

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121321W.M
 Title : SW846 8260
 Last Update : Tue Dec 14 07:02:11 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX025760.D 5 =VX025761.D 20 =VX025762.D 50 =VX025763.D 100 =VX025764.D 150 =VX025765.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.442	0.371	0.435	0.427	0.470	0.538	0.447	12.27
3) P	Chloromethane	0.602	0.546	0.655	0.597	0.530	0.564	0.582	7.83
4) C	Vinyl Chloride	0.673	0.633	0.644	0.606	0.567	0.592	0.619	6.18#
5) T	Bromomethane		0.467	0.513	0.441	0.389	0.402	0.442	11.38
6) T	Chloroethane	0.511	0.445	0.510	0.422	0.391	0.413	0.449	11.32
7) T	Trichlorofluor...	1.119	1.070	1.045	0.950	0.960	0.994	1.023	6.50
8) T	Diethyl Ether	0.453	0.396	0.454	0.413	0.343	0.363	0.404	11.35
9) T	1,1,2-Trichlor...	0.538	0.589	0.520	0.493	0.511	0.542	0.532	6.23
10) T	Methyl Iodide		0.575	0.728	0.738	0.666	0.685	0.678	9.57
11) T	Tert butyl alc...		0.162	0.171	0.138	0.122	0.129	0.144	14.76
12) CM	1,1-Dichloroet...	0.533	0.544	0.552	0.520	0.497	0.529	0.529	3.62#
13) T	Acrolein		0.118	0.104	0.092	0.087	0.092	0.099	12.37
14) T	Allyl chloride	1.035	0.973	1.059	0.967	0.861	0.903	0.966	7.81
15) T	Acrylonitrile	0.338	0.316	0.402	0.352	0.298	0.315	0.337	11.04
16) T	Acetone	0.391	0.313	0.430	0.353	0.284	0.294	0.344	16.72
17) T	Carbon Disulfide	1.651	1.496	1.542	1.457	1.428	1.523	1.516	5.15
18) T	Methyl Acetate	1.079	1.067	1.297	1.164	0.956	1.015	1.096	10.99
19) T	Methyl tert-bu...	1.773	1.817	2.141	1.993	1.691	1.802	1.870	8.88
20) T	Methylene Chlo...	0.923	0.691	0.741	0.666	0.570	0.602	0.699	17.98
21) T	trans-1,2-Dich...	0.589	0.587	0.635	0.604	0.547	0.583	0.591	4.83
22) T	Diisopropyl ether	1.802	1.813	2.113	1.983	1.714	1.818	1.874	7.79
23) T	Vinyl Acetate	1.236	1.344	1.691	1.592	1.376	1.462	1.450	11.58
24) P	1,1-Dichloroet...	1.106	1.069	1.171	1.098	0.970	1.005	1.070	6.80
25) T	2-Butanone	0.466	0.446	0.589	0.517	0.429	0.457	0.484	12.32
26) T	2,2-Dichloropr...	0.895	0.787	0.826	0.804	0.758	0.800	0.812	5.73
27) T	cis-1,2-Dichlo...	0.717	0.694	0.775	0.716	0.635	0.666	0.700	6.90
28) T	Bromochloromet...	0.412	0.506	0.572	0.530	0.417	0.455	0.482	13.39
29) T	Tetrahydrofuran	0.295	0.289	0.373	0.327	0.273	0.289	0.308	11.90
30) C	Chloroform	1.206	1.196	1.313	1.198	1.042	1.086	1.173	8.22#
31) T	Cyclohexane		0.919	0.845	0.825	0.872	0.913	0.875	4.71
32) T	1,1,1-Trichlor...	1.056	1.038	1.075	1.025	0.947	0.988	1.021	4.59
33) S	1,2-Dichloroet...		0.747	0.808	0.733	0.626	0.683	0.719	9.51
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.333	0.352	0.356	0.327	0.375	0.349	5.43
36) T	1,1-Dichloropr...	0.473	0.481	0.454	0.460	0.464	0.505	0.473	3.85
37) T	Ethyl Acetate	0.470	0.507	0.583	0.549	0.494	0.550	0.525	8.02
38) T	Carbon Tetrach...	0.596	0.552	0.526	0.522	0.530	0.575	0.550	5.44
39) T	Methylcyclohexane	0.591	0.516	0.444	0.470	0.546	0.607	0.529	12.32
40) TM	Benzene	1.310	1.388	1.504	1.440	1.349	1.472	1.411	5.28
41) T	Methacrylonitrile	0.286	0.280	0.315	0.296	0.263	0.304	0.291	6.31
42) TM	1,2-Dichloroet...	0.538	0.527	0.584	0.552	0.488	0.528	0.536	5.87
43) T	Isopropyl Acetate	0.826	0.782	0.908	0.874	0.797	0.892	0.846	6.18
44) TM	Trichloroethene	0.381	0.395	0.398	0.388	0.382	0.414	0.393	3.17
45) C	1,2-Dichloropr...	0.356	0.337	0.377	0.362	0.335	0.367	0.356	4.67#
46) T	Dibromomethane	0.275	0.267	0.305	0.281	0.256	0.277	0.277	5.92
47) T	Bromodichlorom...	0.515	0.532	0.589	0.562	0.511	0.564	0.546	5.68
48) T	Methyl methacr...	0.358	0.362	0.436	0.419	0.384	0.432	0.399	8.74
49) T	1,4-Dioxane	0.007	0.008	0.011	0.009	0.008	0.009	0.009	13.29
50) S	Toluene-d8		1.206	1.263	1.263	1.220	1.401	1.271	6.08
51) T	4-Methyl-2-Pen...	0.484	0.512	0.624	0.575	0.532	0.598	0.554	9.67
52) CM	Toluene	0.789	0.848	0.949	0.940	0.888	0.978	0.899	7.91#
53) T	t-1,3-Dichloro...	0.419	0.449	0.543	0.567	0.536	0.606	0.520	13.75
54) T	cis-1,3-Dichlo...	0.466	0.540	0.598	0.601	0.570	0.639	0.569	10.59
55) T	1,1,2-Trichlor...	0.361	0.379	0.411	0.392	0.364	0.405	0.385	5.46
56) T	Ethyl methacry...	0.459	0.476	0.584	0.593	0.563	0.646	0.554	13.03

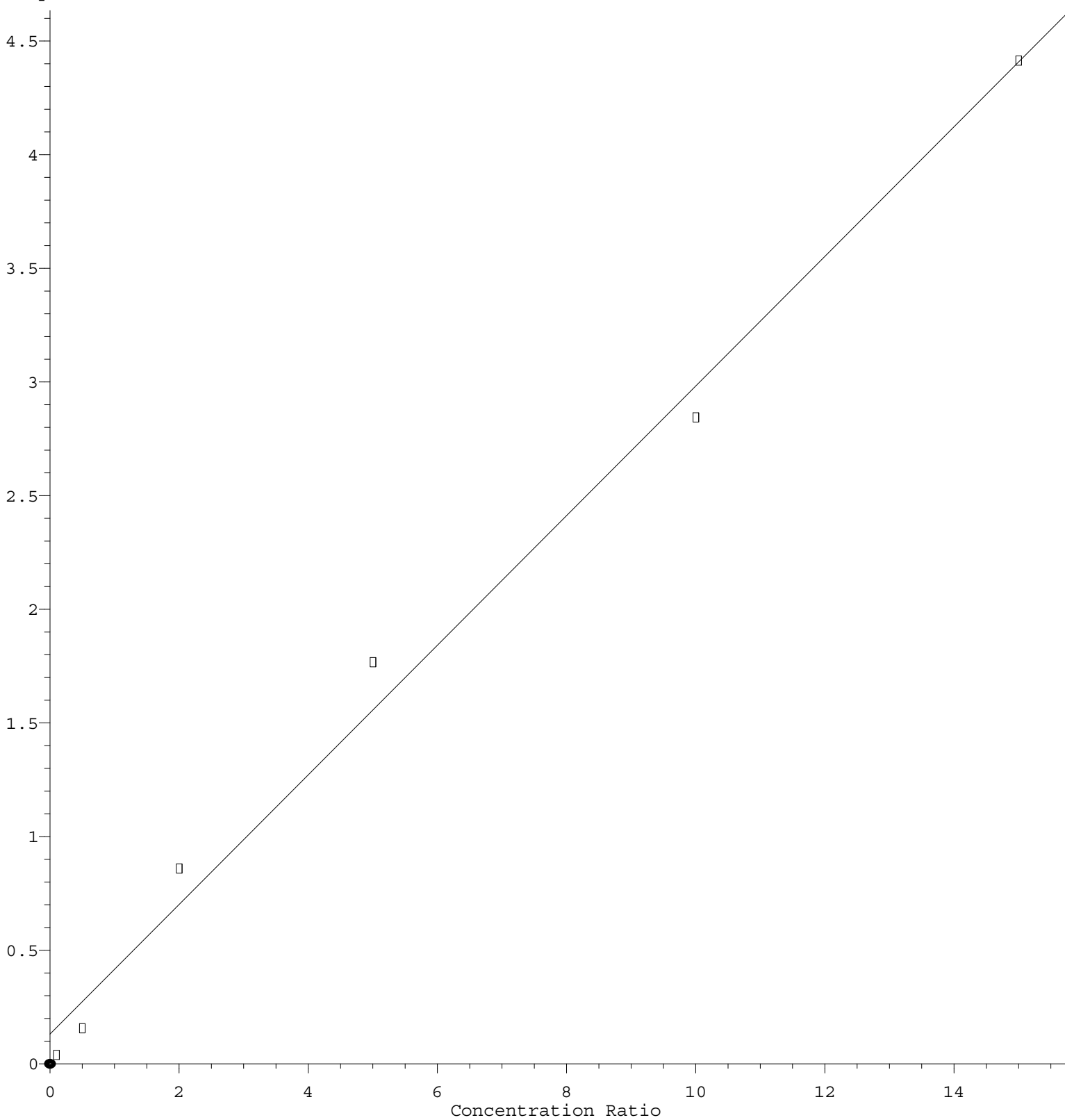
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X121321W.M

57)	T	1,3-Dichloropr...	0.607	0.602	0.675	0.650	0.596	0.663	0.632	5.44
58)	T	2-Chloroethyl ...	0.180	0.217	0.253	0.254	0.251	0.296	0.242	16.28
59)	T	2-Hexanone	0.350	0.375	0.481	0.444	0.413	0.457	0.420	11.92
60)	T	Dibromochlorom...	0.364	0.400	0.476	0.467	0.435	0.482	0.437	10.77
61)	T	1,2-Dibromoethane	0.405	0.390	0.445	0.426	0.397	0.444	0.418	5.74
62)	S	4-Bromofluorob...		0.437	0.474	0.480	0.476	0.546	0.483	8.16
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.441	0.403	0.392	0.392	0.383	0.382	0.399	5.52
65)	PM	Chlorobenzene	1.035	1.012	1.062	1.057	1.023	1.064	1.042	2.10
66)	T	1,1,1,2-Tetrac...	0.422	0.385	0.408	0.419	0.395	0.413	0.407	3.52
67)	C	Ethyl Benzene	1.617	1.700	1.755	1.832	1.794	1.876	1.762	5.30#
68)	T	m/p-Xylenes	0.606	0.639	0.695	0.730	0.714	0.731	0.686	7.53
69)	T	o-Xylene	0.568	0.636	0.705	0.717	0.698	0.724	0.675	9.01
70)	T	Styrene	0.890	1.021	1.171	1.229	1.195	1.229	1.123	12.28
71)	P	Bromoform	0.293	0.309	0.342	0.358	0.347	0.363	0.335	8.36
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.680	3.635	3.544	3.546	3.603	3.766	3.629	2.34
74)	T	N-amyl acetate	1.358	1.262	1.510	1.515	1.503	1.609	1.460	8.63
75)	P	1,1,2,2-Tetrac...	1.352	1.295	1.358	1.253	1.128	1.203	1.265	7.07
76)	T	1,2,3-Trichlor...	1.347	1.189	1.206	1.120	0.992	1.020	1.146	11.44
77)	T	Bromobenzene	0.911	0.937	0.963	0.933	0.903	0.937	0.931	2.30
78)	T	n-propylbenzene	3.954	4.079	3.956	4.060	4.175	4.404	4.105	4.10
79)	T	2-Chlorotoluene	2.765	2.664	2.612	2.553	2.485	2.581	2.610	3.70
80)	T	1,3,5-Trimethy...	2.846	3.014	3.015	3.048	3.015	3.120	3.010	3.00
81)	T	trans-1,4-Dich...		0.330	0.365	0.379	0.371	0.403	0.370	7.16
82)	T	4-Chlorotoluene	2.870	2.953	2.974	2.941	2.836	2.963	2.923	1.92
83)	T	tert-Butylbenzene	2.931	2.958	2.865	2.882	2.980	3.084	2.950	2.67
84)	T	1,2,4-Trimethy...	2.704	2.921	3.083	3.113	3.056	3.162	3.007	5.61
85)	T	sec-Butylbenzene	3.196	3.543	3.320	3.523	3.773	3.920	3.546	7.62
86)	T	p-Isopropyltol...	2.588	2.933	2.832	2.998	3.179	3.337	2.978	8.82
87)	T	1,3-Dichlorobe...	1.822	1.694	1.704	1.729	1.685	1.772	1.734	3.07
88)	T	1,4-Dichlorobe...	1.869	1.754	1.756	1.750	1.695	1.800	1.771	3.31
89)	T	n-Butylbenzene	2.280	2.410	2.202	2.431	2.701	2.879	2.484	10.38
90)	T	Hexachloroethane	0.570	0.608	0.530	0.572	0.596	0.635	0.585	6.20
91)	T	1,2-Dichlorobe...	1.576	1.629	1.728	1.711	1.593	1.700	1.656	3.94
92)	T	1,2-Dibromo-3-...	0.289	0.269	0.304	0.293	0.267	0.284	0.284	5.00
93)	T	1,2,4-Trichlor...	0.582	0.694	0.811	0.924	1.006	1.068	0.848	22.04
94)	T	Hexachlorobuta...	0.332	0.369	0.279	0.328	0.390	0.415	0.352	13.90
95)	T	Naphthalene	1.499	2.090	2.957	3.395	3.396	3.583	2.820	29.85
96)	T	1,2,3-Trichlor...	0.604	0.671	0.821	0.945	0.984	1.052	0.846	21.18

(#) = Out of Range

Acetone

Response Ratio



$$\text{Response} = 2.852\text{e-}001 * \text{Amt} + 1.305\text{e-}001$$

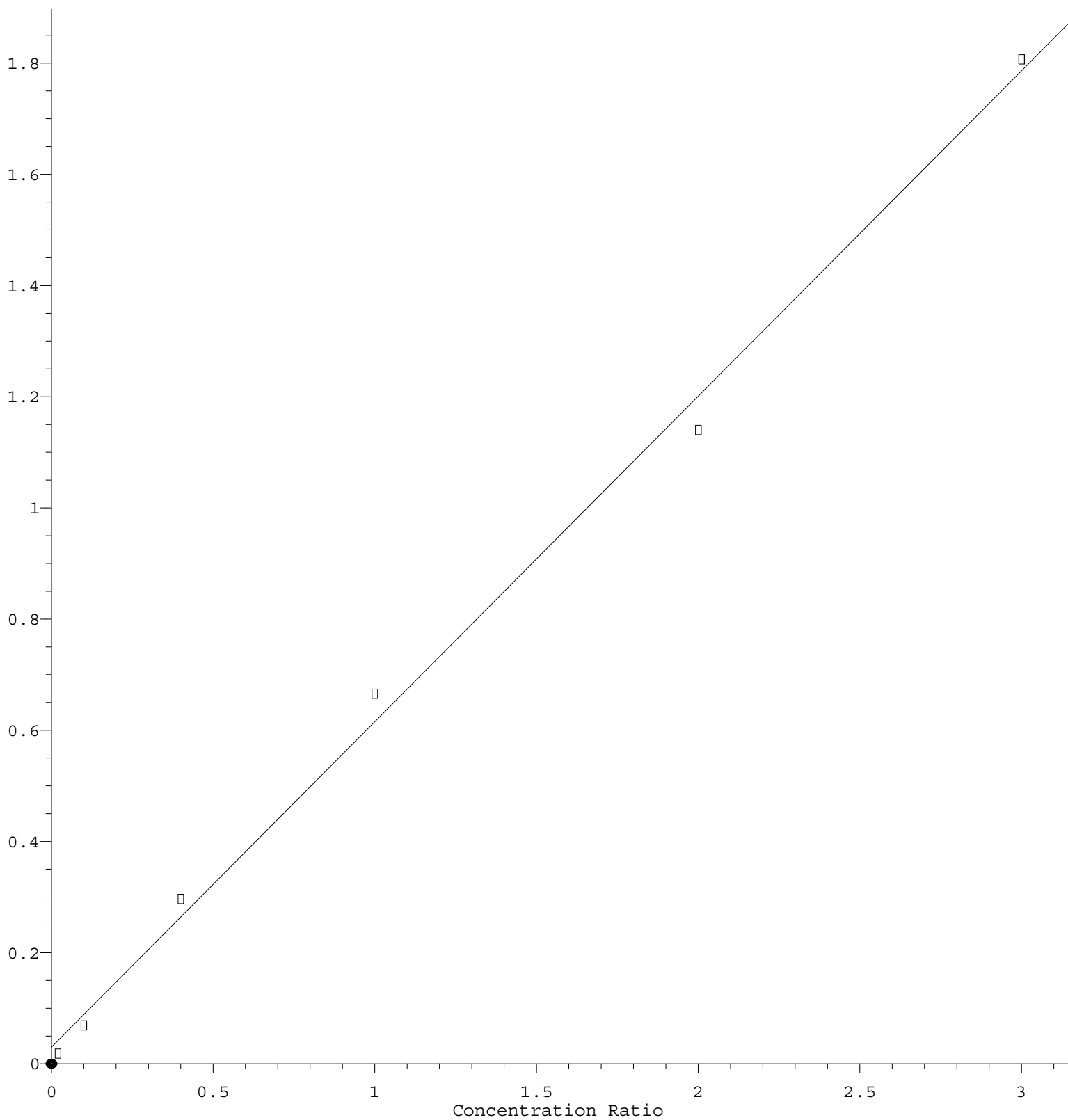
Coef of Det (r^2) = 0.991973 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021

Methylene Chloride

Response Ratio



$$\text{Response} = 5.856\text{e-}001 * \text{Amt} + 2.977\text{e-}002$$

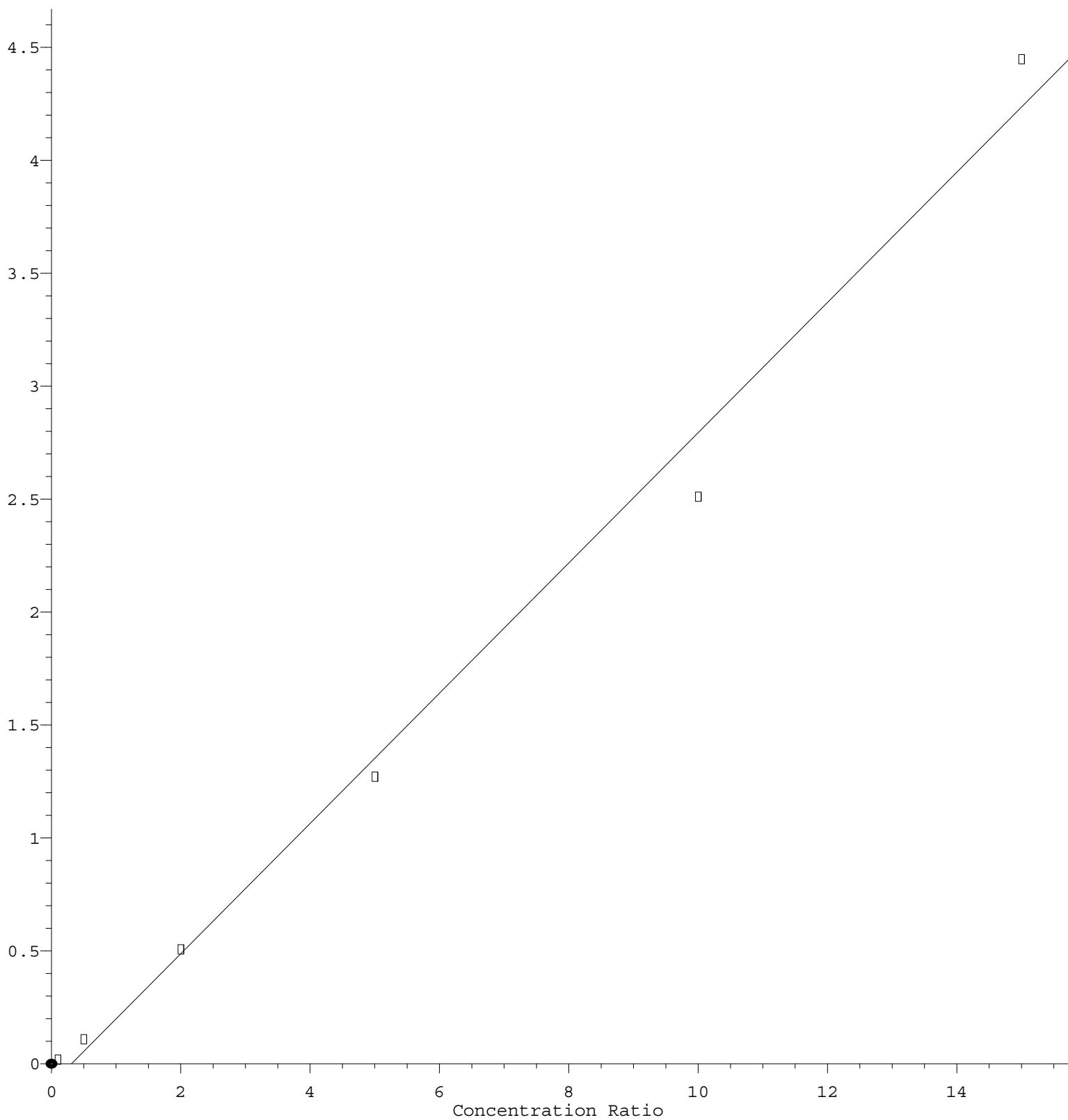
Coef of Det (r^2) = 0.996473 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021

2-Chloroethyl Vinyl ether

Response Ratio



$$\text{Response} = 2.884\text{e-}001 * \text{Amt} - 9.020\text{e-}002$$

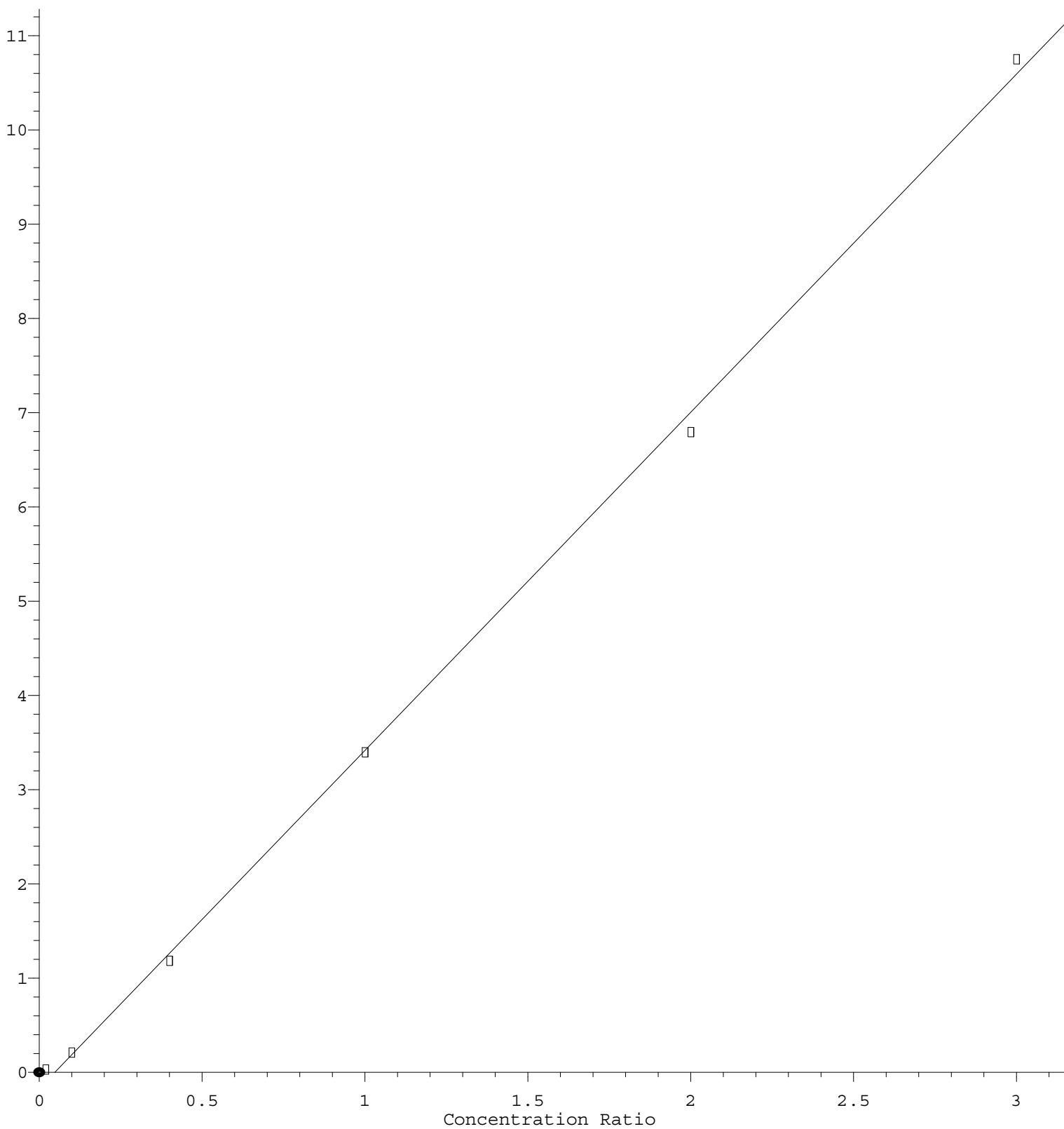
Coef of Det (r^2) = 0.990515 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021

Naphthalene

Response Ratio



$$\text{Response} = 3.588\text{e}+000 * \text{Amt} - 1.731\text{e}-001$$

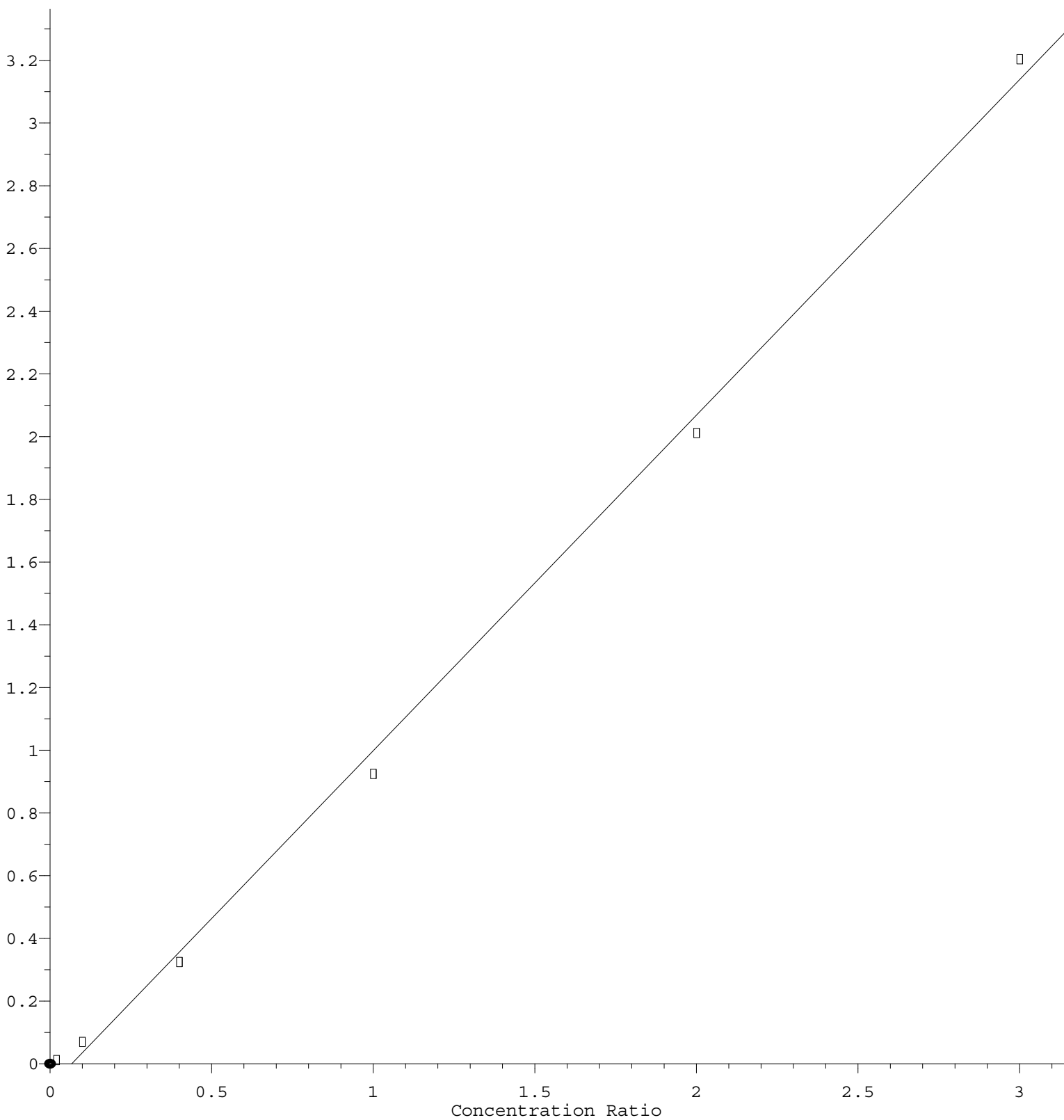
Coef of Det (r^2) = 0.998976 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021

1,2,4-Trichlorobenzene

Response Ratio



$$\text{Response} = 1.070\text{e}+000 * \text{Amt} - 7.213\text{e}-002$$

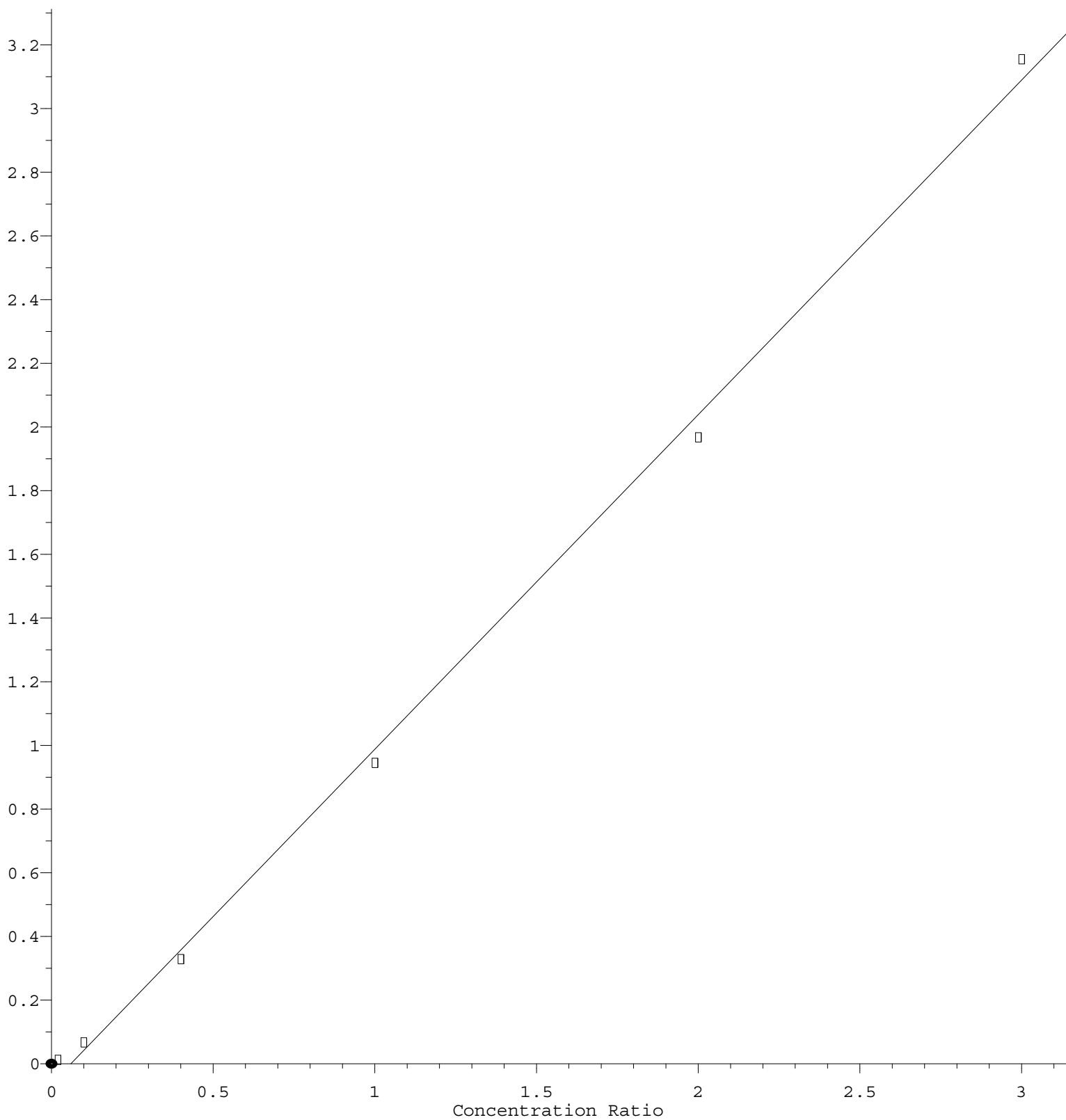
Coef of Det (r^2) = 0.997665 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021

1,2,3-Trichlorobenzene

Response Ratio



$$\text{Response} = 1.051\text{e}+000 * \text{Amt} - 6.291\text{e}-002$$

Coef of Det (r^2) = 0.998014 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X121321W.M

Calibration Table Last Updated: Tue Dec 14 07:02:11 2021