...	0.896	0.853	0.914	0.899	0.897	0.916	0.896	2.52
76)	T	1,2,3-Trichlor...	0.874	0.744	0.758	0.900	0.896	0.821	0.832	8.28
77)	T	Bromobenzene	0.803	0.733	0.743	0.782	0.737	0.713	0.752	4.50
78)	T	n-propylbenzene	3.744	3.443	3.448	3.686	3.323	2.358	3.334	15.12
79)	T	2-Chlorotoluene	2.287	2.028	2.060	2.198	2.110	1.787	2.078	8.24
80)	T	1,3,5-Trimethy...	2.562	2.453	2.485	2.673	2.513	1.987	2.446	9.72
81)	T	trans-1,4-Dich...		0.216	0.250	0.301	0.327	0.353	0.289	19.41
82)	T	4-Chlorotoluene	2.737	2.267	2.247	2.389	2.252	1.890	2.297	11.90
83)	T	tert-Butylbenzene	2.156	2.189	2.194	2.377	2.255	1.908	2.180	7.08
84)	T	1,2,4-Trimethy...	2.893	2.617	2.675	2.784	2.665	2.113	2.624	10.27
85)	T	sec-Butylbenzene	3.442	3.203	3.317	3.493	3.199	2.364	3.170	13.02
86)	T	p-Isopropyltol...	3.123	2.867	2.982	3.136	2.929	2.228	2.878	11.67
87)	T	1,3-Dichlorobe...	2.017	1.646	1.584	1.656	1.586	1.462	1.658	11.39
88)	T	1,4-Dichlorobe...	2.156	1.711	1.700	1.720	1.667	1.513	1.745	12.37
89)	T	n-Butylbenzene	3.264	2.785	2.812	3.015	2.851	2.169	2.816	12.91
90)	T	Hexachloroethane	0.315	0.318	0.343	0.408	0.445	0.475	0.384	17.81
91)	T	1,2-Dichlorobe...	1.837	1.615	1.628	1.715	1.652	1.480	1.655	7.13
92)	T	1,2-Dibromo-3-...	0.210	0.207	0.201	0.253	0.259	0.234	0.227	10.97
93)	T	1,2,4-Trichlor...	1.573	1.115	1.037	1.214	1.185	1.064	1.198	16.34
94)	T	Hexachlorobuta...	0.662	0.489	0.477	0.518	0.499	0.458	0.517	14.29
95)	T	Naphthalene	6.019	2.991	3.075	3.744	3.619	2.802	3.708	32.10
96)	T	1,2,3-Trichlor...	1.500	1.054	1.035	1.185	1.146	1.031	1.159	15.44

(#) = Out of Range

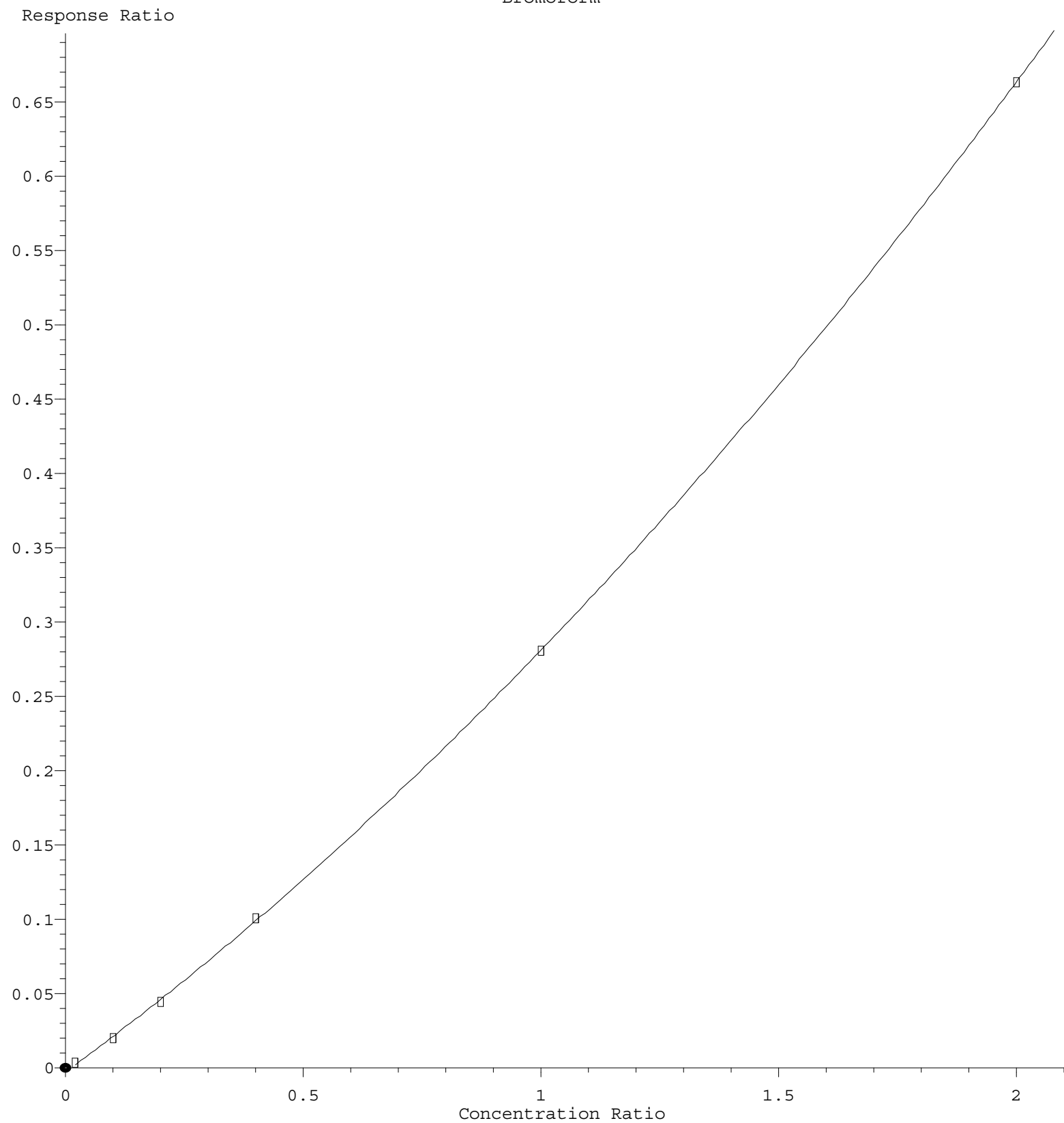
Naphthalene

Response Ratio



$R = -7.895e-001 A^2 + 4.444e+000 A - 1.107e-001$
 Coef of Det (r^2) = 0.998101 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA T\methods\82R100325W.M
 Calibration Table Last Updated: Mon Oct 06 12:35:38 2025

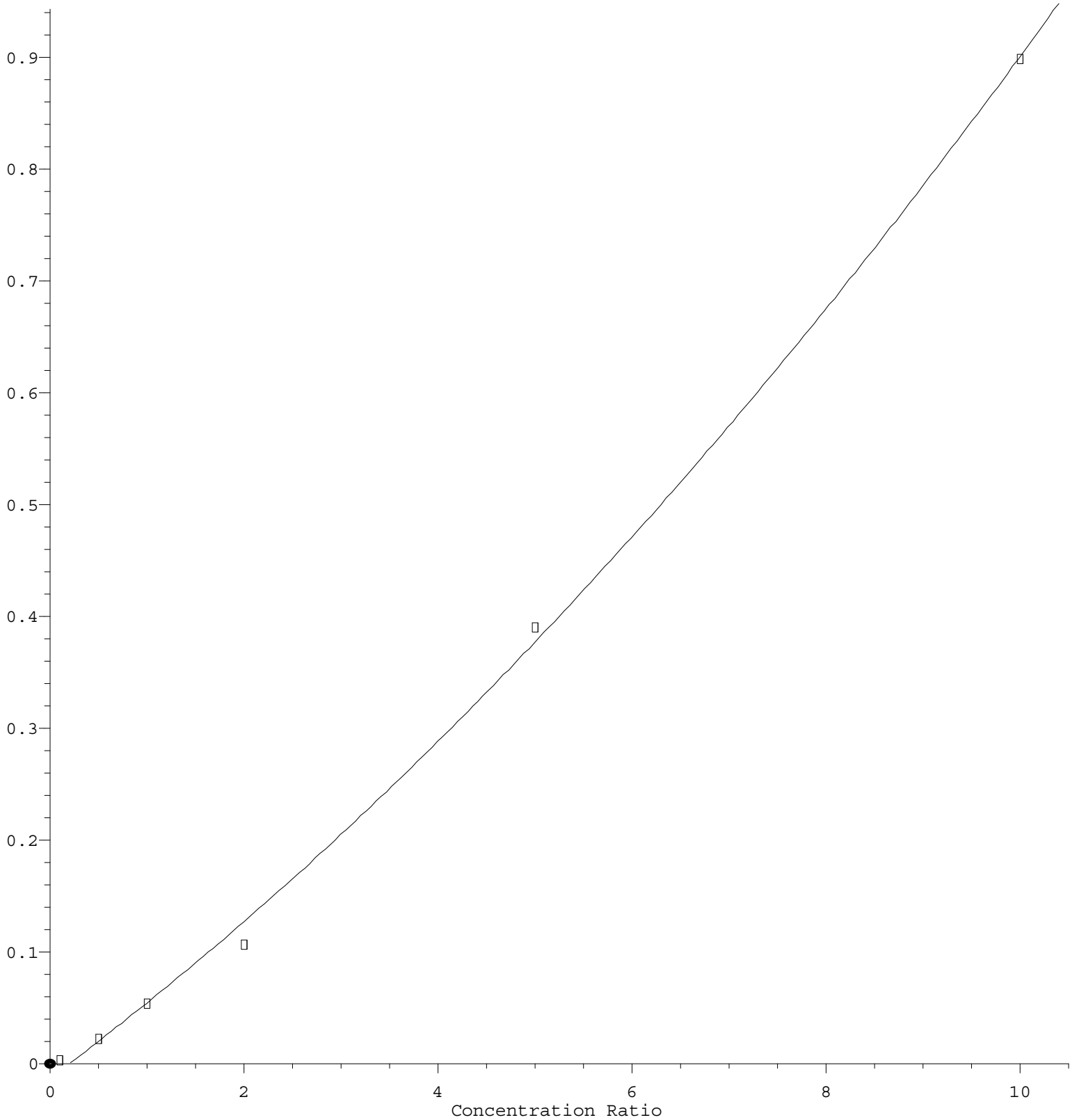
Bromoform



$R = 4.926e-002 A^2 + 2.345e-001 A - 2.747e-003$
 Coef of Det (r^2) = 0.999969 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA T\methods\82R100325W.M
 Calibration Table Last Updated: Mon Oct 06 12:35:38 2025

2-Chloroethyl Vinyl ether

Response Ratio



$R = 2.674e-003 A^2 + 6.460e-002 A - 1.265e-002$
 Coef of Det (r^2) = 0.998866 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA T\methods\82R100325W.M
 Calibration Table Last Updated: Mon Oct 06 12:35:38 2025

Methyl Iodide

Response Ratio

