

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X043024W.M
 Title : SW846 8260
 Last Update : Wed May 01 02:38:17 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX041287.D 5 =VX041288.D 20 =VX041289.D 50 =VX041290.D 100 =VX041291.D 150 =VX041292.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.355	0.358	0.350	0.475	0.495	0.433	0.411	15.85
3) P	Chloromethane	0.436	0.415	0.390	0.425	0.460	0.424	0.425	5.44
4) C	Vinyl Chloride	0.391	0.389	0.388	0.413	0.430	0.421	0.405	4.52#
5) T	Bromomethane		0.218	0.207	0.262	0.294	0.289	0.254	15.80
6) T	Chloroethane	0.197	0.190	0.171	0.189	0.195	0.186	0.188	5.09
7) T	Trichlorofluor...	0.705	0.682	0.659	0.675	0.741	0.731	0.699	4.64
8) T	Diethyl Ether	0.243	0.234	0.239	0.236	0.261	0.264	0.246	5.26
9) T	1,1,2-Trichlor...	0.344	0.360	0.389	0.416	0.428	0.420	0.393	8.72
10) T	Methyl Iodide		0.311	0.388	0.468	0.494	0.453	0.423	17.48
11) T	Tert butyl alc...		0.092	0.105	0.110	0.120	0.118	0.109	10.37
12) CM	1,1-Dichloroet...	0.341	0.352	0.380	0.410	0.423	0.418	0.387	9.10#
13) T	Acrolein		0.085	0.089	0.085	0.082	0.091	0.086	4.15
14) T	Allyl chloride	0.510	0.653	0.682	0.704	0.706	0.651	0.651	11.24
15) T	Acrylonitrile	0.226	0.245	0.249	0.247	0.268	0.257	0.249	5.66
16) T	Acetone	0.507	0.244	0.240	0.231	0.251	0.232	0.284	38.56
17) T	Carbon Disulfide	0.694	0.758	0.856	0.974	1.097	1.085	0.911	18.54
18) T	Methyl Acetate	0.546	0.563	0.560	0.537	0.583	0.552	0.557	2.82
19) T	Methyl tert-bu...	1.324	1.413	1.398	1.393	1.506	1.441	1.412	4.25
20) T	Methylene Chlo...	0.484	0.487	0.466	0.450	0.485	0.463	0.473	3.17
21) T	trans-1,2-Dich...	0.418	0.410	0.426	0.428	0.464	0.452	0.433	4.73
22) T	Diisopropyl ether	1.361	1.391	1.395	1.365	1.454	1.313	1.380	3.38
23) T	Vinyl Acetate	1.073	1.193	1.259	1.278	1.361	1.240	1.234	7.80
24) P	1,1-Dichloroet...	0.761	0.758	0.775	0.773	0.831	0.778	0.779	3.38
25) T	2-Butanone	0.341	0.341	0.359	0.355	0.371	0.347	0.352	3.31
26) T	2,2-Dichloropr...	0.593	0.602	0.643	0.656	0.723	0.692	0.652	7.75
27) T	cis-1,2-Dichlo...	0.453	0.486	0.519	0.522	0.561	0.535	0.513	7.43
28) T	Bromochloromet...	0.322	0.330	0.288	0.259	0.266	0.203	0.278	16.79
29) T	Tetrahydrofuran	0.239	0.226	0.228	0.226	0.240	0.223	0.230	3.15
30) C	Chloroform	0.810	0.794	0.820	0.807	0.833	0.800	0.811	1.73#
31) T	Cyclohexane		0.649	0.664	0.659	0.652	0.661	0.657	0.98
32) T	1,1,1-Trichlor...	0.720	0.712	0.729	0.737	0.764	0.765	0.738	3.03
33) S	1,2-Dichloroet...		0.592	0.528	0.533	0.537	0.532	0.544	4.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.332	0.350	0.347	0.344	0.321	0.339	3.52
36) T	1,1-Dichloropr...	0.404	0.369	0.426	0.419	0.425	0.386	0.405	5.74
37) T	Ethyl Acetate	0.482	0.454	0.538	0.529	0.555	0.475	0.506	8.03
38) T	Carbon Tetrach...	0.414	0.410	0.492	0.496	0.508	0.466	0.464	9.23
39) T	Methylcyclohexane	0.500	0.421	0.485	0.458	0.474	0.518	0.476	7.13
40) TM	Benzene	1.235	1.219	1.297	1.266	1.253	1.224	1.249	2.35
41) T	Methacrylonitrile	0.211	0.233	0.283	0.286	0.296	0.253	0.260	12.95
42) TM	1,2-Dichloroet...	0.439	0.451	0.481	0.476	0.456	0.444	0.458	3.76
43) T	Isopropyl Acetate	0.751	0.694	0.743	0.793	0.797	0.782	0.760	5.17
44) TM	Trichloroethene	0.338	0.333	0.317	0.305	0.332	0.354	0.330	5.13
45) C	1,2-Dichloropr...	0.290	0.259	0.277	0.271	0.279	0.299	0.279	5.04#
46) T	Dibromomethane	0.225	0.203	0.224	0.227	0.222	0.232	0.222	4.38
47) T	Bromodichlorom...	0.341	0.316	0.400	0.434	0.443	0.441	0.396	13.93
48) T	Methyl methacr...	0.307	0.304	0.358	0.375	0.367	0.379	0.348	9.77
49) T	1,4-Dioxane	0.006	0.008	0.007	0.008	0.008	0.008	0.008	12.42
50) S	Toluene-d8		0.951	1.064	1.079	1.187	1.080	1.072	7.80
51) T	4-Methyl-2-Pen...	0.397	0.402	0.457	0.489	0.518	0.474	0.456	10.60
52) CM	Toluene	0.717	0.682	0.776	0.768	0.850	0.790	0.764	7.66#
53) T	t-1,3-Dichloro...	0.244	0.324	0.404	0.428	0.476	0.478	0.392	23.51
54) T	cis-1,3-Dichlo...	0.340	0.331	0.447	0.478	0.534	0.482	0.435	18.90
55) T	1,1,2-Trichlor...	0.254	0.279	0.293	0.301	0.331	0.307	0.294	8.88
56) T	Ethyl methacry...	0.361	0.387	0.451	0.500	0.521	0.512	0.455	14.95

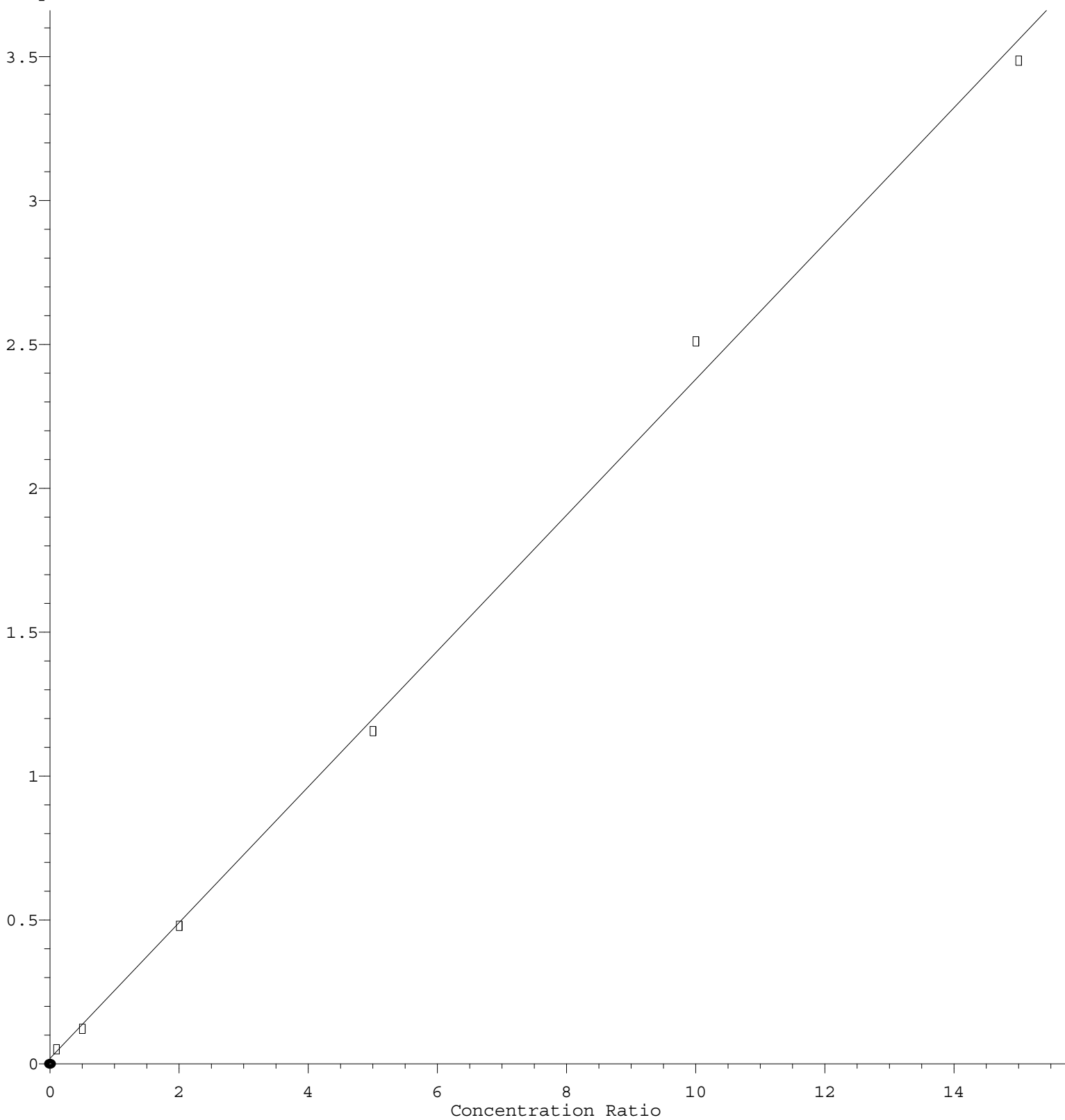
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X043024W.M

57)	T	1,3-Dichloropr...	0.443	0.471	0.524	0.482	0.523	0.504	0.491	6.50
58)	T	2-Chloroethyl ...	0.166	0.192	0.230	0.241	0.262	0.234	0.221	15.93
59)	T	2-Hexanone	0.303	0.325	0.400	0.380	0.403	0.377	0.365	11.28
60)	T	Dibromochlorom...	0.255	0.286	0.351	0.379	0.407	0.400	0.346	18.11
61)	T	1,2-Dibromoethane	0.292	0.287	0.342	0.323	0.353	0.345	0.324	8.68
62)	S	4-Bromofluorob...	0.365	0.419	0.438	0.434	0.419	0.415		7.04
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.372	0.383	0.340	0.355	0.362	0.361	0.362	4.05
65)	PM	Chlorobenzene	1.040	1.021	1.048	0.973	1.014	0.994	1.015	2.76
66)	T	1,1,1,2-Tetrac...	0.309	0.348	0.366	0.375	0.378	0.375	0.359	7.39
67)	C	Ethyl Benzene	1.620	1.640	1.724	1.687	1.702	1.674	1.675	2.33#
68)	T	m/p-Xylenes	0.643	0.657	0.685	0.678	0.683	0.678	0.671	2.49
69)	T	o-Xylene	0.572	0.614	0.662	0.697	0.642	0.666	0.642	6.83
70)	T	Styrene	0.845	0.941	1.109	1.181	1.117	1.128	1.054	12.37
71)	P	Bromoform	0.249	0.279	0.310	0.359	0.349	0.379	0.321	15.62
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.126	3.174	3.431	2.992	2.747	2.842	3.052	8.08
74)	T	N-ethyl acetate	1.130	1.282	1.495	1.471	1.274	1.348	1.333	10.20
75)	P	1,1,2,2-Tetrac...	1.052	1.053	1.030	1.009	0.898	0.959	1.000	6.10
76)	T	1,2,3-Trichlor...	0.857	0.896	0.852	0.788	0.718	0.777	0.815	8.00
77)	T	Bromobenzene	0.796	0.913	0.917	0.883	0.807	0.854	0.861	6.02
78)	T	n-propylbenzene	3.238	3.394	3.169	3.147	3.050	3.236	3.206	3.59
79)	T	2-Chlorotoluene	2.350	2.250	1.961	1.967	1.874	1.992	2.066	9.13
80)	T	1,3,5-Trimethy...	2.537	2.530	2.413	2.600	2.346	2.503	2.488	3.72
81)	T	trans-1,4-Dich...	0.219	0.308	0.325	0.311	0.333	0.299		15.45
82)	T	4-Chlorotoluene	2.482	2.431	2.199	2.443	2.194	2.322	2.345	5.42
83)	T	tert-Butylbenzene	2.660	2.665	2.603	2.744	2.645	2.670	2.664	1.72
84)	T	1,2,4-Trimethy...	2.483	2.544	2.481	2.536	2.471	2.505	2.503	1.23
85)	T	sec-Butylbenzene	2.744	3.056	3.186	3.241	3.051	3.043	3.053	5.65
86)	T	p-Isopropyltol...	2.540	2.660	2.869	2.879	2.761	2.744	2.742	4.70
87)	T	1,3-Dichlorobe...	1.658	1.482	1.603	1.616	1.520	1.515	1.566	4.43
88)	T	1,4-Dichlorobe...	1.755	1.580	1.610	1.611	1.567	1.556	1.613	4.53
89)	T	n-Butylbenzene	1.994	2.083	2.220	2.315	2.285	2.333	2.205	6.24
90)	T	Hexachloroethane	0.391	0.423	0.462	0.496	0.468	0.511	0.459	9.80
91)	T	1,2-Dichlorobe...	1.805	1.702	1.648	1.627	1.570	1.571	1.654	5.39
92)	T	1,2-Dibromo-3-...	0.223	0.211	0.234	0.250	0.221	0.247	0.231	6.69
93)	T	1,2,4-Trichlor...	1.117	1.007	1.224	1.241	1.104	1.243	1.156	8.29
94)	T	Hexachlorobuta...	0.647	0.569	0.601	0.582	0.502	0.563	0.577	8.28
95)	T	Naphthalene	3.275	3.132	3.776	3.716	3.227	3.429	3.426	7.78
96)	T	1,2,3-Trichlor...	1.204	1.164	1.277	1.155	1.107	1.182	1.181	4.83

(#) = Out of Range

Acetone

Response Ratio



$$\text{Response} = 2.359\text{e-}001 * \text{Amt} + 1.875\text{e-}002$$

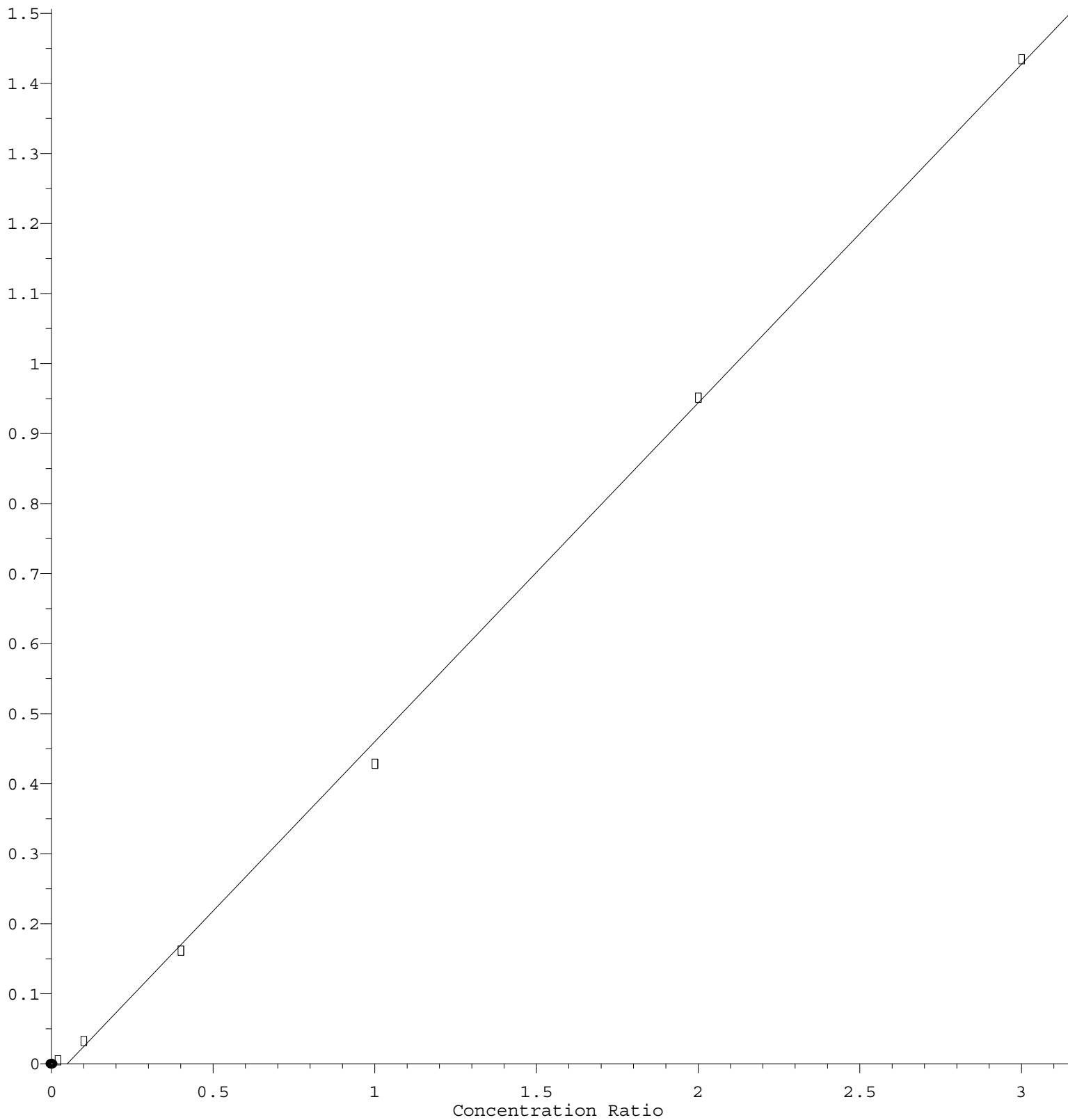
Coef of Det (r^2) = 0.997483 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X043024W.M

Calibration Table Last Updated: Wed May 08 06:03:16 2024

t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 4.838\text{e-}001 * \text{Amt} - 2.363\text{e-}002$$

Coef of Det (r^2) = 0.999043 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X043024W.M

Calibration Table Last Updated: Wed May 08 06:03:16 2024