

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X080724W.M
 Title : SW846 8260
 Last Update : Wed Aug 07 02:55:22 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX042877.D 5 =VX042878.D 20 =VX042879.D 50 =VX042880.D 100 =VX042881.D 150 =VX042882.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.521	0.492	0.550	0.552	0.571	0.547	0.539	5.21
3) P	Chloromethane	0.675	0.573	0.601	0.551	0.574	0.549	0.587	8.01
4) C	Vinyl Chloride	0.523	0.562	0.582	0.551	0.567	0.557	0.557	3.49#
5) T	Bromomethane		0.351	0.323	0.316	0.350	0.346	0.337	4.83
6) T	Chloroethane	0.382	0.331	0.321	0.321	0.284	0.266	0.317	12.73
7) T	Trichlorofluor...	1.016	0.903	0.934	0.887	0.728	0.730	0.866	13.30
8) T	Diethyl Ether	0.333	0.332	0.325	0.309	0.306	0.308	0.319	3.95
9) T	1,1,2-Trichlor...	0.571	0.527	0.578	0.533	0.535	0.525	0.545	4.27
10) T	Methyl Iodide		0.471	0.581	0.575	0.612	0.577	0.563	9.52
11) T	Tert butyl alc...		0.125	0.123	0.147	0.143	0.144	0.137	8.36
12) CM	1,1-Dichloroet...	0.559	0.561	0.575	0.535	0.548	0.529	0.551	3.09#
13) T	Acrolein		0.132	0.136	0.134	0.137	0.133	0.135	1.52
14) T	Allyl chloride	0.894	0.863	0.864	0.809	0.793	0.773	0.833	5.73
15) T	Acrylonitrile	0.360	0.342	0.371	0.342	0.344	0.332	0.348	4.14
16) T	Acetone	0.353	0.284	0.316	0.282	0.279	0.272	0.298	10.48
17) T	Carbon Disulfide	1.453	1.225	1.325	1.297	1.381	1.366	1.341	5.81
18) T	Methyl Acetate	1.096	1.024	0.965	0.881	0.871	0.828	0.944	10.88
19) T	Methyl tert-bu...	1.847	1.847	1.921	1.834	1.855	1.825	1.855	1.85
20) T	Methylene Chlo...	1.053	0.702	0.677	0.596	0.609	0.593	0.705	25.03
21) T	trans-1,2-Dich...	0.549	0.547	0.576	0.552	0.557	0.545	0.554	2.08
22) T	Diisopropyl ether	1.818	1.821	1.980	1.821	1.803	1.733	1.829	4.43
23) T	Vinyl Acetate	1.881	1.995	2.280	2.131	2.129	2.041	2.076	6.58
24) P	1,1-Dichloroet...	1.079	1.071	1.110	1.042	1.034	0.976	1.052	4.39
25) T	2-Butanone	0.449	0.462	0.510	0.469	0.466	0.449	0.468	4.81
26) T	2,2-Dichloropr...	0.666	0.627	0.658	0.638	0.637	0.655	0.647	2.34
27) T	cis-1,2-Dichlo...	0.585	0.666	0.708	0.663	0.668	0.655	0.658	6.11
28) T	Bromochloromet...	0.463	0.453	0.412	0.344	0.387	0.363	0.404	11.90
29) T	Tetrahydrofuran	0.323	0.320	0.341	0.310	0.309	0.293	0.316	5.12
30) C	Chloroform	1.114	1.083	1.166	1.091	1.092	1.062	1.101	3.25#
31) T	Cyclohexane		0.817	0.896	0.858	0.869	0.855	0.859	3.32
32) T	1,1,1-Trichlor...	0.918	0.937	1.012	0.971	0.995	0.984	0.970	3.70
33) S	1,2-Dichloroet...		0.726	0.669	0.667	0.687	0.683	0.686	3.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.333	0.315	0.323	0.336	0.329	0.327	2.57
36) T	1,1-Dichloropr...	0.475	0.441	0.448	0.429	0.435	0.432	0.443	3.80
37) T	Ethyl Acetate	0.602	0.511	0.597	0.548	0.539	0.530	0.555	6.67
38) T	Carbon Tetrach...	0.532	0.465	0.500	0.492	0.505	0.508	0.500	4.41
39) T	Methylcyclohexane	0.459	0.496	0.555	0.549	0.556	0.546	0.527	7.57
40) TM	Benzene	1.318	1.391	1.456	1.384	1.361	1.344	1.376	3.46
41) T	Methacrylonitrile	0.241	0.282	0.315	0.295	0.292	0.289	0.286	8.56
42) TM	1,2-Dichloroet...	0.500	0.505	0.524	0.497	0.492	0.484	0.500	2.73
43) T	Isopropyl Acetate	0.750	0.792	0.851	0.832	0.854	0.842	0.820	5.02
44) TM	Trichloroethene	0.348	0.347	0.359	0.338	0.342	0.340	0.346	2.25
45) C	1,2-Dichloropr...	0.360	0.344	0.371	0.347	0.341	0.332	0.349	3.98#
46) T	Dibromomethane	0.244	0.255	0.274	0.256	0.256	0.253	0.256	3.81
47) T	Bromodichlorom...	0.422	0.455	0.504	0.487	0.497	0.492	0.476	6.64
48) T	Methyl methacr...	0.329	0.371	0.425	0.411	0.416	0.408	0.393	9.35
49) T	1,4-Dioxane	0.007	0.009	0.009	0.009	0.009	0.009	0.009	9.32
50) S	Toluene-d8		1.195	1.151	1.136	1.170	1.151	1.161	1.96
51) T	4-Methyl-2-Pen...	0.495	0.550	0.612	0.554	0.554	0.532	0.549	6.89
52) CM	Toluene	0.732	0.836	0.915	0.849	0.851	0.824	0.834	7.11#
53) T	t-1,3-Dichloro...	0.346	0.390	0.465	0.457	0.490	0.493	0.440	13.42
54) T	cis-1,3-Dichlo...	0.392	0.468	0.508	0.503	0.523	0.522	0.486	10.30
55) T	1,1,2-Trichlor...	0.312	0.339	0.364	0.336	0.346	0.338	0.339	4.96
56) T	Ethyl methacry...	0.458	0.500	0.584	0.558	0.593	0.583	0.546	10.04

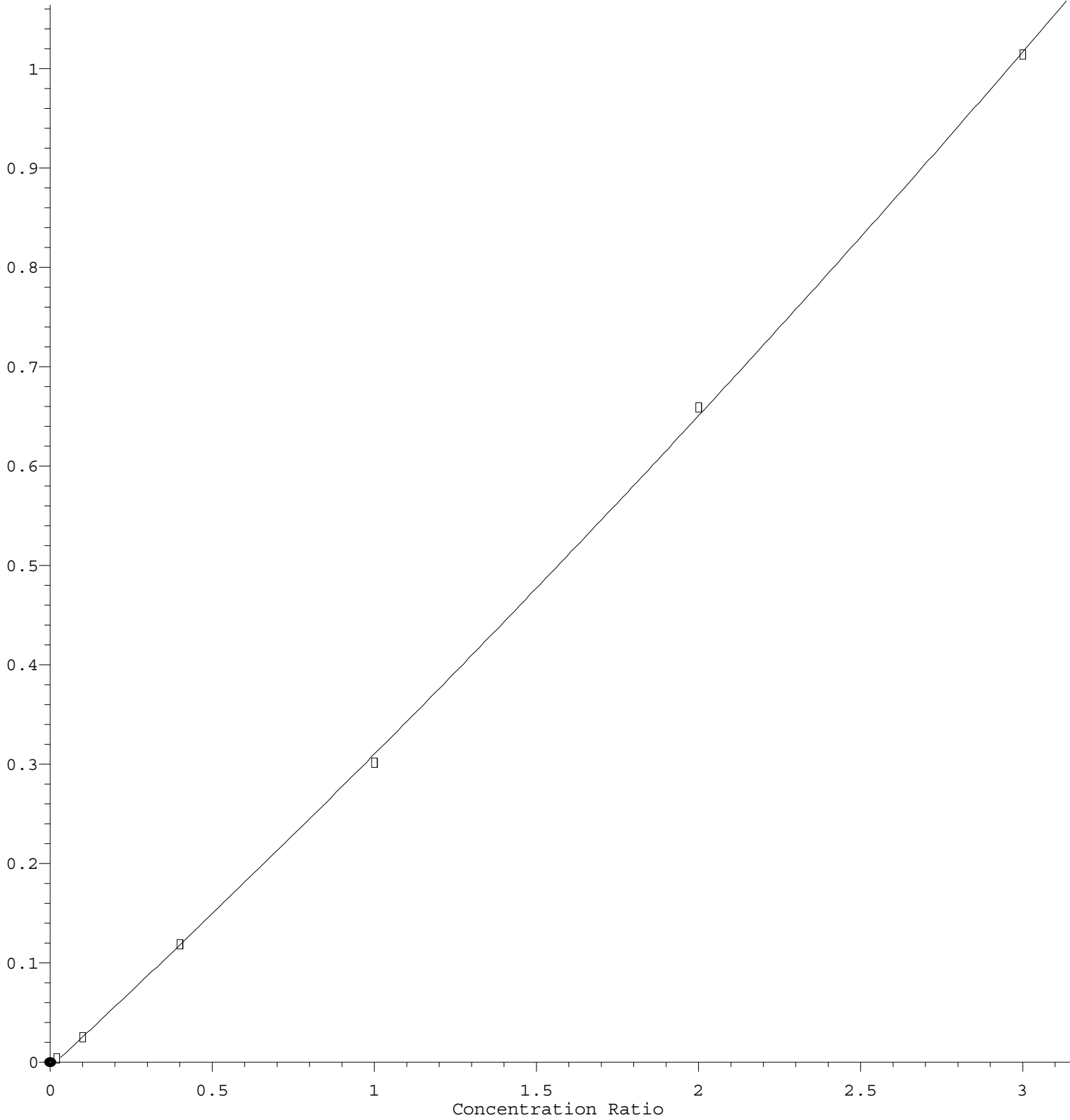
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X080724W.M

57)	T	1,3-Dichloropr...	0.516	0.558	0.602	0.554	0.561	0.544	0.556	5.02
58)	T	2-Chloroethyl ...	0.207	0.245	0.283	0.271	0.278	0.259	0.257	10.89
59)	T	2-Hexanone	0.390	0.416	0.464	0.428	0.432	0.423	0.426	5.67
60)	T	Dibromochlorom...	0.332	0.341	0.391	0.372	0.401	0.399	0.373	7.97
61)	T	1,2-Dibromoethane	0.327	0.352	0.386	0.359	0.366	0.360	0.358	5.43
62)	S	4-Bromofluorob...	0.404	0.401	0.398	0.441	0.441	0.417		5.30
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.354	0.335	0.368	0.348	0.343	0.337	0.348	3.47
65)	PM	Chlorobenzene	1.081	1.042	1.112	1.039	1.052	1.040	1.061	2.78
66)	T	1,1,1,2-Tetrac...	0.341	0.348	0.387	0.366	0.377	0.376	0.366	4.89
67)	C	Ethyl Benzene	1.660	1.668	1.921	1.806	1.830	1.823	1.785	5.71#
68)	T	m/p-Xylenes	0.601	0.637	0.754	0.696	0.701	0.698	0.681	7.93
69)	T	o-Xylene	0.662	0.639	0.727	0.687	0.694	0.686	0.683	4.33
70)	T	Styrene	0.880	1.005	1.181	1.154	1.185	1.179	1.098	11.54
71)	P	Bromoform	0.197	0.251	0.297	0.301	0.329	0.338	0.286	18.57
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.448	3.709	3.932	3.673	3.523	3.404	3.615	5.44
74)	T	N-ethyl acetate	1.404	1.558	1.727	1.694	1.697	1.679	1.627	7.61
75)	P	1,1,2,2-Tetrac...	1.465	1.402	1.401	1.274	1.212	1.191	1.324	8.60
76)	T	1,2,3-Trichlor...	1.195	1.246	1.142	1.053	0.989	1.122	1.124	8.31
77)	T	Bromobenzene	0.886	0.968	0.981	0.917	0.891	0.873	0.920	4.93
78)	T	n-propylbenzene	3.520	3.965	4.378	4.212	4.048	3.969	4.015	7.23
79)	T	2-Chlorotoluene	2.552	2.667	2.770	2.571	2.481	2.401	2.574	5.10
80)	T	1,3,5-Trimethy...	2.608	3.026	3.301	3.092	3.008	2.924	2.993	7.61
81)	T	trans-1,4-Dich...	0.269	0.340	0.360	0.372	0.389	0.346		13.48
82)	T	4-Chlorotoluene	2.711	2.892	3.134	2.923	2.862	2.835	2.893	4.80
83)	T	tert-Butylbenzene	2.950	3.024	3.248	3.100	3.097	3.038	3.076	3.27
84)	T	1,2,4-Trimethy...	2.623	2.921	3.329	3.158	3.055	2.994	3.013	7.90
85)	T	sec-Butylbenzene	2.988	3.613	4.009	3.781	3.715	3.628	3.622	9.45
86)	T	p-Isopropyltol...	2.417	2.902	3.281	3.209	3.148	3.098	3.009	10.54
87)	T	1,3-Dichlorobe...	1.704	1.646	1.764	1.647	1.612	1.612	1.664	3.57
88)	T	1,4-Dichlorobe...	1.850	1.728	1.769	1.635	1.622	1.630	1.706	5.45
89)	T	n-Butylbenzene	2.166	2.348	2.711	2.727	2.813	2.811	2.596	10.48
90)	T	Hexachloroethane	0.541	0.505	0.567	0.547	0.567	0.575	0.550	4.65
91)	T	1,2-Dichlorobe...	1.598	1.714	1.775	1.657	1.637	1.619	1.666	3.98
92)	T	1,2-Dibromo-3-...	0.291	0.263	0.309	0.293	0.288	0.301	0.291	5.30
93)	T	1,2,4-Trichlor...	1.001	0.941	1.027	1.017	1.043	1.069	1.017	4.31
94)	T	Hexachlorobuta...	0.394	0.425	0.449	0.434	0.440	0.444	0.431	4.57
95)	T	Naphthalene	2.999	3.267	3.704	3.664	3.721	3.749	3.518	8.84
96)	T	1,2,3-Trichlor...	0.928	0.954	1.051	1.045	1.069	1.093	1.023	6.50

(#) = Out of Range

Response Ratio

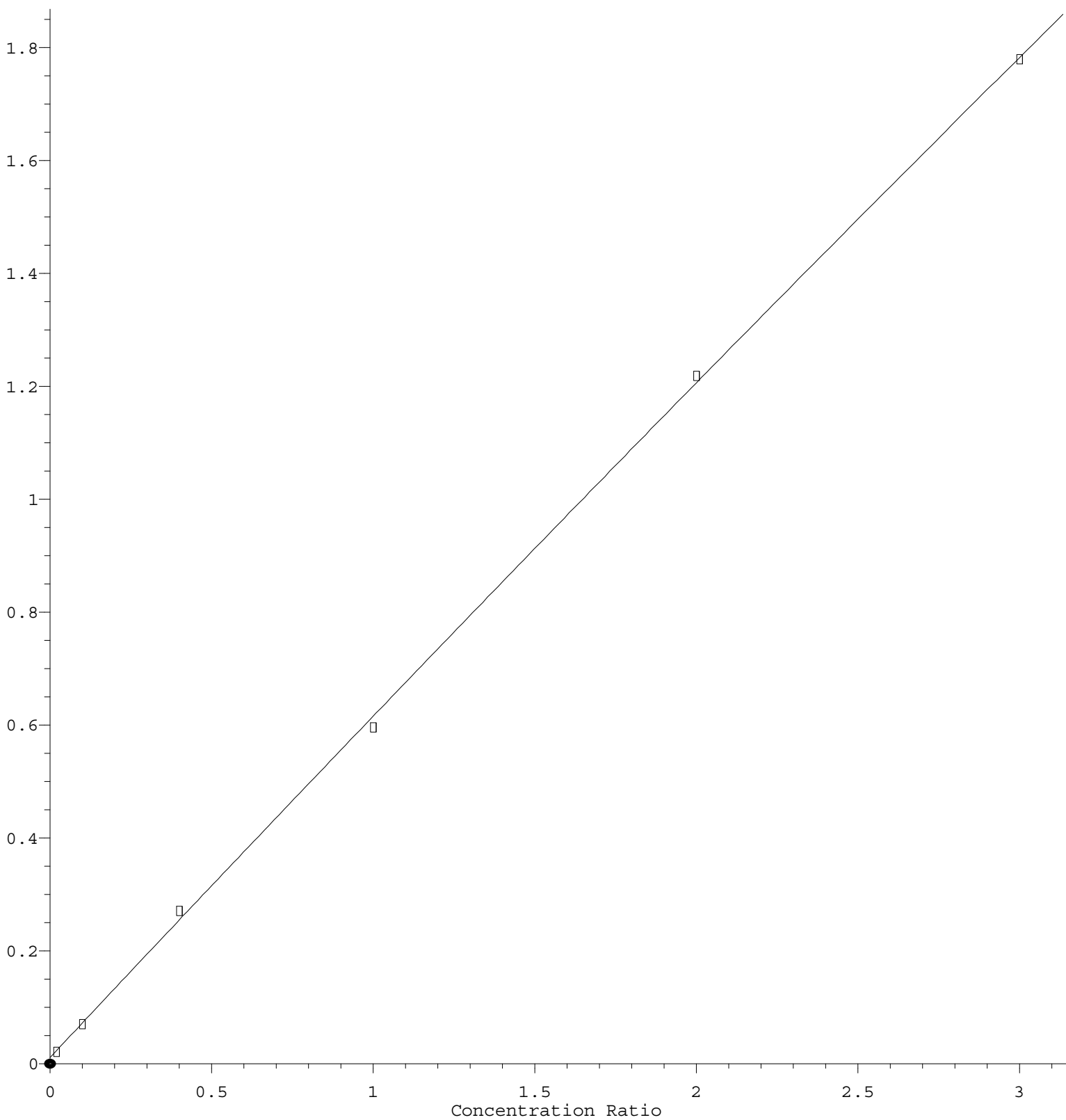
Bromoform



R = 1.280e-002 A*A + 3.022e-001 A - 4.895e-003
Coef of Det (r^2) = 0.999804 Curve Fit: Quadratic
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Calibration Table Last Updated: Wed Aug 07 02:55:22 2024

Methylene Chloride

Response Ratio



$R = -7.046e-003 A^2 + 6.116e-001 A + 1.127e-002$
 Coef of Det (r^2) = 0.999667 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X080724W.M
 Calibration Table Last Updated: Wed Aug 07 02:55:22 2024