

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040124W.M
 Title : SW846 8260
 Last Update : Tue Apr 02 05:40:55 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX040842.D 5 =VX040843.D 20 =VX040844.D 50 =VX040845.D 100 =VX040846.D 150 =VX040847.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.688	0.655	0.644	0.682	0.713	0.685	0.678	3.67
3) P	Chloromethane	0.529	0.579	0.575	0.589	0.623	0.617	0.585	5.78
4) C	Vinyl Chloride	0.598	0.597	0.613	0.599	0.620	0.599	0.604	1.62#
5) T	Bromomethane		0.416	0.373	0.416	0.336	0.319	0.372	12.05
6) T	Chloroethane	0.399	0.395	0.403	0.381	0.378	0.380	0.390	2.83
7) T	Trichlorofluor...	1.164	1.196	1.192	1.156	1.095	1.139	1.157	3.22
8) T	Diethyl Ether	0.394	0.410	0.332	0.362	0.374	0.369	0.374	7.20
9) T	1,1,2-Trichlor...	0.616	0.617	0.605	0.585	0.586	0.569	0.596	3.24
10) T	Methyl Iodide		0.719	0.768	0.736	0.726	0.668	0.723	5.00
11) T	Tert butyl alc...		0.158	0.162	0.165	0.164	0.170	0.164	2.52
12) CM	1,1-Dichloroet...	0.544	0.600	0.573	0.545	0.559	0.535	0.559	4.30#
13) T	Acrolein		0.084	0.082	0.090	0.094	0.097	0.089	7.59
14) T	Allyl chloride	0.887	1.018	1.023	1.011	1.046	1.028	1.002	5.73
15) T	Acrylonitrile	0.339	0.342	0.348	0.350	0.350	0.343	0.346	1.39
16) T	Acetone	0.398	0.349	0.349	0.338	0.336	0.320	0.348	7.64
17) T	Carbon Disulfide	1.946	1.531	1.560	1.519	1.620	1.533	1.618	10.18
18) T	Methyl Acetate	0.748	0.859	0.859	0.836	0.837	0.820	0.826	4.98
19) T	Methyl tert-bu...	1.986	1.921	1.972	1.946	2.031	1.958	1.969	1.91
20) T	Methylene Chlo...	0.813	0.613	0.647	0.591	0.615	0.594	0.646	13.11
21) T	trans-1,2-Dich...	0.696	0.565	0.593	0.549	0.585	0.557	0.591	9.17
22) T	Diisopropyl ether	1.791	1.933	1.980	1.933	2.052	2.012	1.950	4.64
23) T	Vinyl Acetate	1.715	1.764	1.898	1.907	1.987	1.942	1.869	5.68
24) P	1,1-Dichloroet...	1.106	1.114	1.134	1.097	1.134	1.099	1.114	1.50
25) T	2-Butanone	0.512	0.502	0.526	0.521	0.528	0.516	0.517	1.85
26) T	2,2-Dichloropr...	0.881	0.927	0.959	0.949	1.021	1.002	0.957	5.30
27) T	cis-1,2-Dichlo...	0.720	0.656	0.683	0.665	0.700	0.669	0.682	3.51
28) T	Bromochloromet...	0.543	0.553	0.487	0.476	0.477	0.469	0.501	7.43
29) T	Tetrahydrofuran	0.311	0.330	0.349	0.340	0.347	0.341	0.336	4.15
30) C	Chloroform	1.167	1.189	1.263	1.203	1.259	1.194	1.213	3.23#
31) T	Cyclohexane		0.943	0.959	0.948	0.969	0.942	0.952	1.20
32) T	1,1,1-Trichlor...	0.910	1.082	1.104	1.106	1.149	1.115	1.078	7.88
33) S	1,2-Dichloroet...		0.998	0.873	0.851	0.891	0.873	0.897	6.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.355	0.354	0.351	0.348	0.362	0.354	1.52
36) T	1,1-Dichloropr...	0.520	0.497	0.511	0.491	0.501	0.499	0.503	2.10
37) T	Ethyl Acetate	0.616	0.592	0.644	0.620	0.616	0.620	0.618	2.65
38) T	Carbon Tetrach...	0.526	0.530	0.569	0.562	0.581	0.575	0.557	4.23
39) T	Methylcyclohexane	0.635	0.565	0.619	0.594	0.603	0.592	0.601	4.01
40) TM	Benzene	1.368	1.398	1.444	1.386	1.389	1.394	1.397	1.82
41) T	Methacrylonitrile	0.226	0.320	0.347	0.332	0.338	0.341	0.317	14.34
42) TM	1,2-Dichloroet...	0.606	0.580	0.622	0.611	0.612	0.608	0.607	2.37
43) T	Isopropyl Acetate	0.808	0.933	0.990	0.980	0.997	1.018	0.954	8.09
44) TM	Trichloroethene	0.334	0.352	0.356	0.345	0.352	0.353	0.349	2.31
45) C	1,2-Dichloropr...	0.272	0.337	0.354	0.343	0.348	0.347	0.333	9.24#
46) T	Dibromomethane	0.252	0.260	0.289	0.275	0.280	0.283	0.273	5.22
47) T	Bromodichlorom...	0.543	0.542	0.583	0.570	0.587	0.587	0.569	3.73
48) T	Methyl methacr...	0.333	0.458	0.494	0.499	0.506	0.513	0.467	14.62
49) T	1,4-Dioxane	0.005	0.009	0.010	0.010	0.009	0.010	0.009	19.53
50) S	Toluene-d8		1.280	1.291	1.253	1.276	1.299	1.280	1.37
51) T	4-Methyl-2-Pen...	0.543	0.606	0.655	0.661	0.660	0.673	0.633	7.90
52) CM	Toluene	0.846	0.876	0.903	0.887	0.887	0.889	0.881	2.20#
53) T	t-1,3-Dichloro...	0.403	0.475	0.561	0.581	0.606	0.616	0.540	15.55
54) T	cis-1,3-Dichlo...	0.440	0.531	0.601	0.587	0.610	0.614	0.564	12.02
55) T	1,1,2-Trichlor...	0.309	0.334	0.361	0.354	0.351	0.354	0.344	5.61
56) T	Ethyl methacry...	0.458	0.553	0.608	0.627	0.640	0.657	0.591	12.56

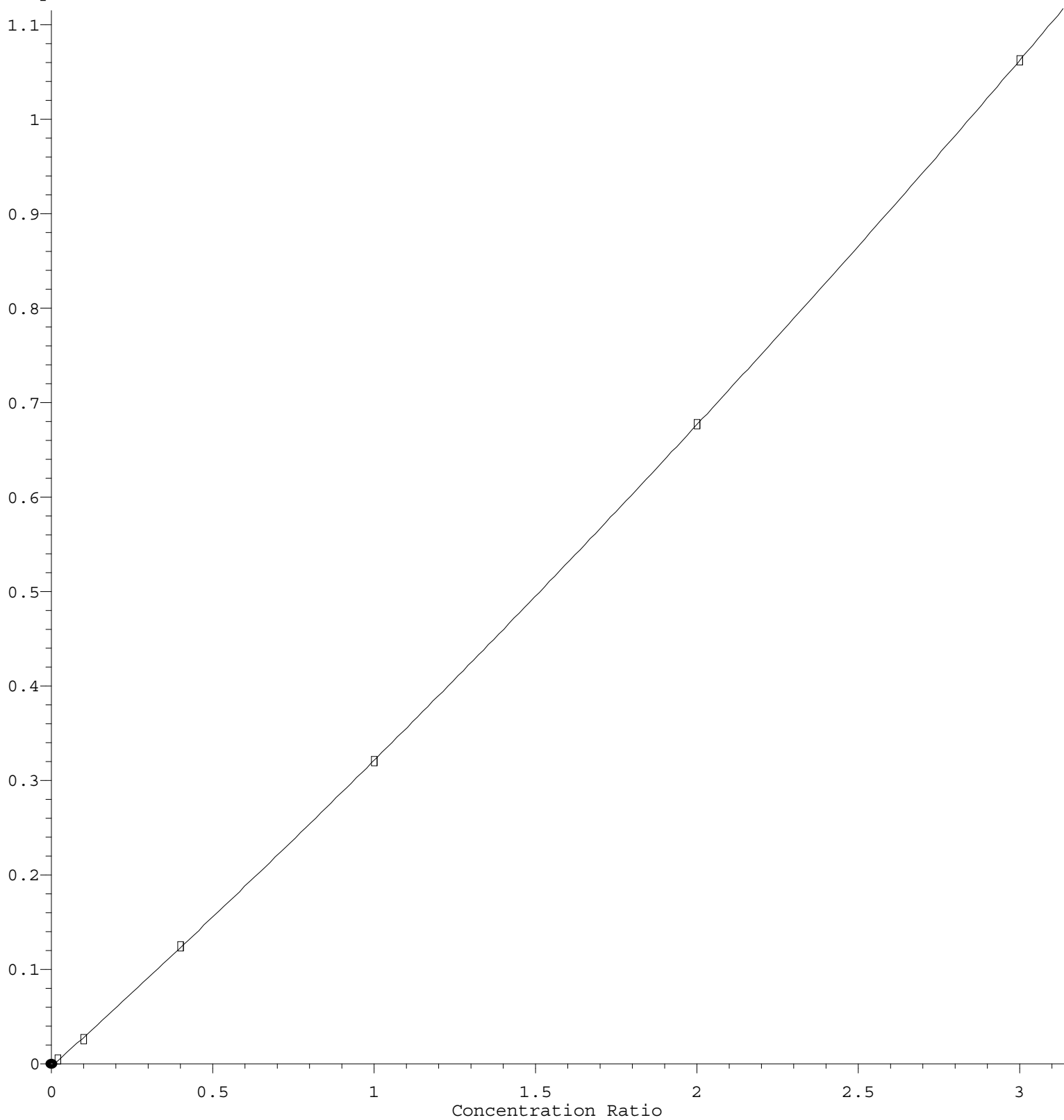
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040124W.M

57)	T	1,3-Dichloropr...	0.590	0.591	0.615	0.599	0.608	0.606	0.601	1.63
58)	T	2-Chloroethyl ...	0.255	0.278	0.292	0.290	0.302	0.301	0.286	6.18
59)	T	2-Hexanone	0.445	0.461	0.531	0.525	0.532	0.553	0.508	8.62
60)	T	Dibromochlorom...	0.360	0.386	0.418	0.419	0.433	0.447	0.411	7.87
61)	T	1,2-Dibromoethane	0.320	0.371	0.392	0.375	0.384	0.384	0.371	7.07
62)	S	4-Bromofluorob...		0.493	0.497	0.496	0.518	0.551	0.511	4.79
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.340	0.315	0.338	0.323	0.338	0.331	0.331	2.98
65)	PM	Chlorobenzene	1.182	1.044	1.114	1.045	1.091	1.085	1.094	4.67
66)	T	1,1,1,2-Tetrac...	0.340	0.335	0.365	0.368	0.386	0.383	0.363	5.89
67)	C	Ethyl Benzene	1.914	1.843	2.060	1.934	1.982	1.968	1.950	3.73#
68)	T	m/p-Xylenes	0.685	0.669	0.738	0.707	0.739	0.720	0.710	4.01
69)	T	o-Xylene	0.594	0.628	0.709	0.674	0.708	0.698	0.668	7.10
70)	T	Styrene	0.982	1.056	1.215	1.198	1.240	1.259	1.158	9.69
71)	P	Bromoform	0.228	0.262	0.311	0.320	0.339	0.354	0.302	15.96
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.402	3.486	3.697	3.515	3.533	3.320	3.492	3.67
74)	T	N-amyl acetate	1.504	1.590	1.852	1.825	1.942	1.900	1.769	10.09
75)	P	1,1,2,2-Tetrac...	1.121	1.187	1.277	1.195	1.204	1.181	1.194	4.19
76)	T	1,2,3-Trichlor...	1.111	1.083	1.108	1.021	1.066	1.009	1.066	4.05
77)	T	Bromobenzene	0.806	0.772	0.864	0.840	0.830	0.801	0.819	3.98
78)	T	n-propylbenzene	4.596	4.092	4.606	4.316	4.395	4.180	4.364	4.85
79)	T	2-Chlorotoluene	2.744	2.584	2.727	2.488	2.574	2.511	2.605	4.14
80)	T	1,3,5-Trimethy...	2.686	2.908	3.191	3.035	3.101	2.974	2.983	5.88
81)	T	trans-1,4-Dich...		0.307	0.382	0.411	0.432	0.443	0.395	13.73
82)	T	4-Chlorotoluene	3.045	3.048	3.304	3.068	3.147	3.045	3.110	3.31
83)	T	tert-Butylbenzene	2.848	2.874	3.135	2.947	3.034	2.914	2.959	3.66
84)	T	1,2,4-Trimethy...	2.701	2.888	3.256	3.063	3.120	3.000	3.005	6.42
85)	T	sec-Butylbenzene	3.679	3.622	3.942	3.777	3.849	3.679	3.758	3.23
86)	T	p-Isopropyltol...	2.882	3.015	3.308	3.222	3.307	3.178	3.152	5.42
87)	T	1,3-Dichlorobe...	1.805	1.575	1.718	1.593	1.655	1.590	1.656	5.47
88)	T	1,4-Dichlorobe...	2.109	1.731	1.744	1.646	1.687	1.625	1.757	10.16
89)	T	n-Butylbenzene	2.905	2.899	3.257	3.167	3.266	3.188	3.114	5.41
90)	T	Hexachloroethane	0.498	0.486	0.557	0.559	0.601	0.593	0.549	8.67
91)	T	1,2-Dichlorobe...	1.771	1.589	1.654	1.561	1.605	1.556	1.623	4.97
92)	T	1,2-Dibromo-3-...	0.225	0.282	0.341	0.331	0.330	0.333	0.307	14.80
93)	T	1,2,4-Trichlor...	1.294	1.060	1.145	1.073	1.101	1.077	1.125	7.84
94)	T	Hexachlorobuta...	0.522	0.407	0.419	0.410	0.419	0.409	0.431	10.38
95)	T	Naphthalene	3.361	3.397	3.843	3.700	3.751	3.682	3.622	5.44
96)	T	1,2,3-Trichlor...	1.166	0.988	1.106	1.051	1.081	1.048	1.073	5.60

(#) = Out of Range

Bromoform

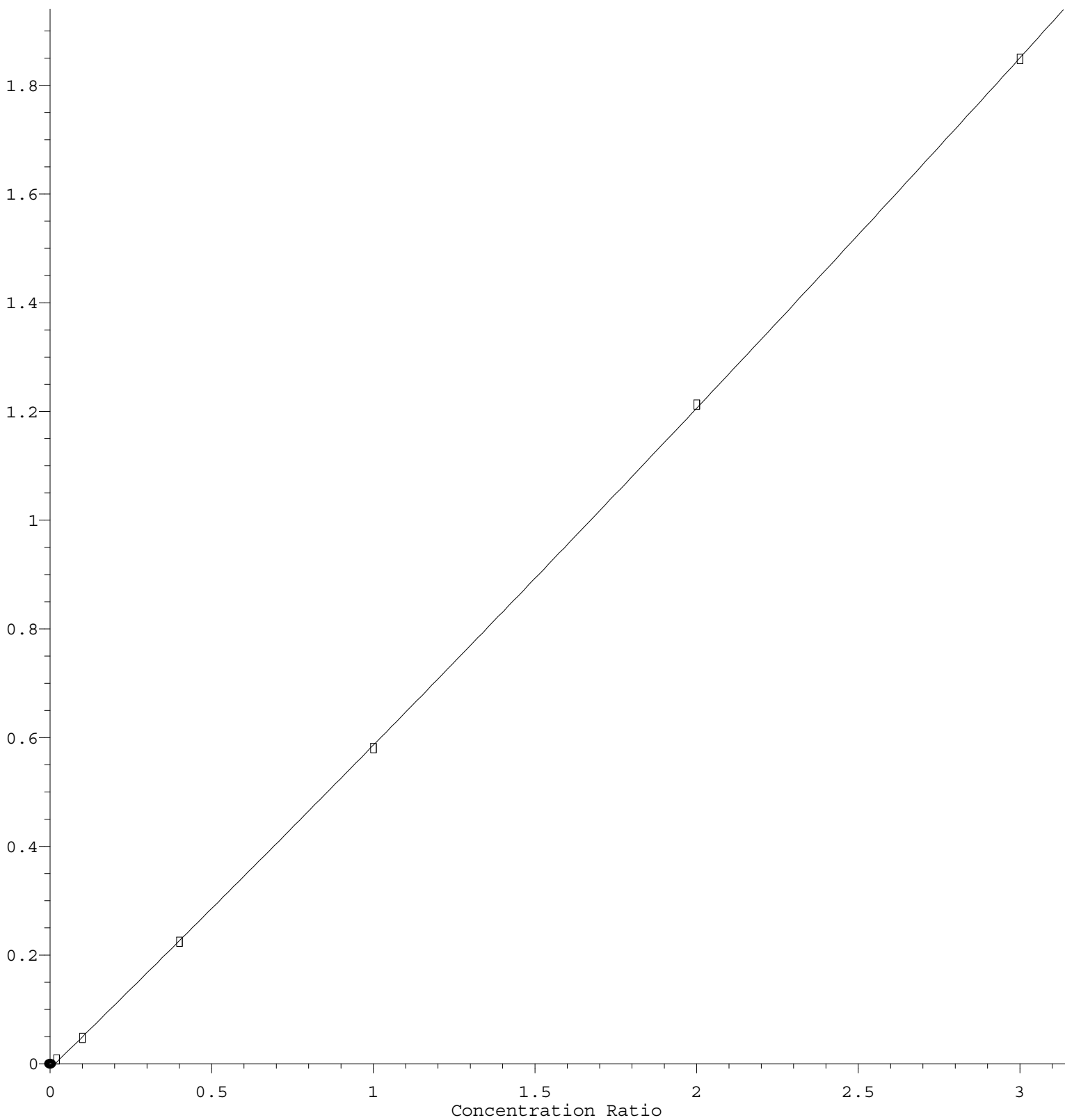
Response Ratio



$R = 1.539\text{e-}002 A^2 + 3.090\text{e-}001 A - 2.912\text{e-}003$
Coef of Det (r^2) = 0.999990 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040124W.M
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t-1,3-Dichloropropene

Response Ratio



$R = 1.243e-002 A^2 + 5.825e-001 A - 8.741e-003$
 Coef of Det (r^2) = 0.999959 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040124W.M
 Calibration Table Last Updated: Tue Apr 02 05:40:55 2024