

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X123021W.M
 Title : SW846 8260
 Last Update : Thu Dec 30 08:02:21 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX026147.D 5 =VX026148.D 20 =VX026149.D 50 =VX026150.D 100 =VX026151.D 150 =VX026152.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.503	0.522	0.515	0.548	0.544	0.518	0.525	3.36
3) P	Chloromethane	0.677	0.599	0.576	0.617	0.616	0.583	0.611	5.91
4) C	Vinyl Chloride	0.707	0.642	0.596	0.648	0.649	0.616	0.643	5.84#
5) T	Bromomethane		0.397	0.376	0.409	0.409	0.394	0.397	3.45
6) T	Chloroethane	0.566	0.452	0.404	0.438	0.402		0.452	14.79
7) T	Trichlorofluor...	1.131	1.092	1.045	1.140	1.150	1.092	1.108	3.57
8) T	Diethyl Ether	0.407	0.368	0.355	0.393	0.387	0.375	0.381	4.89
9) T	1,1,2-Trichlor...	0.632	0.593	0.542	0.590	0.585	0.563	0.584	5.21
10) T	Methyl Iodide		0.681	0.703	0.792	0.821	0.781	0.755	7.97
11) T	Tert butyl alc...		0.166	0.133	0.135	0.148	0.141	0.144	9.20
12) CM	1,1-Dichloroet...	0.593	0.551	0.508	0.557	0.569	0.544	0.554	5.10#
13) T	Acrolein		0.040	0.035	0.047	0.063	0.073	0.052	31.52
14) T	Allyl chloride	1.208	1.054	1.001	1.108	1.113	1.080	1.094	6.35
15) T	Acrylonitrile	0.363	0.356	0.344	0.364	0.368	0.352	0.358	2.43
16) T	Acetone	0.470	0.403	0.370	0.379	0.377	0.353	0.392	10.68
17) T	Carbon Disulfide	1.786	1.577	1.436	1.586	1.613	1.536	1.589	7.22
18) T	Methyl Acetate	1.354	1.265	1.172	1.280	1.306	1.250	1.271	4.78
19) T	Methyl tert-bu...	1.967	1.888	1.777	1.985	2.013	1.973	1.934	4.53
20) T	Methylene Chlo...	0.944	0.707	0.595	0.643	0.642	0.608	0.690	18.94
21) T	trans-1,2-Dich...	0.670	0.619	0.545	0.598	0.610	0.582	0.604	6.91
22) T	Diisopropyl ether	2.075	1.974	1.942	2.158	2.226	2.155	2.088	5.37
23) T	Vinyl Acetate	1.532	1.536	1.563	1.755	1.810	1.755	1.658	7.71
24) P	1,1-Dichloroet...	1.158	1.115	1.051	1.158	1.178	1.131	1.132	4.01
25) T	2-Butanone	0.580	0.532	0.513	0.550	0.564	0.536	0.546	4.40
26) T	2,2-Dichloropr...	0.848	0.790	0.782	0.875	0.920	0.902	0.853	6.72
27) T	cis-1,2-Dichlo...	0.688	0.691	0.649	0.701	0.712	0.683	0.687	3.14
28) T	Bromochloromet...	0.495	0.513	0.404	0.498	0.539	0.560	0.502	10.75
29) T	Tetrahydrofuran	0.358	0.331	0.320	0.354	0.358	0.344	0.344	4.52
30) C	Chloroform	1.245	1.193	1.102	1.214	1.230	1.197	1.197	4.23#
31) T	Cyclohexane		1.027	0.965	1.062	1.073	1.025	1.030	4.12
32) T	1,1,1-Trichlor...	1.059	1.007	0.954	1.065	1.099	1.060	1.041	4.95
33) S	1,2-Dichloroet...		0.760	0.708	0.670	0.736	0.744	0.723	4.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.326	0.314	0.308	0.336	0.341	0.325	4.34
36) T	1,1-Dichloropr...	0.512	0.507	0.494	0.544	0.555	0.534	0.524	4.50
37) T	Ethyl Acetate	0.541	0.575	0.579	0.643	0.667	0.642	0.608	8.13
38) T	Carbon Tetrach...	0.609	0.573	0.522	0.601	0.608	0.586	0.583	5.69
39) T	Methylcyclohexane	0.578	0.582	0.540	0.618	0.630	0.600	0.591	5.49
40) TM	Benzene	1.558	1.459	1.375	1.543	1.556	1.487	1.496	4.80
41) T	Methacrylonitrile	0.342	0.320	0.310	0.364	0.370	0.354	0.343	7.06
42) TM	1,2-Dichloroet...	0.631	0.595	0.552	0.615	0.632	0.608	0.606	4.93
43) T	Isopropyl Acetate	0.983	0.934	0.909	1.029	1.057	1.033	0.991	5.99
44) TM	Trichloroethene	0.410	0.404	0.373	0.410	0.418	0.401	0.403	3.93
45) C	1,2-Dichloropr...	0.368	0.381	0.350	0.405	0.407	0.385	0.383	5.74#
46) T	Dibromomethane	0.302	0.271	0.256	0.291	0.299	0.283	0.284	6.16
47) T	Bromodichlorom...	0.593	0.553	0.537	0.596	0.606	0.580	0.578	4.65
48) T	Methyl methacr...	0.442	0.434	0.450	0.503	0.523	0.499	0.475	7.88
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.009	0.008	0.009	4.28
50) S	Toluene-d8		1.233	1.164	1.149	1.244	1.255	1.209	4.04
51) T	4-Methyl-2-Pen...	0.578	0.587	0.596	0.655	0.658	0.627	0.617	5.69
52) CM	Toluene	0.894	0.894	0.848	0.966	0.986	0.938	0.921	5.58#
53) T	t-1,3-Dichloro...	0.427	0.480	0.502	0.599	0.640	0.627	0.546	16.11
54) T	cis-1,3-Dichlo...	0.557	0.557	0.564	0.648	0.680	0.656	0.610	9.32
55) T	1,1,2-Trichlor...	0.370	0.377	0.351	0.392	0.400	0.382	0.379	4.54
56) T	Ethyl methacry...	0.493	0.541	0.535	0.630	0.664	0.641	0.584	11.91

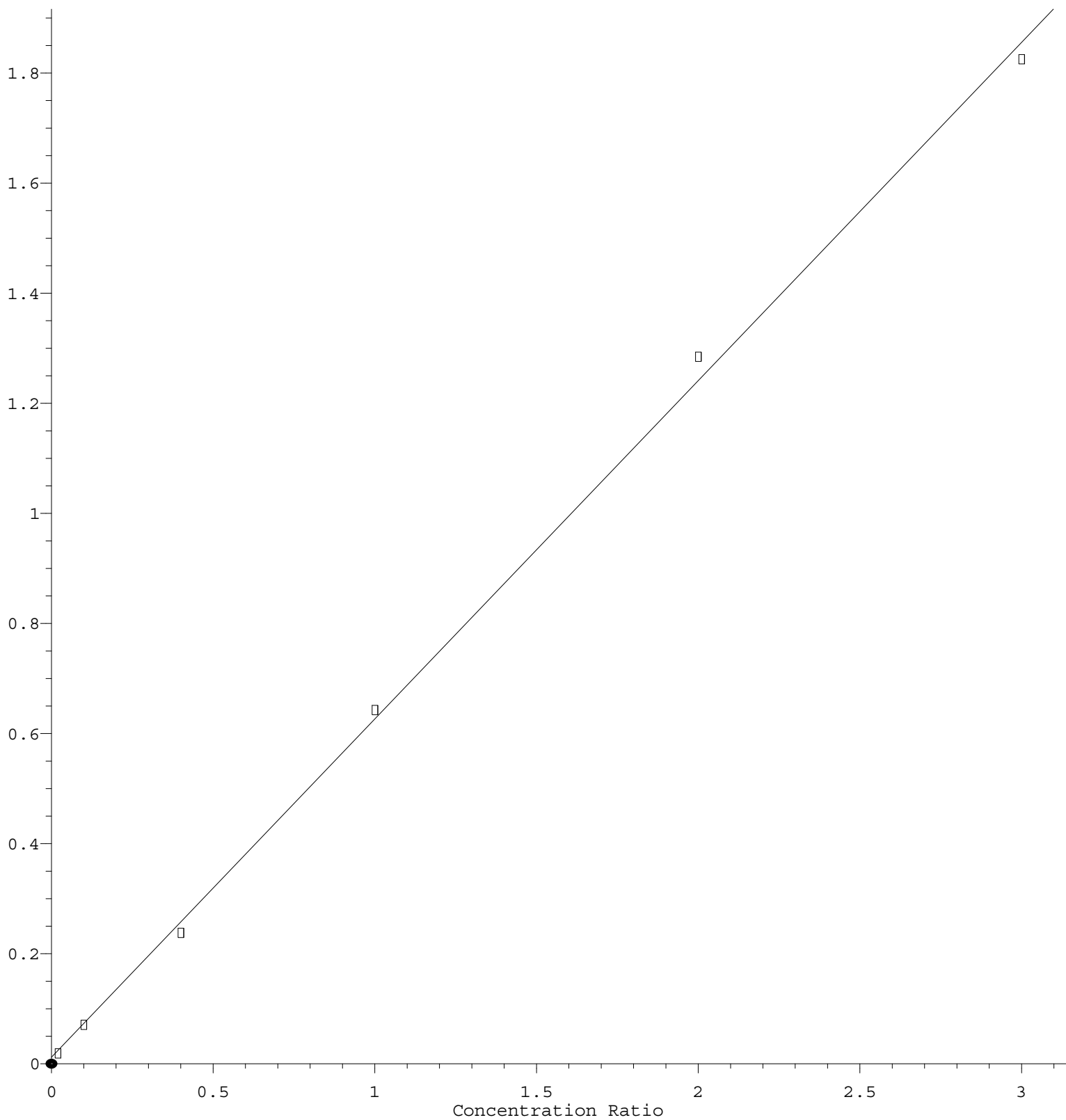
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
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57)	T	1,3-Dichloropr...	0.631	0.643	0.598	0.667	0.692	0.660	0.649	5.03
58)	T	2-Chloroethyl ...	0.196	0.271	0.244	0.308	0.322	0.320	0.277	18.09
59)	T	2-Hexanone	0.428	0.430	0.455	0.498	0.507	0.485	0.467	7.35
60)	T	Dibromochlorom...	0.424	0.408	0.387	0.447	0.463	0.444	0.429	6.50
61)	T	1,2-Dibromoethane	0.423	0.377	0.365	0.421	0.433	0.411	0.405	6.73
62)	S	4-Bromofluorob...		0.401	0.406	0.408	0.457	0.480	0.430	8.30
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.499	0.433	0.379	0.418	0.413	0.390	0.422	10.10
65)	PM	Chlorobenzene	1.136	1.080	1.021	1.128	1.149	1.076	1.098	4.41
66)	T	1,1,1,2-Tetrac...	0.420	0.399	0.385	0.440	0.447	0.419	0.419	5.63
67)	C	Ethyl Benzene	1.905	1.868	1.807	2.074	2.123	2.006	1.964	6.30#
68)	T	m/p-Xylenes	0.698	0.690	0.685	0.783	0.797	0.746	0.733	6.70
69)	T	o-Xylene	0.667	0.681	0.677	0.769	0.776	0.735	0.717	6.79
70)	T	Styrene	0.972	1.094	1.115	1.295	1.322	1.259	1.176	11.67
71)	P	Bromoform	0.324	0.309	0.315	0.363	0.371	0.354	0.340	7.81
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.757	3.832	3.621	4.113	4.114	3.882	3.886	5.06
74)	T	N-amyl acetate	1.507	1.578	1.644	1.970	2.024	1.984	1.785	13.05
75)	P	1,1,2,2-Tetrac...	1.418	1.314	1.232	1.354	1.339	1.274	1.322	4.92
76)	T	1,2,3-Trichlor...	1.320	1.200	1.129	1.234	1.214	1.144	1.207	5.68
77)	T	Bromobenzene	0.899	0.943	0.854	0.975	0.956	0.903	0.922	4.83
78)	T	n-propylbenzene	3.905	4.243	4.262	4.885	4.882	4.634	4.469	8.85
79)	T	2-Chlorotoluene	2.776	2.741	2.487	2.882	2.872	2.745	2.751	5.19
80)	T	1,3,5-Trimethy...	2.989	3.164	3.027	3.460	3.463	3.249	3.225	6.38
81)	T	trans-1,4-Dich...		0.375	0.362	0.436	0.461	0.453	0.417	10.98
82)	T	4-Chlorotoluene	2.758	3.051	2.894	3.347	3.379	3.210	3.107	8.05
83)	T	tert-Butylbenzene	2.984	3.050	2.931	3.366	3.331	3.121	3.131	5.77
84)	T	1,2,4-Trimethy...	2.915	3.139	3.039	3.455	3.493	3.296	3.223	7.18
85)	T	sec-Butylbenzene	3.524	3.779	3.711	4.192	4.223	4.011	3.907	7.18
86)	T	p-Isopropyltol...	3.003	3.073	3.025	3.496	3.547	3.398	3.257	7.68
87)	T	1,3-Dichlorobe...	1.667	1.677	1.594	1.837	1.836	1.769	1.730	5.74
88)	T	1,4-Dichlorobe...	2.098	1.860	1.611	1.920	1.874	1.768	1.855	8.71
89)	T	n-Butylbenzene	2.552	2.670	2.696	3.123	3.226	3.099	2.894	9.90
90)	T	Hexachloroethane	0.609	0.615	0.607	0.687	0.715	0.669	0.650	7.12
91)	T	1,2-Dichlorobe...	1.954	1.875	1.684	1.784	1.780	1.692	1.795	5.85
92)	T	1,2-Dibromo-3-...	0.320	0.325	0.310	0.345	0.365	0.365	0.338	7.03
93)	T	1,2,4-Trichlor...	1.033	0.961	0.993	1.121	1.162	1.094	1.061	7.35
94)	T	Hexachlorobuta...	0.476	0.430	0.391	0.458	0.442	0.446	0.440	6.57
95)	T	Naphthalene	3.284	3.533	3.542	4.285	4.365	4.176	3.864	12.00
96)	T	1,2,3-Trichlor...	0.999	1.007	1.003	1.150	1.187	1.129	1.079	7.93

(#) = Out of Range

Methylene Chloride

Response Ratio



$$\text{Response} = 6.148\text{e-}001 * \text{Amt} + 1.185\text{e-}002$$

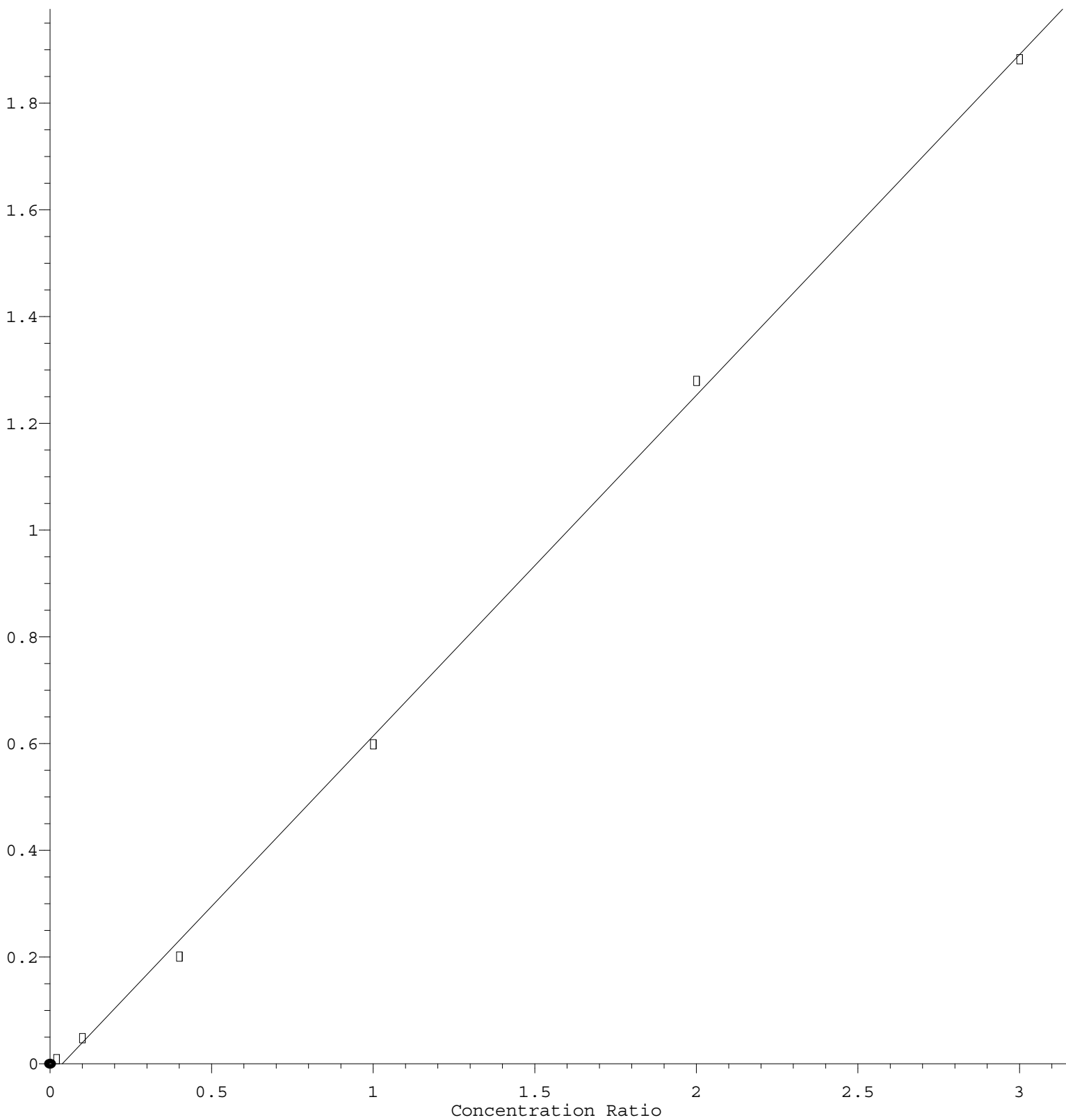
Coef of Det (r^2) = 0.998688 Curve Fit: Linear

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t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 6.385\text{e-}001 * \text{Amt} - 2.417\text{e-}002$$

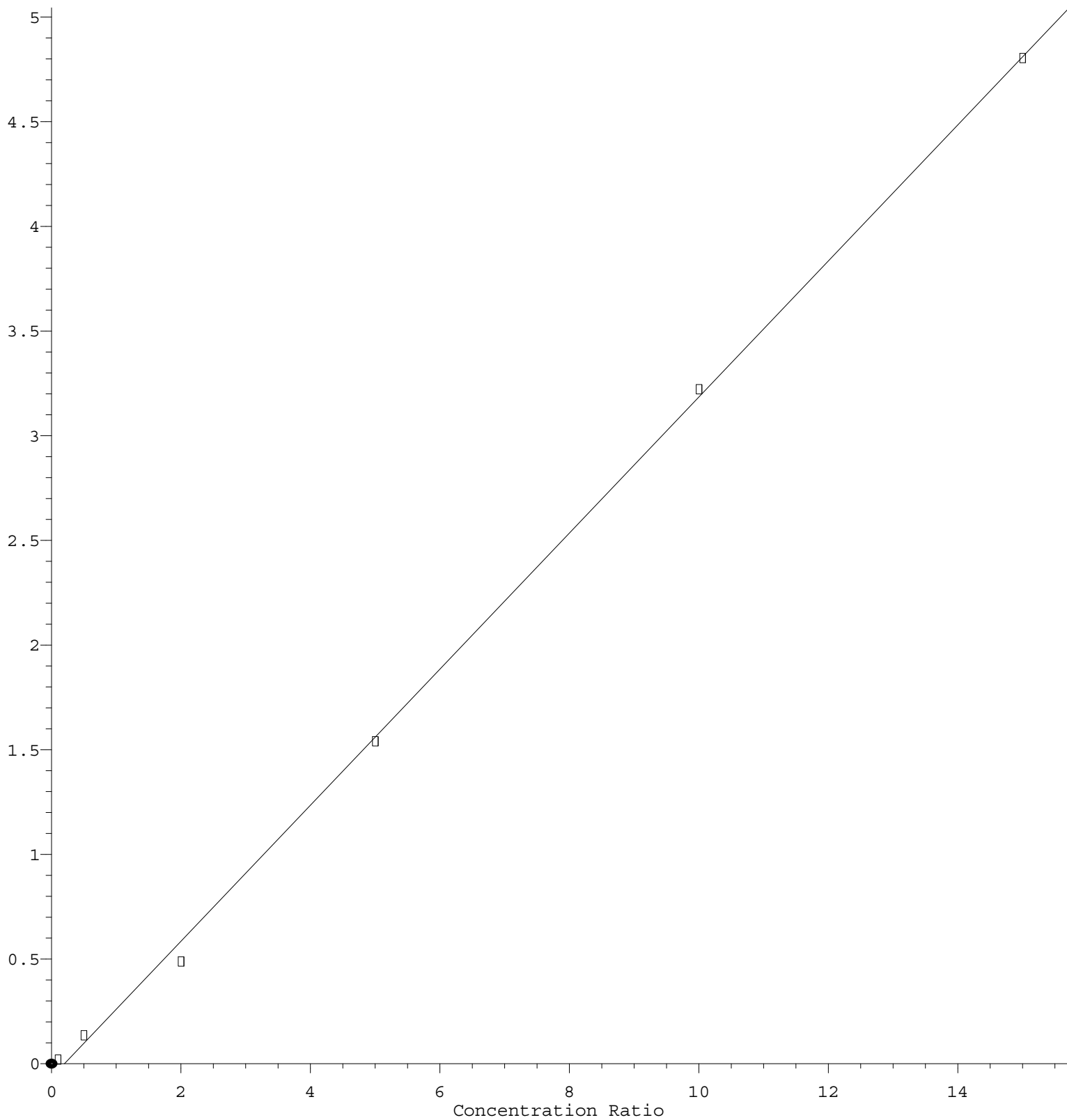
Coef of Det (r^2) = 0.999160 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X123021W.M

Calibration Table Last Updated: Thu Dec 30 08:02:21 2021

2-Chloroethyl Vinyl ether

Response Ratio



$$\text{Response} = 3.249\text{e-}001 * \text{Amt} - 6.387\text{e-}002$$

Coef of Det (r^2) = 0.999181 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X123021W.M

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