

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051524W.M
 Title : SW846 8260
 Last Update : Thu May 16 05:21:06 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN082134.D 5 =VN082133.D 10 =VN082132.D 20 =VN082131.D 50 =VN082130.D 100 =VN082129.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.688	0.748	0.743	0.709	0.751	0.686	0.721	4.18
3) P	Chloromethane	0.867	0.859	0.814	0.835	0.806	0.719	0.817	6.55
4) C	Vinyl Chloride	0.802	0.773	0.755	0.785	0.777	0.716	0.768	3.85#
5) T	Bromomethane		0.507	0.460	0.456	0.418	0.366	0.441	11.96
6) T	Chloroethane	0.546	0.543	0.484	0.506	0.480	0.450	0.501	7.51
7) T	Trichlorofluor...	0.912	1.090	1.010	1.047	1.022	0.954	1.006	6.39
8) T	Diethyl Ether	0.294	0.386	0.347	0.397	0.376	0.351	0.358	10.37
9) T	1,1,2-Trichlor...	0.627	0.614	0.571	0.587	0.580	0.546	0.588	5.00
10) T	Methyl Iodide		0.557	0.540	0.594	0.624	0.637	0.591	7.10
11) T	Tert butyl alc...		0.133	0.128	0.131	0.129	0.113	0.127	6.18
12) CM	1,1-Dichloroet...	0.505	0.556	0.554	0.579	0.558	0.525	0.546	4.82#
13) T	Acrolein		0.082	0.096	0.095	0.100	0.096	0.094	7.19
14) T	Allyl chloride	1.280	1.190	1.108	1.201	1.136	1.101	1.169	5.84
15) T	Acrylonitrile	0.303	0.348	0.325	0.342	0.339	0.313	0.328	5.43
16) T	Acetone	0.309	0.324	0.313	0.309	0.347	0.342	0.324	5.19
17) T	Carbon Disulfide	2.048	1.776	1.724	1.735	1.695	1.604	1.764	8.54
18) T	Methyl Acetate	0.860	0.871	0.782	0.823	0.790	0.713	0.807	7.23
19) T	Methyl tert-bu...	1.832	2.073	1.960	2.097	2.076	1.938	1.996	5.21
20) T	Methylene Chlo...	0.668	0.724	0.631	0.669	0.633	0.595	0.653	6.77
21) T	trans-1,2-Dich...	0.601	0.611	0.600	0.610	0.589	0.559	0.595	3.26
22) T	Diisopropyl ether	2.254	2.519	2.400	2.547	2.513	2.415	2.441	4.49
23) T	Vinyl Acetate	1.630	1.939	1.866	2.086	2.064	1.963	1.925	8.61
24) P	1,1-Dichloroet...	1.241	1.329	1.238	1.299	1.248	1.195	1.258	3.80
25) T	2-Butanone	0.487	0.489	0.476	0.498	0.511	0.486	0.491	2.47
26) T	2,2-Dichloropr...	1.008	1.081	1.012	1.095	1.082	1.045	1.054	3.62
27) T	cis-1,2-Dichlo...	0.664	0.753	0.680	0.726	0.713	0.677	0.702	4.87
28) T	Bromochloromet...	0.668	0.724	0.497	0.556	0.551	0.522	0.586	15.22
29) T	Tetrahydrofuran	0.290	0.325	0.312	0.328	0.331	0.306	0.315	5.05
30) C	Chloroform	1.170	1.291	1.157	1.245	1.196	1.150	1.202	4.65#
31) T	Cyclohexane		1.491	1.273	1.251	1.170	1.120	1.261	11.31
32) T	1,1,1-Trichlor...	1.013	1.086	1.048	1.125	1.095	1.031	1.066	4.00
33) S	1,2-Dichloroet...		0.913	0.746	0.758	0.788	0.744	0.790	8.99
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.330	0.294	0.298	0.312	0.304	0.308	4.71
36) T	1,1-Dichloropr...	0.528	0.513	0.484	0.526	0.529	0.515	0.516	3.28
37) T	Ethyl Acetate	0.528	0.597	0.548	0.599	0.619	0.573	0.577	5.97
38) T	Carbon Tetrach...	0.478	0.537	0.510	0.540	0.541	0.530	0.523	4.73
39) T	Methylcyclohexane	0.498	0.585	0.535	0.581	0.602	0.591	0.565	7.09
40) TM	Benzene	1.425	1.588	1.500	1.599	1.579	1.538	1.538	4.32
41) T	Methacrylonitrile	0.352	0.343	0.318	0.334	0.348	0.341	0.340	3.58
42) TM	1,2-Dichloroet...	0.562	0.612	0.587	0.614	0.600	0.574	0.592	3.50
43) T	Isopropyl Acetate	0.977	1.050	0.973	1.064	1.064	1.009	1.023	4.11
44) TM	Trichloroethene	0.355	0.367	0.333	0.350	0.352	0.339	0.349	3.44
45) C	1,2-Dichloropr...	0.389	0.393	0.392	0.411	0.405	0.391	0.397	2.25#
46) T	Dibromomethane	0.251	0.265	0.257	0.268	0.266	0.257	0.261	2.59
47) T	Bromodichlorom...	0.494	0.569	0.534	0.577	0.574	0.552	0.550	5.77
48) T	Methyl methacr...	0.452	0.492	0.466	0.495	0.518	0.500	0.487	4.94
49) T	1,4-Dioxane	0.006	0.007	0.007	0.007	0.007	0.007	0.007	7.86
50) S	Toluene-d8		1.299	1.083	1.110	1.216	1.187	1.179	7.32
51) T	4-Methyl-2-Pen...	0.513	0.582	0.566	0.608	0.624	0.594	0.581	6.66
52) CM	Toluene	0.821	0.934	0.871	0.970	0.977	0.965	0.923	6.88#
53) T	t-1,3-Dichloro...	0.505	0.558	0.527	0.595	0.619	0.609	0.569	8.15
54) T	cis-1,3-Dichlo...	0.495	0.616	0.591	0.633	0.644	0.635	0.602	9.30
55) T	1,1,2-Trichlor...	0.296	0.367	0.329	0.340	0.342	0.339	0.335	6.94
56) T	Ethyl methacry...	0.465	0.553	0.537	0.607	0.637	0.618	0.570	11.29

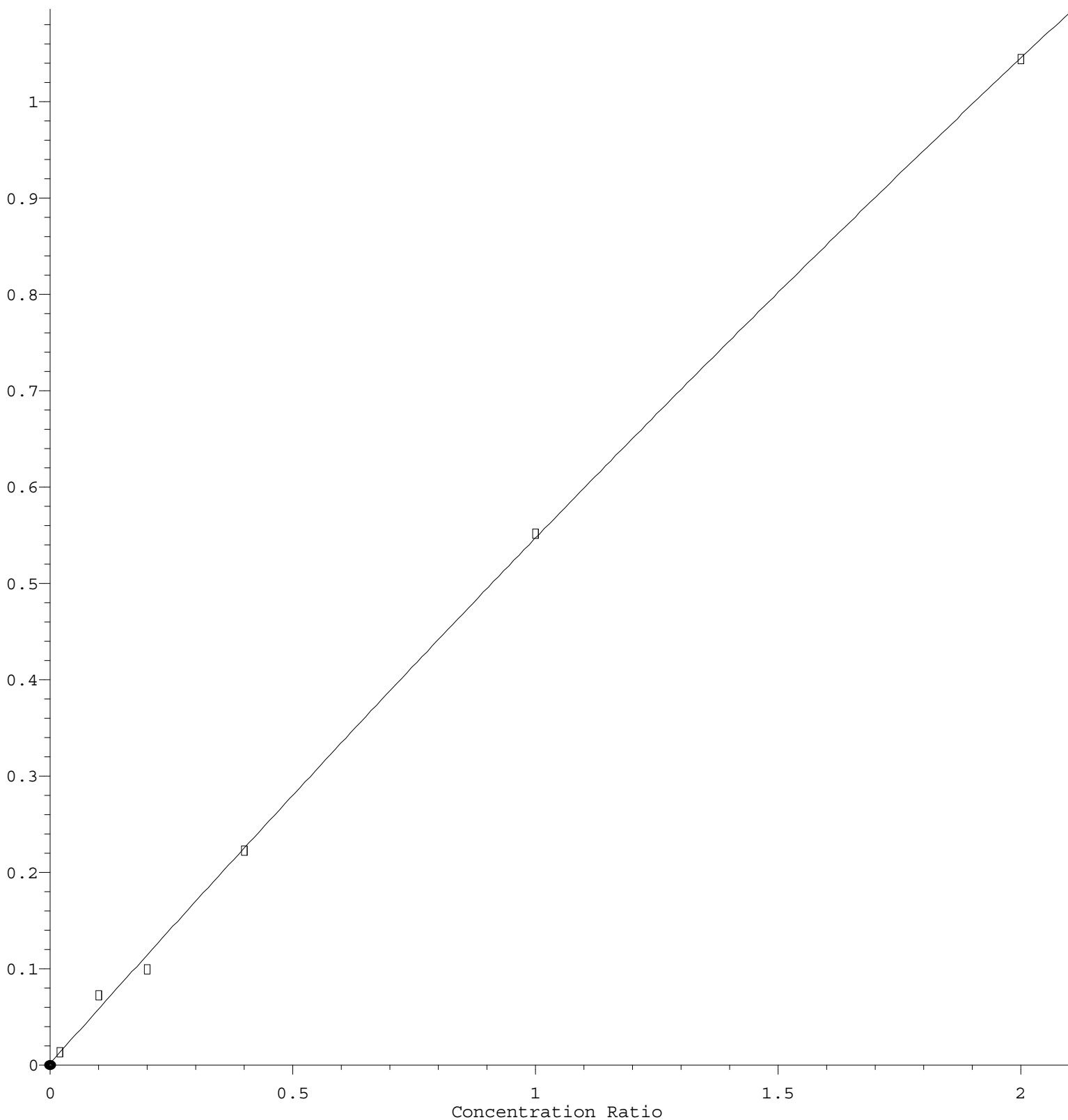
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N051524W.M

57)	T	1,3-Dichloropr...	0.638	0.631	0.593	0.641	0.642	0.619	0.627	3.02
58)	T	2-Chloroethyl ...	0.250	0.298	0.283	0.314	0.321	0.298	0.294	8.64
59)	T	2-Hexanone	0.354	0.412	0.410	0.450	0.472	0.454	0.426	10.04
60)	T	Dibromochlorom...	0.307	0.358	0.351	0.394	0.410	0.401	0.370	10.50
61)	T	1,2-Dibromoethane	0.335	0.350	0.325	0.359	0.354	0.344	0.345	3.65
62)	S	4-Bromofluorob...	0.445	0.383	0.395	0.442	0.440	0.421		7.07
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.362	0.394	0.366	0.379	0.367	0.356	0.371	3.71
65)	PM	Chlorobenzene	1.133	1.138	1.059	1.107	1.115	1.075	1.105	2.86
66)	T	1,1,1,2-Tetrac...	0.312	0.376	0.354	0.384	0.380	0.376	0.364	7.50
67)	C	Ethyl Benzene	1.784	2.007	1.889	2.045	2.070	2.061	1.976	5.82#
68)	T	m/p-Xylenes	0.647	0.721	0.698	0.751	0.770	0.758	0.724	6.36
69)	T	o-Xylene	0.624	0.699	0.675	0.723	0.745	0.744	0.701	6.66
70)	T	Styrene	1.019	1.121	1.087	1.227	1.265	1.271	1.165	8.96
71)	P	Bromoform	0.184	0.263	0.259	0.281	0.290	0.291	0.261	15.45
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.565	4.122	3.899	4.146	4.129	3.972	3.972	5.61
74)	T	N-amyl acetate	2.168	2.201	2.118	2.229	2.260	2.134	2.185	2.52
75)	P	1,1,2,2-Tetrac...	1.226	1.190	1.109	1.165	1.136	1.043	1.145	5.63
76)	T	1,2,3-Trichlor...	0.993	1.017	1.085	1.138	1.082	0.999	1.052	5.53
77)	T	Bromobenzene	0.982	0.995	0.888	0.968	0.946	0.900	0.947	4.66
78)	T	n-propylbenzene	4.114	4.804	4.562	4.924	5.005	4.813	4.704	6.92
79)	T	2-Chlorotoluene	2.922	3.006	2.880	3.049	2.993	2.871	2.954	2.47
80)	T	1,3,5-Trimethy...	2.690	3.201	3.206	3.429	3.452	3.295	3.212	8.63
81)	T	trans-1,4-Dich...	0.443	0.445	0.452	0.464	0.445	0.450		1.94
82)	T	4-Chlorotoluene	2.756	2.908	2.782	3.024	2.968	2.889	2.888	3.60
83)	T	tert-Butylbenzene	2.541	2.905	2.757	2.900	2.935	2.822	2.810	5.23
84)	T	1,2,4-Trimethy...	2.933	3.288	3.145	3.481	3.516	3.353	3.286	6.67
85)	T	sec-Butylbenzene	3.466	3.949	3.738	4.072	4.139	4.005	3.895	6.44
86)	T	p-Isopropyltol...	2.723	3.108	2.999	3.345	3.444	3.373	3.165	8.70
87)	T	1,3-Dichlorobe...	1.720	1.755	1.633	1.756	1.750	1.676	1.715	2.96
88)	T	1,4-Dichlorobe...	1.823	1.793	1.700	1.783	1.738	1.665	1.750	3.44
89)	T	n-Butylbenzene	2.460	2.789	2.650	2.987	3.099	3.084	2.845	9.04
90)	T	Hexachloroethane	0.517	0.600	0.548	0.625	0.623	0.606	0.586	7.47
91)	T	1,2-Dichlorobe...	1.504	1.716	1.580	1.682	1.671	1.587	1.623	4.91
92)	T	1,2-Dibromo-3-...	0.207	0.245	0.229	0.238	0.255	0.237	0.235	6.93
93)	T	1,2,4-Trichlor...	0.896	0.883	0.858	0.920	0.963	0.939	0.910	4.21
94)	T	Hexachlorobuta...	0.419	0.413	0.398	0.400	0.398	0.368	0.399	4.41
95)	T	Naphthalene	2.613	2.662	2.704	2.976	3.126	3.029	2.852	7.63
96)	T	1,2,3-Trichlor...	0.919	0.923	0.861	0.917	0.931	0.915	0.911	2.77

(#) = Out of Range

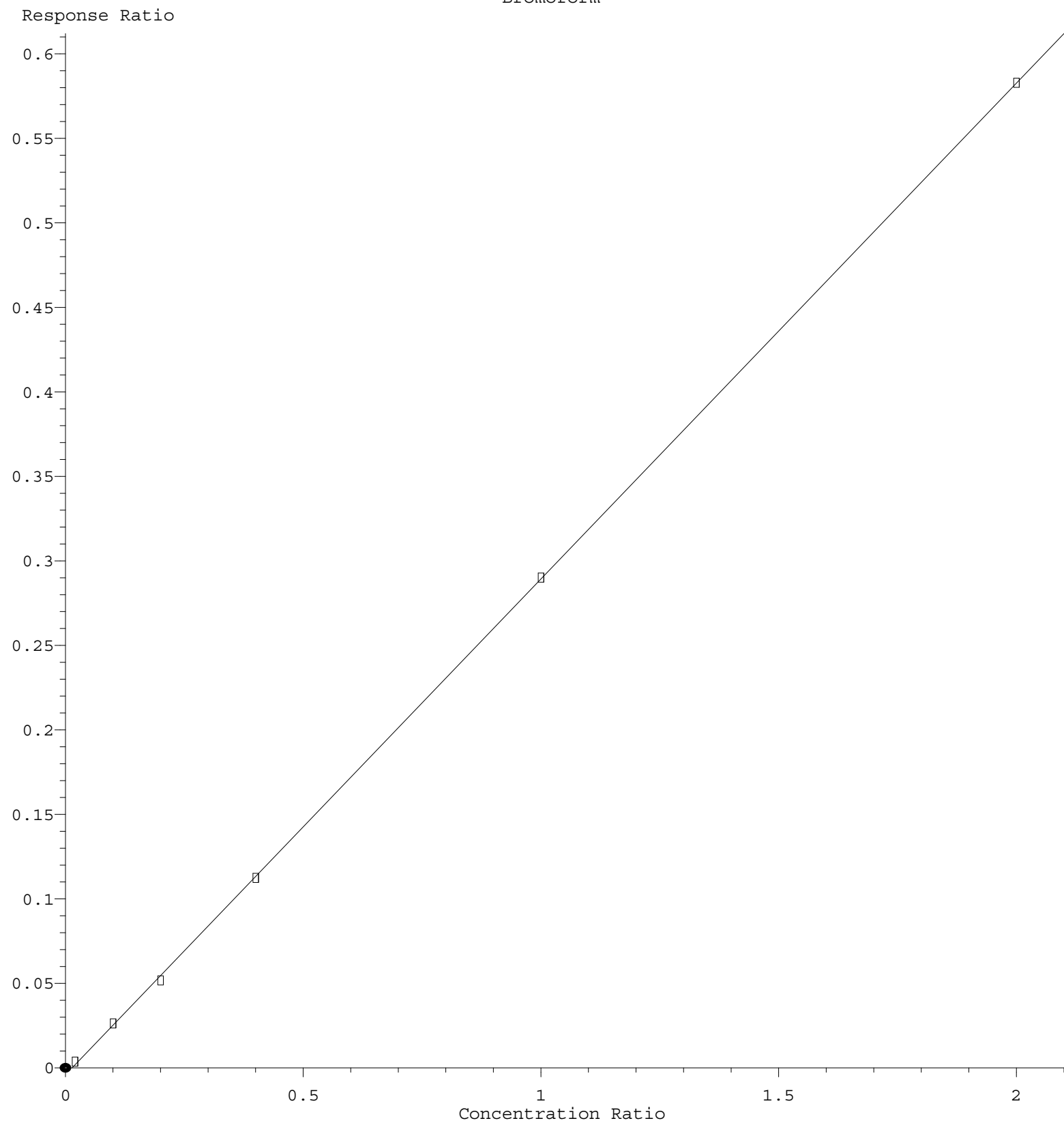
Bromochloromethane

Response Ratio



$R = -2.349e-002 A^2 + 5.687e-001 A + 1.714e-003$
 Coef of Det (r^2) = 0.999421 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N051524W.M
 Calibration Table Last Updated: Thu May 16 05:21:06 2024

Bromoform



Response = 2.935e-001 * Amt - 4.115e-003
 Coef of Det (r^2) = 0.999943 Curve Fit: Linear
 Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N051524W.M
 Calibration Table Last Updated: Thu May 16 05:21:06 2024