

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D111424S.M
 Title : SW846 8260
 Last Update : Fri Nov 15 06:28:05 2024
 Response Via : Initial Calibration

Calibration Files

5 =VD080011.D 10 =VD080012.D 20 =VD080013.D 50 =VD080014.D 100 =VD080015.D 150 =VD080016.D

D

Compound		5	10	20	50	100	150	Avg	%RSD

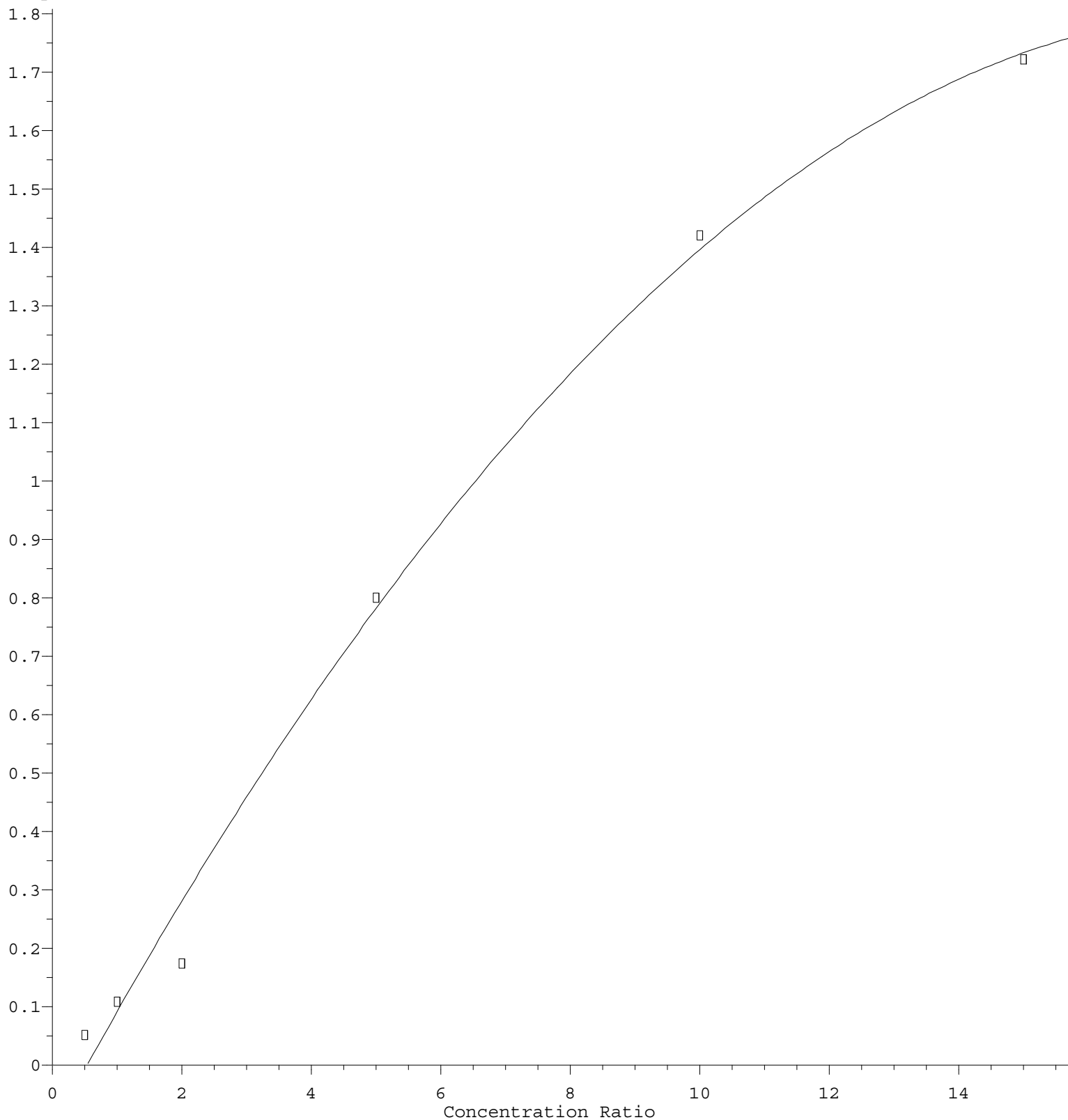
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.505	0.393	0.379	0.469	0.345	0.402	0.416	14.37
3) P	Chloromethane	0.351	0.335	0.269	0.337	0.268	0.273	0.305	12.87
4) C	Vinyl Chloride	0.408	0.413	0.309	0.403	0.299	0.315	0.358	15.51#
5) T	Bromomethane	0.599	0.553	0.394	0.425	0.302	0.329	0.434	27.54
6) T	Chloroethane	0.255	0.300	0.212	0.284	0.199	0.207	0.243	17.79
7) T	Trichlorofluor...	1.045	0.886	0.781	0.943	0.705	0.781	0.857	14.59
8) T	Diethyl Ether	0.241	0.225	0.211	0.263	0.237	0.245	0.237	7.47
9) T	1,1,2-Trichlor...	0.659	0.551	0.498	0.573	0.456	0.507	0.541	13.16
10) T	Methyl Iodide	0.172	0.226	0.385	0.681	0.632	0.787	0.480	53.20
11) T	Tert butyl alc...	0.030	0.028	0.025	0.027	0.024	0.025	0.026	9.67
12) CM	1,1-Dichloroet...	0.565	0.496	0.479	0.571	0.477	0.526	0.519	8.11#
13) T	Acrolein	0.041	0.044	0.043	0.058	0.055	0.049	0.048	14.55
14) T	Allyl chloride	0.668	0.645	0.578	0.818	0.701	0.812	0.704	13.54
15) T	Acrylonitrile	0.093	0.093	0.093	0.114	0.103	0.111	0.101	9.27
16) T	Acetone	0.103	0.109	0.087	0.160	0.142	0.115	0.119	22.56
17) T	Carbon Disulfide	1.881	1.771	1.518	1.912	1.539	1.637	1.710	9.97
18) T	Methyl Acetate	0.256	0.225	0.199	0.267	0.235	0.253	0.239	10.48
19) T	Methyl tert-bu...	0.985	0.889	0.950	1.183	1.056	1.178	1.040	11.66
20) T	Methylene Chlo...	0.771	0.661	0.576	0.669	0.549	0.605	0.638	12.53
21) T	trans-1,2-Dich...	0.612	0.547	0.534	0.652	0.534	0.609	0.581	8.58
22) T	Diisopropyl ether	1.334	1.305	1.475	1.713	1.441	1.612	1.480	10.70
23) T	Vinyl Acetate	0.703	0.721	0.811	0.969	0.856	0.931	0.832	13.02
24) P	1,1-Dichloroet...	1.023	0.975	0.982	1.080	0.894	1.011	0.994	6.20
25) T	2-Butanone	0.161	0.128	0.135	0.179	0.158	0.161	0.154	12.27
26) T	2,2-Dichloropr...	1.073	0.864	0.825	0.939	0.764	0.870	0.889	12.03
27) T	cis-1,2-Dichlo...	0.738	0.592	0.610	0.736	0.622	0.709	0.668	10.04
28) T	Bromochloromet...	0.532	0.448	0.433	0.443	0.424	0.395	0.446	10.41
29) T	Tetrahydrofuran	0.087	0.068	0.077	0.088	0.079	0.083	0.080	9.14
30) C	Chloroform	1.330	1.090	1.028	1.162	0.947	1.061	1.103	11.95#
31) T	Cyclohexane	1.004	0.798	0.765	0.901	0.732	0.847	0.841	11.85
32) T	1,1,1-Trichlor...	1.089	0.879	0.867	0.993	0.791	0.906	0.921	11.41
33) S	1,2-Dichloroet...	0.599	0.493	0.534	0.485	0.456	0.508	0.513	9.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.356	0.314	0.343	0.336	0.304	0.353	0.334	6.34
36) T	1,1-Dichloropr...	0.546	0.457	0.445	0.549	0.428	0.501	0.488	10.73
37) T	Ethyl Acetate	0.241	0.192	0.188	0.214	0.184	0.196	0.203	10.59
38) T	Carbon Tetrach...	0.636	0.534	0.500	0.572	0.444	0.529	0.536	12.12
39) T	Methylcyclohexane	0.600	0.498	0.510	0.645	0.519	0.642	0.569	11.95
40) TM	Benzene	1.646	1.379	1.401	1.694	1.341	1.580	1.507	10.05
41) T	Methacrylonitrile	0.128	0.084	0.108	0.111	0.108	0.110	0.108	13.01
42) TM	1,2-Dichloroet...	0.459	0.370	0.380	0.430	0.342	0.387	0.395	10.77
43) T	Isopropyl Acetate	0.408	0.337	0.340	0.402	0.342	0.380	0.368	8.82
44) TM	Trichloroethene	0.433	0.364	0.370	0.425	0.340	0.399	0.389	9.38
45) C	1,2-Dichloropr...	0.387	0.328	0.340	0.404	0.322	0.370	0.359	9.32#
46) T	Dibromomethane	0.235	0.198	0.201	0.231	0.190	0.210	0.211	8.68
47) T	Bromodichlorom...	0.592	0.493	0.499	0.590	0.460	0.537	0.528	10.24
48) T	Methyl methacr...	0.172	0.120	0.151	0.191	0.165	0.188	0.165	16.12
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.81
50) S	Toluene-d8	1.298	1.140	1.273	1.289	1.194	1.394	1.265	7.01
51) T	4-Methyl-2-Pen...	0.188	0.159	0.181	0.211	0.180	0.194	0.186	9.39
52) CM	Toluene	0.946	0.834	0.872	1.085	0.871	1.022	0.938	10.49#
53) T	t-1,3-Dichloro...	0.462	0.415	0.425	0.515	0.429	0.501	0.458	9.17
54) T	cis-1,3-Dichlo...	0.559	0.488	0.516	0.623	0.513	0.594	0.549	9.53
55) T	1,1,2-Trichlor...	0.322	0.282	0.270	0.297	0.241	0.276	0.281	9.61

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56)	T	Ethyl methacry...	0.314	0.255	0.292	0.373	0.323	0.363	0.320	13.72
57)	T	1,3-Dichloropr...	0.503	0.415	0.434	0.499	0.408	0.471	0.455	9.16
58)	T	2-Chloroethyl ...	0.102	0.097	0.104	0.120	0.128	0.134	0.114	13.20
59)	T	2-Hexanone	0.137	0.112	0.130	0.173	0.149	0.152	0.142	14.56
60)	T	Dibromochlorom...	0.429	0.345	0.354	0.403	0.332	0.374	0.373	9.94
61)	T	1,2-Dibromoethane	0.298	0.240	0.255	0.286	0.238	0.268	0.264	9.26
62)	S	4-Bromofluorob...	0.451	0.381	0.419	0.434	0.398	0.461	0.424	7.27
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.437	0.360	0.342	0.409	0.338	0.379	0.377	10.43
65)	PM	Chlorobenzene	1.308	1.066	1.046	1.242	1.028	1.183	1.146	10.10
66)	T	1,1,1,2-Tetrac...	0.457	0.390	0.372	0.448	0.358	0.418	0.407	9.88
67)	C	Ethyl Benzene	1.893	1.624	1.732	2.189	1.807	2.131	1.896	11.78#
68)	T	m/p-Xylenes	0.742	0.644	0.696	0.872	0.711	0.822	0.748	11.32
69)	T	o-Xylene	0.642	0.589	0.616	0.788	0.660	0.779	0.679	12.48
70)	T	Styrene	1.147	1.032	1.129	1.401	1.171	1.363	1.207	11.92
71)	P	Bromoform	0.256	0.220	0.219	0.251	0.206	0.228	0.230	8.57
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.296	2.760	2.940	3.794	3.065	3.853	3.285	13.78
74)	T	N-amyl acetate	0.740	0.578	0.658	0.780	0.673	0.777	0.701	11.28
75)	P	1,1,2,2-Tetrac...	0.763	0.591	0.600	0.675	0.551	0.631	0.635	11.83
76)	T	1,2,3-Trichlor...	0.486	0.381	0.470	0.442	0.366	0.413	0.426	11.35
77)	T	Bromobenzene	0.939	0.746	0.789	0.977	0.785	0.952	0.865	11.76
78)	T	n-propylbenzene	4.120	3.426	3.718	4.726	3.776	4.621	4.065	12.83
79)	T	2-Chlorotoluene	2.558	2.121	2.195	2.718	2.194	2.709	2.416	11.45
80)	T	1,3,5-Trimethy...	2.678	2.328	2.545	3.247	2.617	3.254	2.778	13.84
81)	T	trans-1,4-Dich...	0.239	0.194	0.211	0.242	0.202	0.234	0.220	9.32
82)	T	4-Chlorotoluene	2.725	2.275	2.373	2.903	2.301	2.816	2.565	10.93
83)	T	tert-Butylbenzene	2.428	1.964	2.140	2.805	2.272	2.774	2.397	14.20
84)	T	1,2,4-Trimethy...	2.673	2.329	2.613	3.303	2.694	3.335	2.824	14.33
85)	T	sec-Butylbenzene	3.549	3.083	3.293	4.180	3.302	4.137	3.591	12.93
86)	T	p-Isopropyltol...	2.997	2.535	2.749	3.554	2.871	3.573	3.047	14.07
87)	T	1,3-Dichlorobe...	2.057	1.622	1.635	1.950	1.562	1.911	1.790	11.60
88)	T	1,4-Dichlorobe...	2.259	1.655	1.623	1.909	1.522	1.843	1.802	14.77
89)	T	n-Butylbenzene	2.926	2.381	2.482	3.286	2.638	3.280	2.832	13.94
90)	T	Hexachloroethane	0.792	0.601	0.597	0.729	0.570	0.696	0.664	13.29
91)	T	1,2-Dichlorobe...	1.826	1.396	1.437	1.747	1.357	1.623	1.564	12.54
92)	T	1,2-Dibromo-3-...	0.124	0.097	0.088	0.097	0.081	0.096	0.097	15.04
93)	T	1,2,4-Trichlor...	1.048	0.853	0.834	1.054	0.882	1.082	0.959	11.89
94)	T	Hexachlorobuta...	0.612	0.475	0.479	0.574	0.452	0.566	0.526	12.49
95)	T	Naphthalene	1.623	1.298	1.408	1.812	1.615	1.931	1.615	14.71
96)	T	1,2,3-Trichlor...	0.900	0.696	0.746	0.937	0.776	0.950	0.834	12.94

(#) = Out of Range

Acetone

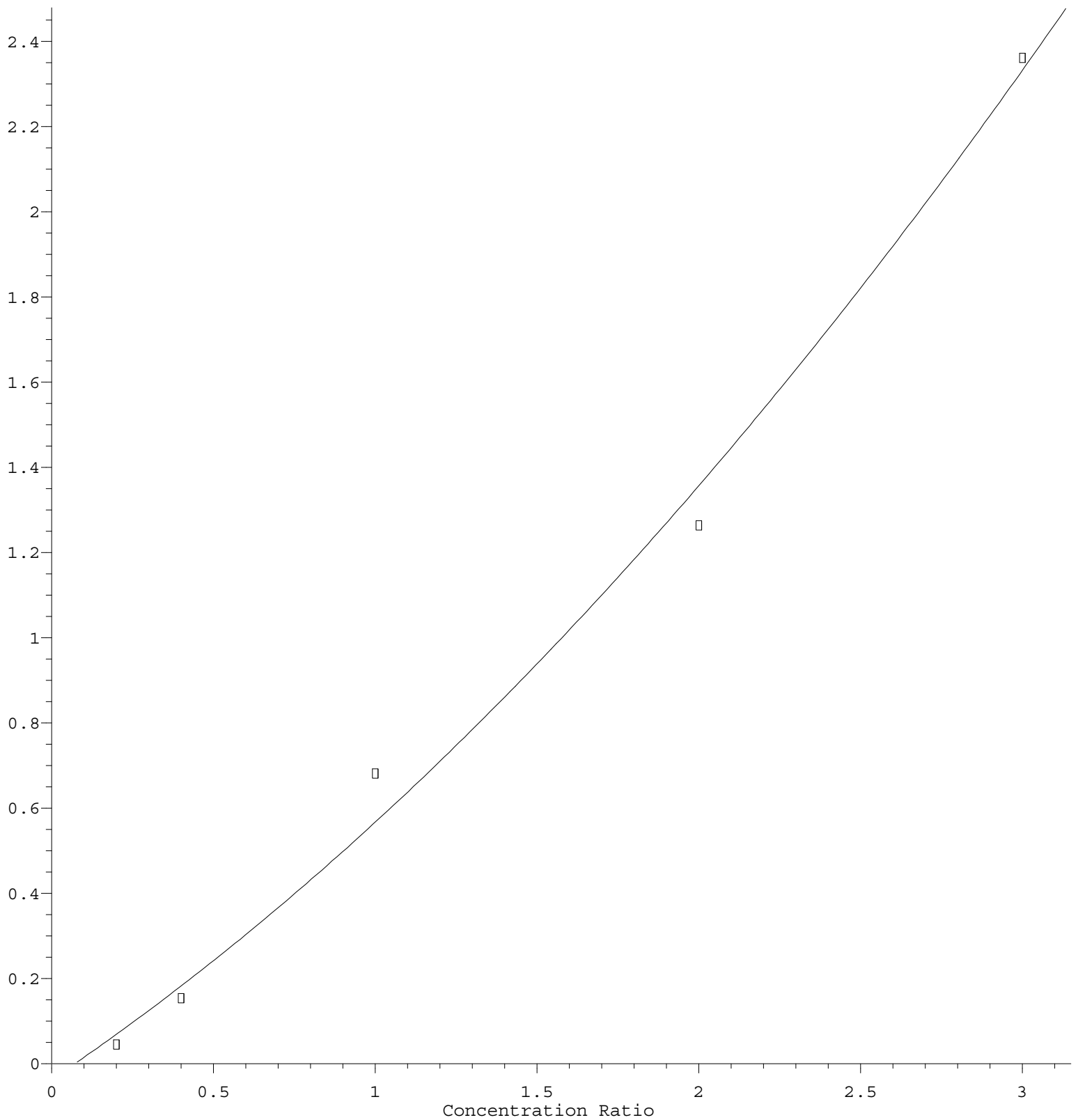
Response Ratio



$R = -5.542e-003 A^2 + 2.059e-001 A - 1.088e-001$
 Coef of Det (r^2) = 0.993807 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D111424S.M
 Calibration Table Last Updated: Fri Nov 15 06:28:05 2024

Methyl Iodide

Response Ratio



$R = 9.285e-002 A^2 + 5.111e-001 A - 3.687e-002$
Coef of Det (r^2) = 0.994372 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA D\Method\82D111424S.M
Calibration Table Last Updated: Fri Nov 15 06:28:05 2024