

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N091024W.M
 Title : SW846 8260
 Last Update : Wed Sep 11 15:18:56 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN083747.D 5 =VN083746.D 10 =VN083745.D 20 =VN083749.D 50 =VN083743.D 100 =VN083742.D

	Compound	1	5	10	20	50	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.591	0.551	0.558	0.618	0.601	0.566	0.581	4.55
3) P	Chloromethane	1.083	0.657	0.619	0.689	0.623	0.573	0.707	26.59
4) C	Vinyl Chloride	0.663	0.619	0.597	0.692	0.656	0.591	0.636	6.32#
5) T	Bromomethane		0.393	0.339	0.410	0.359	0.327	0.365	9.65
6) T	Chloroethane	0.470	0.464	0.448	0.486	0.431	0.380	0.446	8.48
7) T	Trichlorofluor...	1.167	1.071	0.956	1.234	1.065	0.990	1.080	9.73
8) T	Diethyl Ether	0.321	0.370	0.350	0.419	0.367	0.346	0.362	9.10
9) T	1,1,2-Trichlor...	0.530	0.580	0.522	0.672	0.586	0.547	0.573	9.63
10) T	Methyl Iodide		0.717	0.649	0.820	0.759	0.697	0.728	8.87
11) T	Tert butyl alc...		0.110	0.089	0.115	0.101	0.089	0.101	11.71
12) CM	1,1-Dichloroet...	0.511	0.557	0.476	0.626	0.559	0.516	0.541	9.64#
13) T	Acrolein		0.111	0.101	0.094	0.104	0.088	0.100	8.89
14) T	Allyl chloride	0.922	0.913	0.906	1.107	0.999	0.934	0.964	8.09
15) T	Acrylonitrile	0.283	0.277	0.243	0.316	0.275	0.253	0.275	9.19
16) T	Acetone	0.299	0.283	0.250	0.396	0.297	0.288	0.302	16.34
17) T	Carbon Disulfide	1.703	1.467	1.357	1.630	1.530	1.389	1.513	8.95
18) T	Methyl Acetate	1.033	0.751	0.601	0.748	0.667	0.607	0.735	21.82
19) T	Methyl tert-bu...	1.897	1.936	1.768	2.272	2.004	1.864	1.957	8.84
20) T	Methylene Chlo...	0.643	0.621	0.567	0.703	0.609	0.568	0.618	8.25
21) T	trans-1,2-Dich...	0.584	0.617	0.522	0.640	0.581	0.533	0.580	7.95
22) T	Diisopropyl ether	1.858	1.960	1.788	2.305	2.054	1.936	1.984	9.15
23) T	Vinyl Acetate	1.310	1.394	1.254	1.727	1.546	1.485	1.453	11.86
24) P	1,1-Dichloroet...	1.168	1.165	1.014	1.295	1.145	1.069	1.143	8.42
25) T	2-Butanone	0.410	0.381	0.336	0.491	0.393	0.372	0.397	13.16
26) T	2,2-Dichloropr...	0.998	0.993	0.923	1.262	1.093	1.045	1.052	11.17
27) T	cis-1,2-Dichlo...	0.686	0.646	0.621	0.795	0.717	0.664	0.688	8.97
28) T	Bromochloromet...	0.420	0.538	0.474	0.454	0.525	0.477	0.481	9.10
29) T	Tetrahydrofuran	0.230	0.231	0.211	0.274	0.242	0.223	0.235	9.23
30) C	Chloroform	1.180	1.224	1.081	1.428	1.221	1.145	1.213	9.72#
31) T	Cyclohexane		1.244	1.017	1.206	1.017	0.965	1.090	11.56
32) T	1,1,1-Trichlor...	1.081	1.131	0.989	1.293	1.137	1.063	1.116	9.14
33) S	1,2-Dichloroet...		0.599	0.846	0.732	0.849	0.745	0.754	13.63
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.284	0.340	0.321	0.340	0.316	0.320	7.19
36) T	1,1-Dichloropr...	0.503	0.472	0.416	0.556	0.472	0.471	0.482	9.54
37) T	Ethyl Acetate	0.385	0.429	0.393	0.527	0.458	0.432	0.437	11.75
38) T	Carbon Tetrach...	0.515	0.544	0.475	0.643	0.561	0.541	0.547	10.24
39) T	Methylcyclohexane	0.507	0.504	0.477	0.661	0.573	0.568	0.548	12.24
40) TM	Benzene	1.450	1.386	1.284	1.740	1.441	1.400	1.450	10.60
41) T	Methacrylonitrile	0.278	0.239	0.211	0.299	0.264	0.260	0.259	11.84
42) TM	1,2-Dichloroet...	0.497	0.534	0.495	0.656	0.546	0.523	0.542	10.97
43) T	Isopropyl Acetate	0.781	0.773	0.688	0.942	0.796	0.775	0.792	10.43
44) TM	Trichloroethene	0.354	0.306	0.300	0.392	0.340	0.323	0.336	10.22
45) C	1,2-Dichloropr...	0.339	0.345	0.303	0.428	0.349	0.338	0.350	11.85#
46) T	Dibromomethane	0.213	0.246	0.221	0.298	0.254	0.242	0.245	12.22
47) T	Bromodichlorom...	0.493	0.512	0.461	0.636	0.549	0.536	0.531	11.32
48) T	Methyl methacr...	0.364	0.364	0.328	0.450	0.378	0.372	0.376	10.68
49) T	1,4-Dioxane	0.007	0.006	0.005	0.007	0.006	0.006	0.006	12.02
50) S	Toluene-d8		0.761	1.199	1.130	1.271	1.172	1.107	18.06
51) T	4-Methyl-2-Pen...	0.405	0.416	0.379	0.521	0.443	0.424	0.431	11.29
52) CM	Toluene	0.820	0.878	0.773	1.060	0.908	0.883	0.887	11.07#
53) T	t-1,3-Dichloro...	0.519	0.510	0.467	0.626	0.559	0.550	0.539	10.04
54) T	cis-1,3-Dichlo...	0.510	0.533	0.511	0.680	0.586	0.574	0.566	11.38
55) T	1,1,2-Trichlor...	0.345	0.323	0.289	0.387	0.328	0.315	0.331	9.98
56) T	Ethyl methacry...	0.423	0.475	0.439	0.626	0.557	0.537	0.509	15.23

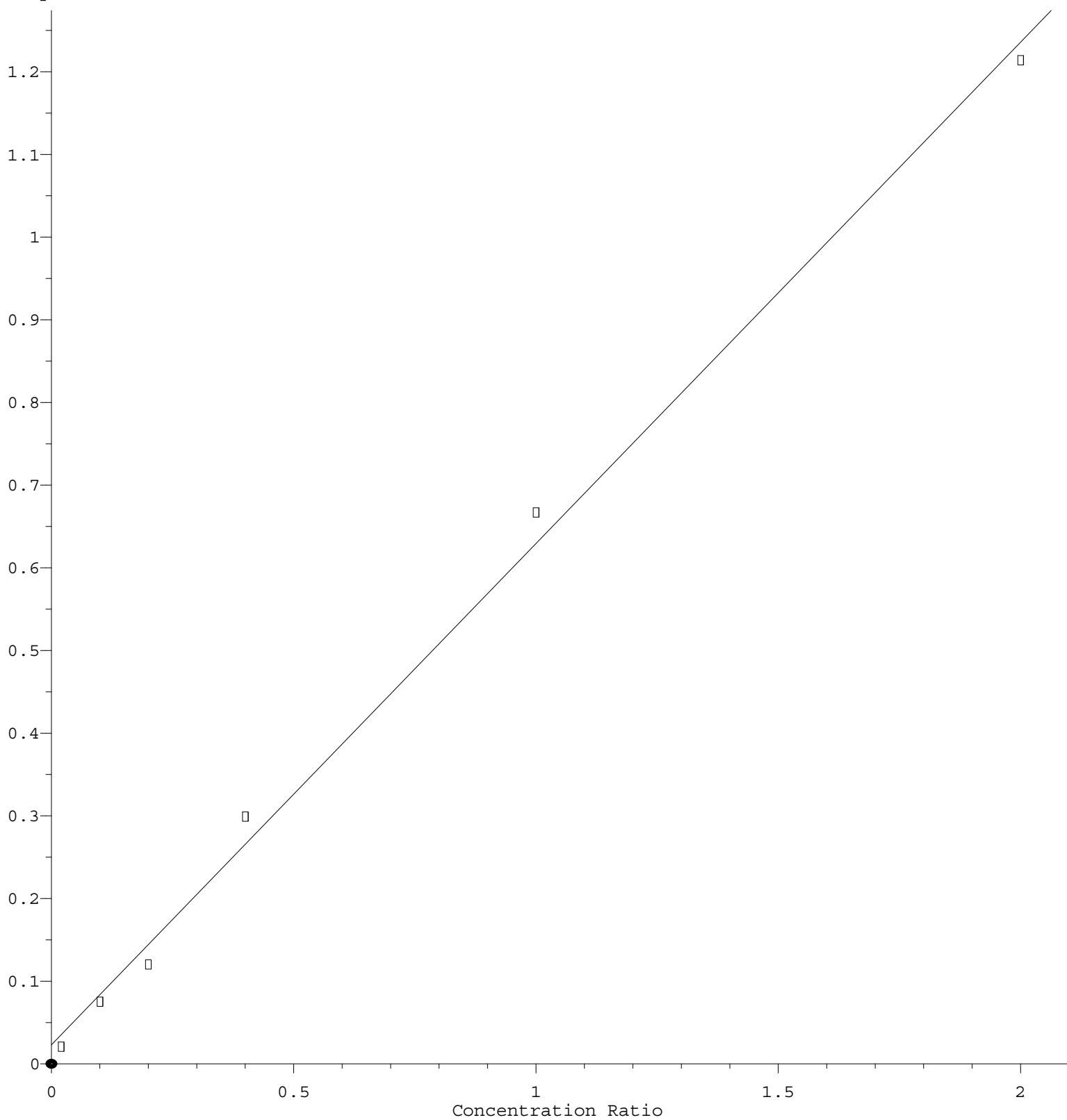
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N091024W.M

57)	T	1,3-Dichloropr...	0.512	0.583	0.505	0.682	0.576	0.557	0.569	11.26
58)	T	2-Chloroethyl ...	0.142	0.176	0.177	0.187	0.173	0.245	0.184	18.30
59)	T	2-Hexanone	0.277	0.312	0.276	0.405	0.329	0.315	0.319	14.75
60)	T	Dibromochlorom...	0.337	0.342	0.335	0.440	0.392	0.378	0.371	11.13
61)	T	1,2-Dibromoethane	0.342	0.309	0.285	0.391	0.332	0.324	0.330	10.82
62)	S	4-Bromofluorob...	0.386	0.458	0.503	0.488	0.448	0.457		9.93
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.341	0.340	0.302	0.377	0.321	0.313	0.333	8.01
65)	PM	Chlorobenzene	1.196	1.105	0.973	1.257	1.091	1.046	1.111	9.20
66)	T	1,1,1,2-Tetrac...	0.381	0.367	0.350	0.445	0.394	0.375	0.385	8.55
67)	C	Ethyl Benzene	1.913	1.889	1.747	2.281	2.029	1.985	1.974	9.05#
68)	T	m/p-Xylenes	0.713	0.688	0.652	0.856	0.754	0.734	0.733	9.58
69)	T	o-Xylene	0.657	0.668	0.654	0.831	0.740	0.707	0.710	9.63
70)	T	Styrene	1.100	1.072	1.008	1.354	1.244	1.208	1.164	10.95
71)	P	Bromoform	0.223	0.257	0.226	0.301	0.278	0.272	0.260	11.78
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.759	3.808	3.596	4.135	4.076	3.835	3.868	5.24
74)	T	N-amyl acetate	1.687	1.618	1.482	1.745	1.739	1.631	1.650	5.92
75)	P	1,1,2,2-Tetrac...	1.298	1.181	1.064	1.165	1.095	1.015	1.137	8.86
76)	T	1,2,3-Trichlor...	1.124	1.033	0.897	1.041	0.950	1.008	1.009	7.79
77)	T	Bromobenzene	1.086	0.947	0.884	0.930	0.899	0.841	0.931	9.09
78)	T	n-propylbenzene	4.560	4.320	4.074	4.776	4.759	4.516	4.501	5.97
79)	T	2-Chlorotoluene	2.959	2.887	2.717	3.067	2.893	2.700	2.870	4.93
80)	T	1,3,5-Trimethy...	3.309	3.122	3.028	3.486	3.419	3.204	3.261	5.39
81)	T	trans-1,4-Dich...	0.419	0.319	0.390	0.411	0.387	0.385		10.29
82)	T	4-Chlorotoluene	2.990	2.953	2.670	2.998	2.948	2.723	2.880	5.03
83)	T	tert-Butylbenzene	2.890	2.726	2.627	3.067	3.014	2.796	2.853	5.94
84)	T	1,2,4-Trimethy...	3.217	3.184	3.059	3.488	3.483	3.225	3.276	5.28
85)	T	sec-Butylbenzene	3.487	3.734	3.438	4.106	4.084	3.856	3.784	7.56
86)	T	p-Isopropyltol...	3.043	3.128	2.828	3.348	3.448	3.237	3.172	7.02
87)	T	1,3-Dichlorobe...	2.096	1.785	1.591	1.754	1.741	1.577	1.757	10.66
88)	T	1,4-Dichlorobe...	2.154	1.824	1.654	1.718	1.741	1.586	1.779	11.26
89)	T	n-Butylbenzene	3.059	2.687	2.554	2.920	3.002	2.866	2.848	6.77
90)	T	Hexachloroethane	0.699	0.626	0.593	0.658	0.642	0.608	0.638	5.97
91)	T	1,2-Dichlorobe...	1.860	1.774	1.543	1.740	1.688	1.571	1.696	7.19
92)	T	1,2-Dibromo-3-...	0.220	0.233	0.214	0.237	0.237	0.219	0.227	4.47
93)	T	1,2,4-Trichlor...	1.038	0.907	0.848	0.875	0.932	0.861	0.910	7.67
94)	T	Hexachlorobuta...	0.461	0.373	0.362	0.397	0.374	0.352	0.386	10.25
95)	T	Naphthalene	2.808	2.782	2.594	2.686	3.016	2.727	2.769	5.16
96)	T	1,2,3-Trichlor...	0.981	0.875	0.813	0.840	0.895	0.815	0.870	7.31

(#) = Out of Range

Methyl Acetate

Response Ratio



$$\text{Response} = 6.063\text{e-}001 * \text{Amt} + 2.337\text{e-}002$$

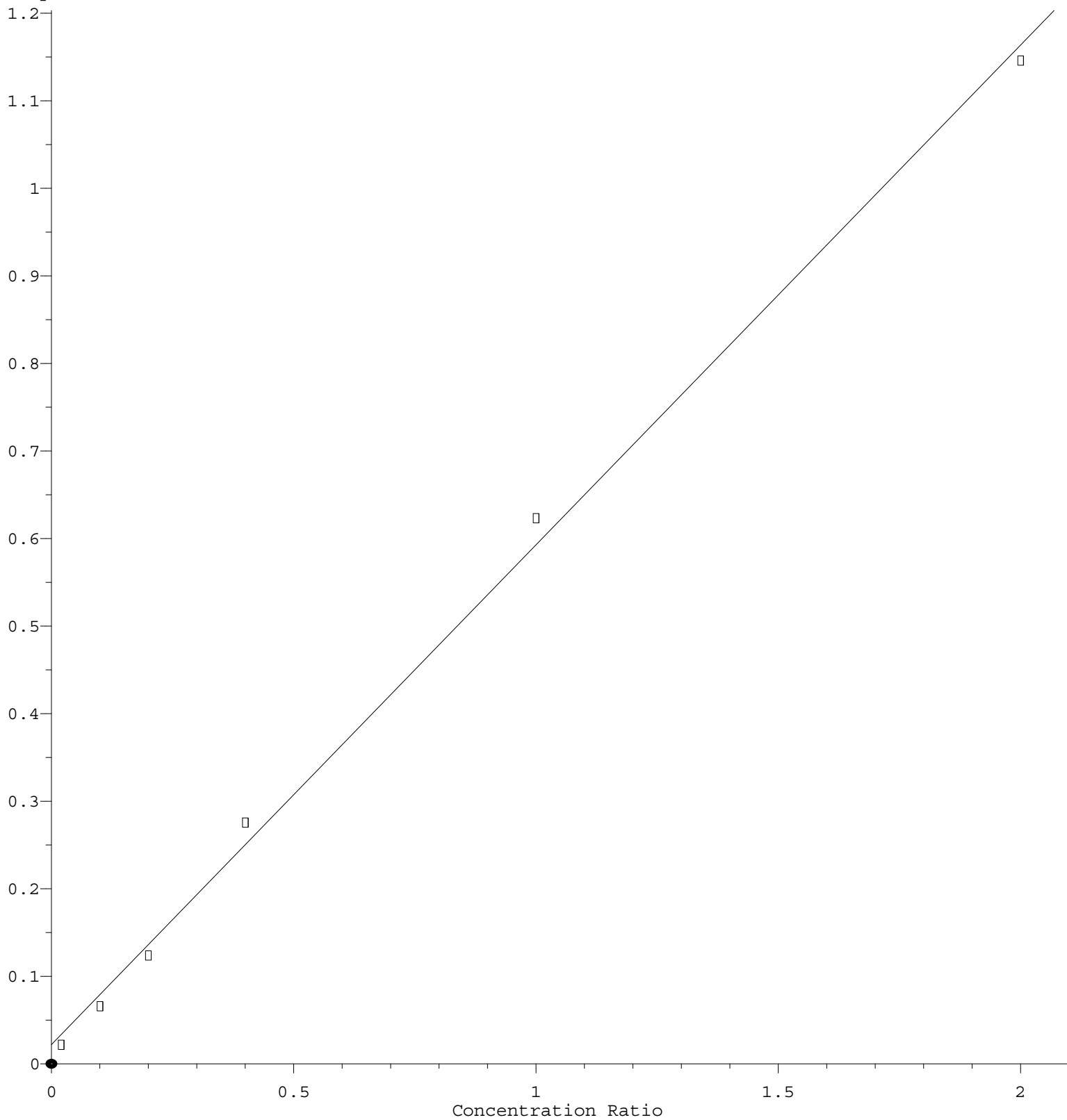
Coef of Det (r^2) = 0.996387 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N091024W.M

Calibration Table Last Updated: Wed Sep 11 15:18:56 2024

Chloromethane

Response Ratio



$$\text{Response} = 5.711\text{e-}001 * \text{Amt} + 2.189\text{e-}002$$

Coef of Det (r^2) = 0.997537 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N091024W.M

Calibration Table Last Updated: Wed Sep 11 15:18:56 2024