

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N090922W.M
 Title : SW846 8260
 Last Update : Sat Sep 10 06:10:29 2022
 Response Via : Initial Calibration

Calibration Files

1 =VN074369.D 5 =VN074370.D 10 =VN074371.D 20 =VN074372.D 50 =VN074373.D 75 =VN074374.D

	Compound	1	5	10	20	50	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.758	0.646	0.694	0.619	0.590	0.581	0.648	10.46
3) P	Chloromethane	1.278	0.922	0.911	0.828	0.785	0.763	0.914	20.71
4) C	Vinyl Chloride	1.224	1.094	1.141	1.086	0.993	0.958	1.083	8.96#
5) T	Bromomethane		0.838	0.875	0.766	0.716	0.588	0.756	14.92
6) T	Chloroethane		1.015	0.834	0.829	0.691	0.638	0.801	18.31
7) T	Trichlorofluor...	1.187	1.103	1.118	1.080	0.977	0.948	1.069	8.42
8) T	Diethyl Ether	0.550	0.448	0.461	0.444	0.405	0.398	0.451	12.06
9) T	1,1,2-Trichlor...	0.797	0.649	0.660	0.619	0.564	0.556	0.641	13.68
10) T	Methyl Iodide		0.706	0.803	0.752	0.716	0.725	0.740	5.26
11) T	Tert butyl alc...		0.236	0.245	0.224	0.219	0.207	0.226	6.59
12) CM	1,1-Dichloroet...	0.724	0.637	0.648	0.616	0.571	0.544	0.623	10.13#
13) T	Acrolein		0.166	0.155	0.150	0.141	0.139	0.150	7.22
14) T	Allyl chloride	1.619	1.354	1.432	1.325	1.261	1.213	1.367	10.59
15) T	Acrylonitrile	0.561	0.489	0.533	0.517	0.510	0.496	0.518	5.11
16) T	Acetone	0.559	0.458	0.485	0.445	0.434	0.421	0.467	10.71
17) T	Carbon Disulfide	1.975	1.636	1.764	1.674	1.567	1.549	1.694	9.33
18) T	Methyl Acetate	1.567	1.427	1.423	1.364	1.273	1.206	1.377	9.24
19) T	Methyl tert-bu...	2.841	2.439	2.596	2.448	2.353	2.375	2.509	7.32
20) T	Methylene Chlo...	1.099	0.845	0.786	0.737	0.700	0.670	0.806	19.41
21) T	trans-1,2-Dich...	0.895	0.668	0.720	0.655	0.621	0.632	0.698	14.63
22) T	Diisopropyl ether	3.188	2.607	2.818	2.671	2.662	2.571	2.753	8.33
23) T	Vinyl Acetate	2.561	2.360	2.524	2.440	2.453	2.402	2.457	3.04
24) P	1,1-Dichloroet...	1.574	1.395	1.521	1.380	1.310	1.306	1.414	7.79
25) T	2-Butanone	0.849	0.735	0.844	0.773	0.771	0.731	0.784	6.59
26) T	2,2-Dichloropr...	1.626	1.258	1.273	1.221	1.155	1.145	1.280	13.85
27) T	cis-1,2-Dichlo...	1.085	0.844	0.870	0.814	0.782	0.769	0.860	13.50
28) T	Bromochloromet...	0.720	0.622	0.402	0.427	0.427	0.421	0.503	26.64
29) T	Tetrahydrofuran	0.531	0.504	0.542	0.524	0.509	0.500	0.518	3.23
30) C	Chloroform	1.608	1.323	1.449	1.362	1.379	1.350	1.412	7.43#
31) T	Cyclohexane		1.546	1.516	1.369	1.231	1.218	1.376	11.18
32) T	1,1,1-Trichlor...	1.483	1.187	1.268	1.233	1.209	1.220	1.267	8.62
33) S	1,2-Dichloroet...		0.912	0.848	0.888	0.841	0.836	0.865	3.84
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.321	0.337	0.340	0.335	0.354	0.338	3.41
36) T	1,1-Dichloropr...	0.571	0.555	0.577	0.538	0.545	0.551	0.556	2.68
37) T	Ethyl Acetate	0.799	0.804	0.813	0.804	0.794	0.827	0.807	1.46
38) T	Carbon Tetrach...	0.572	0.575	0.571	0.573	0.576	0.577	0.574	0.45
39) T	Methylcyclohexane	0.813	0.691	0.685	0.674	0.679	0.687	0.705	7.55
40) TM	Benzene	1.737	1.697	1.752	1.647	1.686	1.697	1.703	2.21
41) T	Methacrylonitrile	0.421	0.413	0.370	0.380	0.433	0.385	0.400	6.31
42) TM	1,2-Dichloroet...	0.747	0.614	0.649	0.634	0.629	0.633	0.651	7.42
43) T	Isopropyl Acetate	1.301	1.321	1.376	1.311	1.308	1.298	1.319	2.21
44) TM	Trichloroethene	0.407	0.366	0.389	0.378	0.372	0.379	0.382	3.86
45) C	1,2-Dichloropr...	0.517	0.424	0.463	0.439	0.436	0.433	0.452	7.57#
46) T	Dibromomethane	0.333	0.293	0.312	0.306	0.303	0.309	0.309	4.30
47) T	Bromodichlorom...	0.639	0.609	0.613	0.606	0.612	0.622	0.617	1.96
48) T	Methyl methacr...	0.645	0.593	0.566	0.541	0.550	0.594	0.581	6.48
49) T	1,4-Dioxane	0.014	0.012	0.012	0.012	0.013	0.012	0.012	7.65
50) S	Toluene-d8		1.352	1.223	1.305	1.328	1.368	1.315	4.32
51) T	4-Methyl-2-Pen...	0.871	0.815	0.881	0.866	0.874	0.869	0.863	2.79
52) CM	Toluene	0.968	1.046	1.063	1.047	1.092	1.100	1.053	4.48#
53) T	t-1,3-Dichloro...	0.680	0.621	0.679	0.667	0.710	0.725	0.680	5.32
54) T	cis-1,3-Dichlo...	0.802	0.669	0.739	0.698	0.716	0.729	0.725	6.22
55) T	1,1,2-Trichlor...	0.466	0.411	0.426	0.432	0.434	0.435	0.434	4.14
56) T	Ethyl methacry...	0.694	0.683	0.739	0.730	0.788	0.790	0.737	6.10

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\

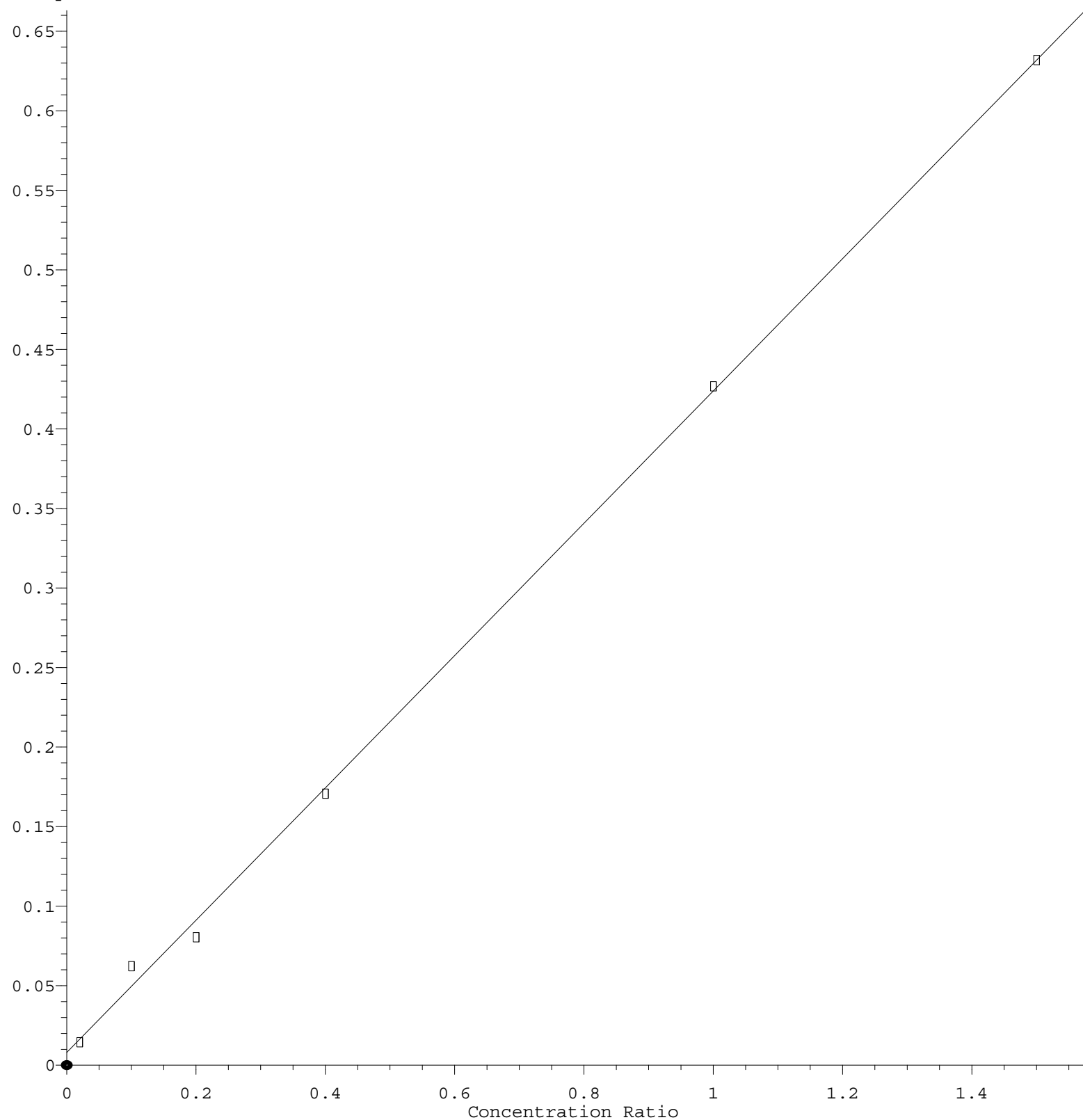
Method File : 82N090922W.M

57)	T	1,3-Dichloropr...	0.752	0.758	0.772	0.742	0.768	0.761	0.759	1.46
58)	T	2-Chloroethyl ...	0.340	0.347	0.345	0.333	0.342	0.351	0.343	1.82
59)	T	2-Hexanone	0.655	0.627	0.673	0.674	0.687	0.678	0.666	3.27
60)	T	Dibromochlorom...	0.370	0.422	0.445	0.446	0.468	0.485	0.439	9.16
61)	T	1,2-Dibromoethane	0.434	0.450	0.448	0.423	0.457	0.467	0.447	3.49
62)	S	4-Bromofluorob...	0.464	0.435	0.466	0.493	0.530	0.478		7.47
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.406	0.342	0.323	0.322	0.322	0.319	0.339	10.06
65)	PM	Chlorobenzene	1.261	1.195	1.238	1.191	1.183	1.167	1.206	2.97
66)	T	1,1,1,2-Tetrac...	0.558	0.463	0.453	0.453	0.452	0.446	0.471	9.17
67)	C	Ethyl Benzene	2.383	2.322	2.241	2.248	2.246	2.223	2.277	2.72#
68)	T	m/p-Xylenes	0.868	0.851	0.854	0.852	0.856	0.856	0.856	0.73
69)	T	o-Xylene	0.881	0.850	0.866	0.859	0.861	0.845	0.861	1.44
70)	T	Styrene	1.294	1.300	1.359	1.376	1.446	1.433	1.368	4.69
71)	P	Bromoform	0.341	0.337	0.343	0.348	0.375	0.372	0.353	4.70
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	5.319	4.773	5.135	4.724	4.541	4.330	4.804	7.65
74)	T	N-amyl acetate	3.652	2.666	2.909	2.648	2.532	2.374	2.797	16.25
75)	P	1,1,2,2-Tetrac...	2.273	1.850	1.851	1.700	1.628	1.530	1.805	14.47
76)	T	1,2,3-Trichlor...	1.070	1.428	1.457	1.364	1.304	1.219	1.307	11.05
77)	T	Bromobenzene	1.120	1.047	1.123	1.009	0.968	0.921	1.031	7.89
78)	T	n-propylbenzene	5.874	5.382	5.602	5.475	5.463	5.224	5.503	4.00
79)	T	2-Chlorotoluene	3.817	3.382	3.428	3.276	3.205	3.022	3.355	7.99
80)	T	1,3,5-Trimethy...	4.250	4.073	4.158	3.888	3.846	3.698	3.985	5.25
81)	T	trans-1,4-Dich...	0.607	0.606	0.586	0.581	0.551	0.586		3.89
82)	T	4-Chlorotoluene	3.530	3.326	3.190	3.153	3.171	3.054	3.237	5.19
83)	T	tert-Butylbenzene	4.056	3.677	3.636	3.470	3.426	3.264	3.588	7.63
84)	T	1,2,4-Trimethy...	4.159	3.937	4.074	3.945	3.869	3.716	3.950	3.93
85)	T	sec-Butylbenzene	5.209	4.755	4.991	4.788	4.895	4.659	4.883	4.03
86)	T	p-Isopropyltol...	4.093	3.755	3.943	3.876	3.931	3.851	3.908	2.89
87)	T	1,3-Dichlorobe...	2.061	1.926	1.915	1.863	1.860	1.814	1.907	4.51
88)	T	1,4-Dichlorobe...	2.217	1.810	1.932	1.902	1.868	1.828	1.926	7.75
89)	T	n-Butylbenzene	3.389	3.165	3.188	3.296	3.487	3.431	3.326	3.96
90)	T	Hexachloroethane	0.990	0.800	0.827	0.782	0.794	0.761	0.826	10.11
91)	T	1,2-Dichlorobe...	2.380	1.988	2.039	1.905	1.906	1.813	2.005	9.93
92)	T	1,2-Dibromo-3-...	0.747	0.481	0.468	0.431	0.429	0.394	0.491	26.28
93)	T	1,2,4-Trichlor...	1.108	1.005	0.945	0.933	0.996	1.007	0.999	6.21
94)	T	Hexachlorobuta...	0.560	0.447	0.448	0.421	0.422	0.419	0.453	11.94
95)	T	Naphthalene	4.127	3.682	3.853	3.798	4.013	3.982	3.909	4.13
96)	T	1,2,3-Trichlor...	1.209	0.989	1.018	0.958	1.011	1.019	1.034	8.61

(#) = Out of Range

Bromochloromethane

Response Ratio



$$\text{Response} = 4.165\text{e-}001 * \text{Amt} + 7.554\text{e-}003$$

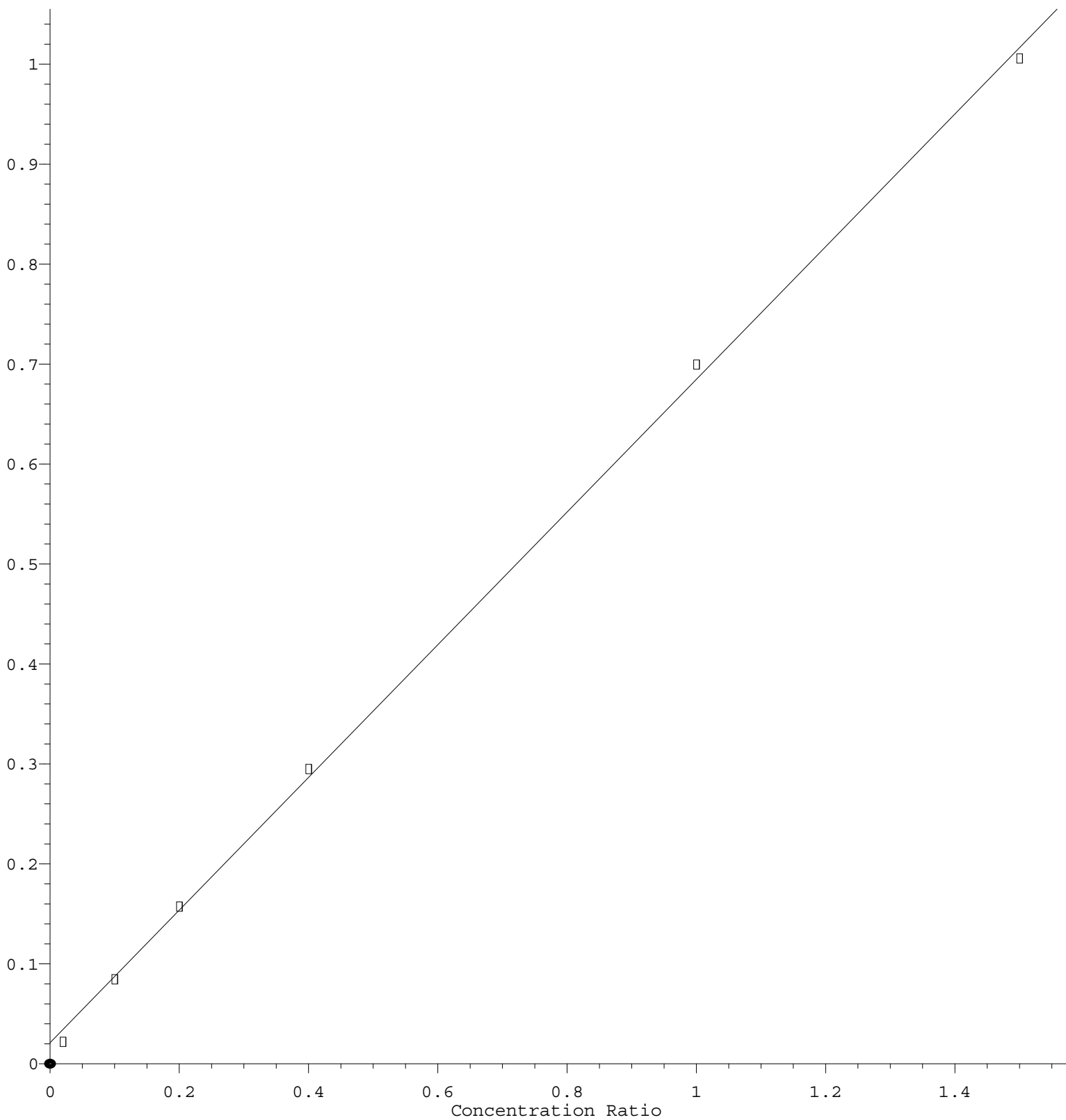
Coef of Det (r^2) = 0.999000 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M

Calibration Table Last Updated: Sat Sep 10 06:10:29 2022

Methylene Chloride

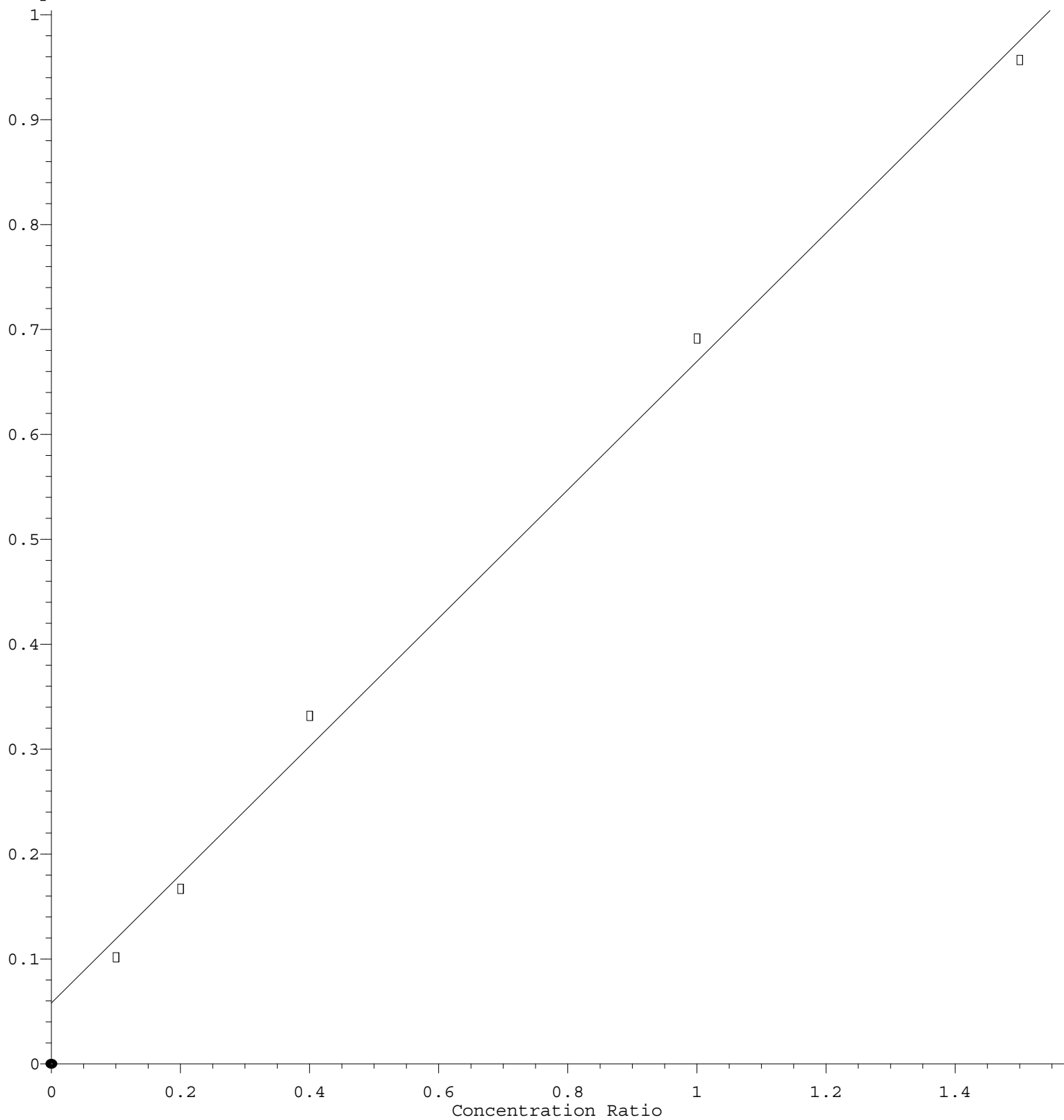
Response Ratio



Response = 6.646e-001 * Amt + 2.062e-002
 Coef of Det (r^2) = 0.999244 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M
 Calibration Table Last Updated: Sat Sep 10 06:10:29 2022

Chloroethane

Response Ratio



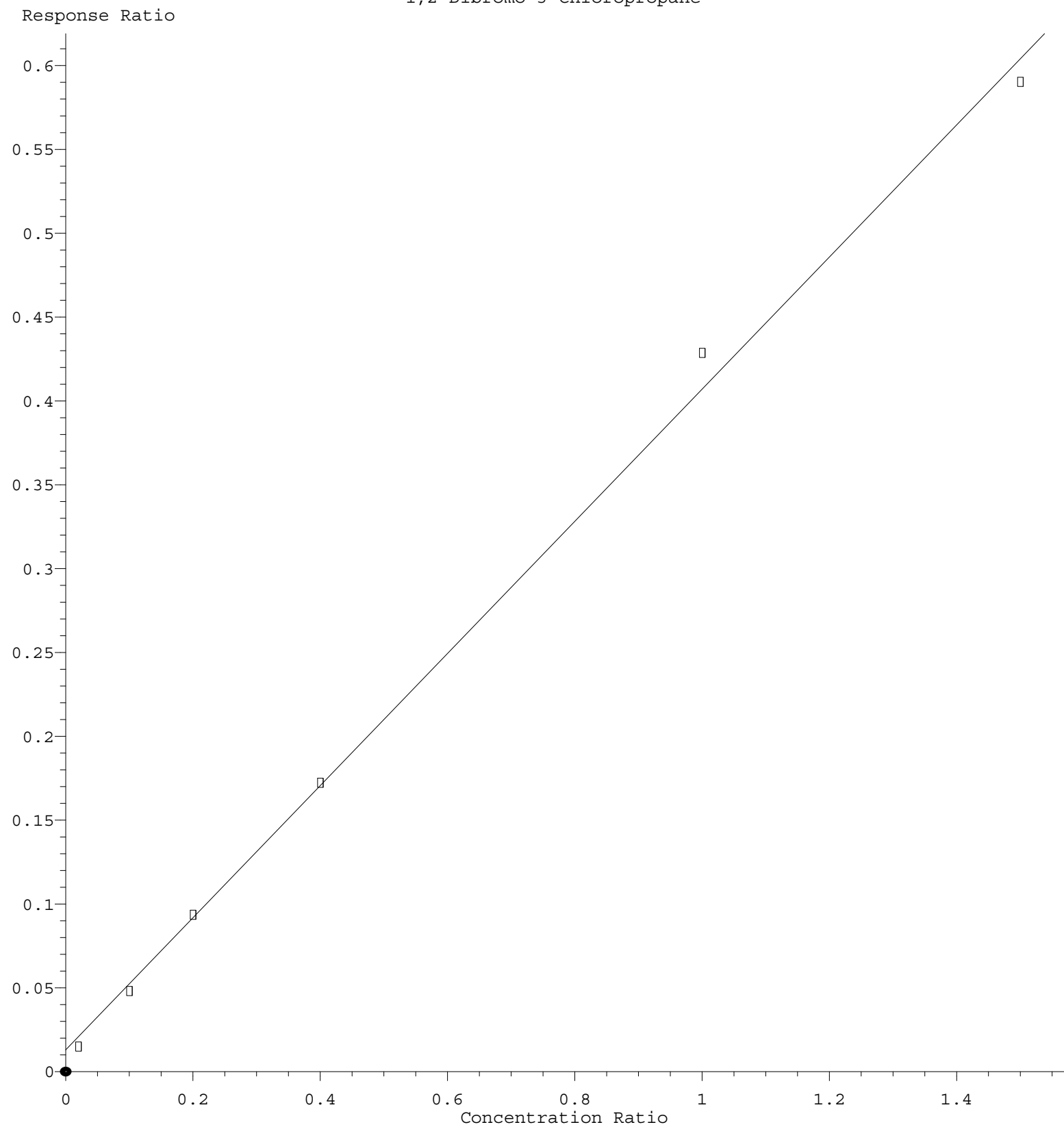
$$\text{Response} = 6.119\text{e-}001 * \text{Amt} + 5.802\text{e-}002$$

Coef of Det (r^2) = 0.995947 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M

Calibration Table Last Updated: Sat Sep 10 06:10:29 2022

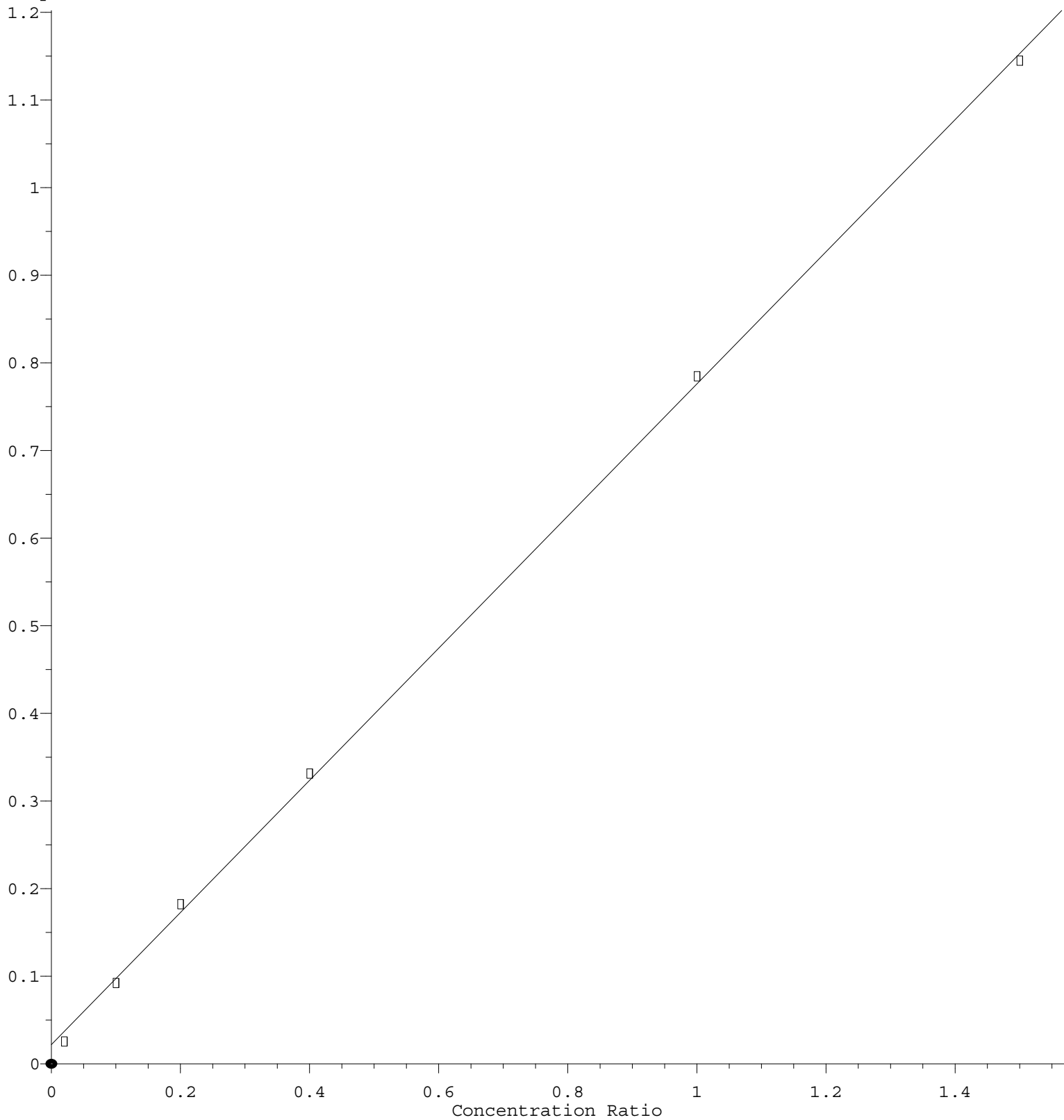
1,2-Dibromo-3-Chloropropane



Response = $3.945 \times 10^{-1} \times \text{Amt} + 1.288 \times 10^{-2}$
Coef of Det (r^2) = 0.997354 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M
Calibration Table Last Updated: Sat Sep 10 06:10:29 2022

Chloromethane

Response Ratio



$$\text{Response} = 7.541\text{e-}001 * \text{Amt} + 2.209\text{e-}002$$

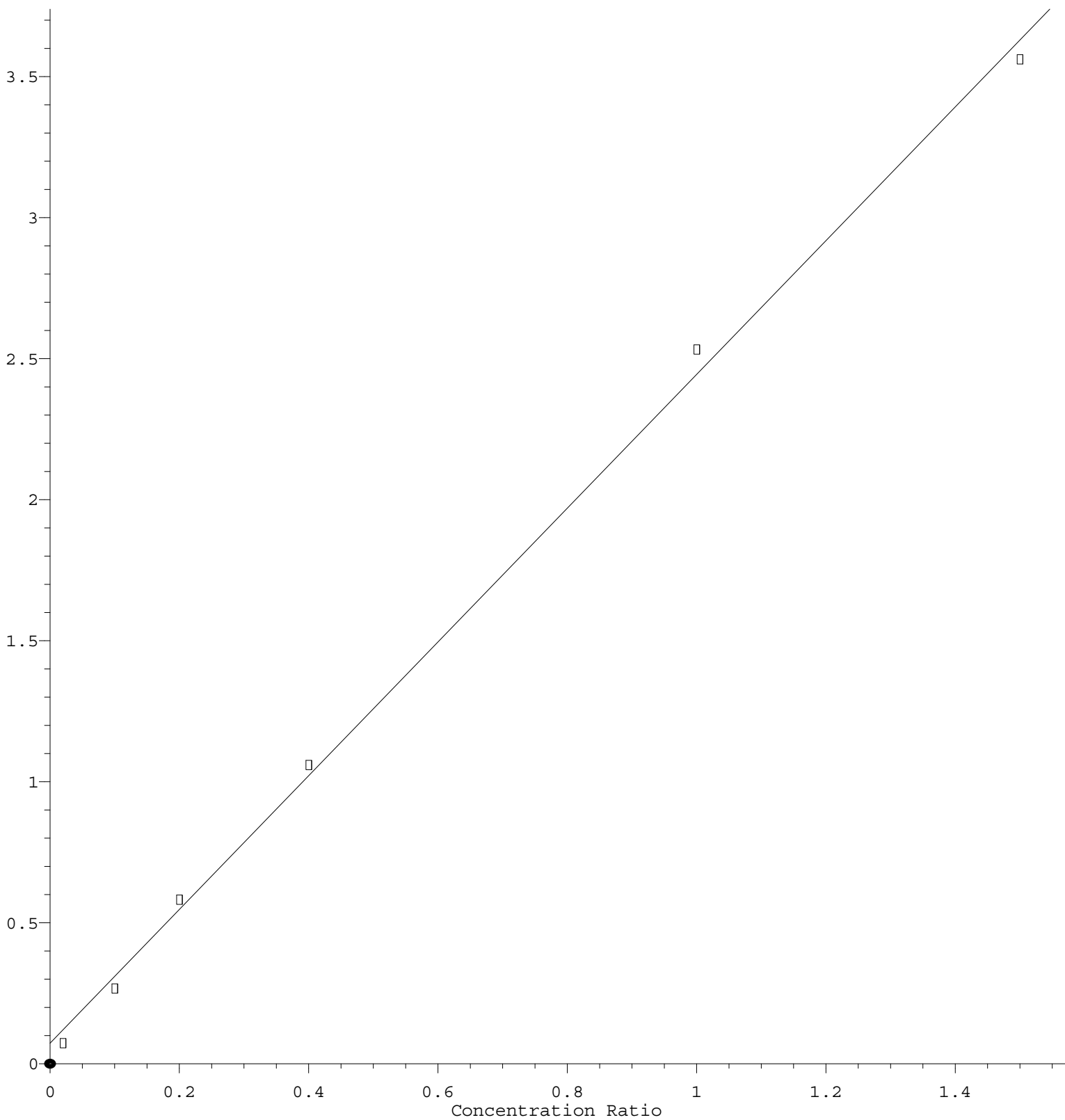
Coef of Det (r^2) = 0.999546 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M

Calibration Table Last Updated: Sat Sep 10 06:10:29 2022

N-amyl acetate

Response Ratio



$$\text{Response} = 2.372\text{e}+000 * \text{Amt} + 7.273\text{e}-002$$

Coef of Det (r^2) = 0.998027 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N090922W.M

Calibration Table Last Updated: Sat Sep 10 06:10:29 2022