

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : 82V070225W.M
 Title : SW846 8260
 Last Update : Thu Jul 03 02:44:44 2025
 Response Via : Initial Calibration

Calibration Files

1 =VV038832.D 5 =VV038833.D 20 =VV038834.D 50 =VV038835.D 100 =VV038836.D 150 =VV038837.D

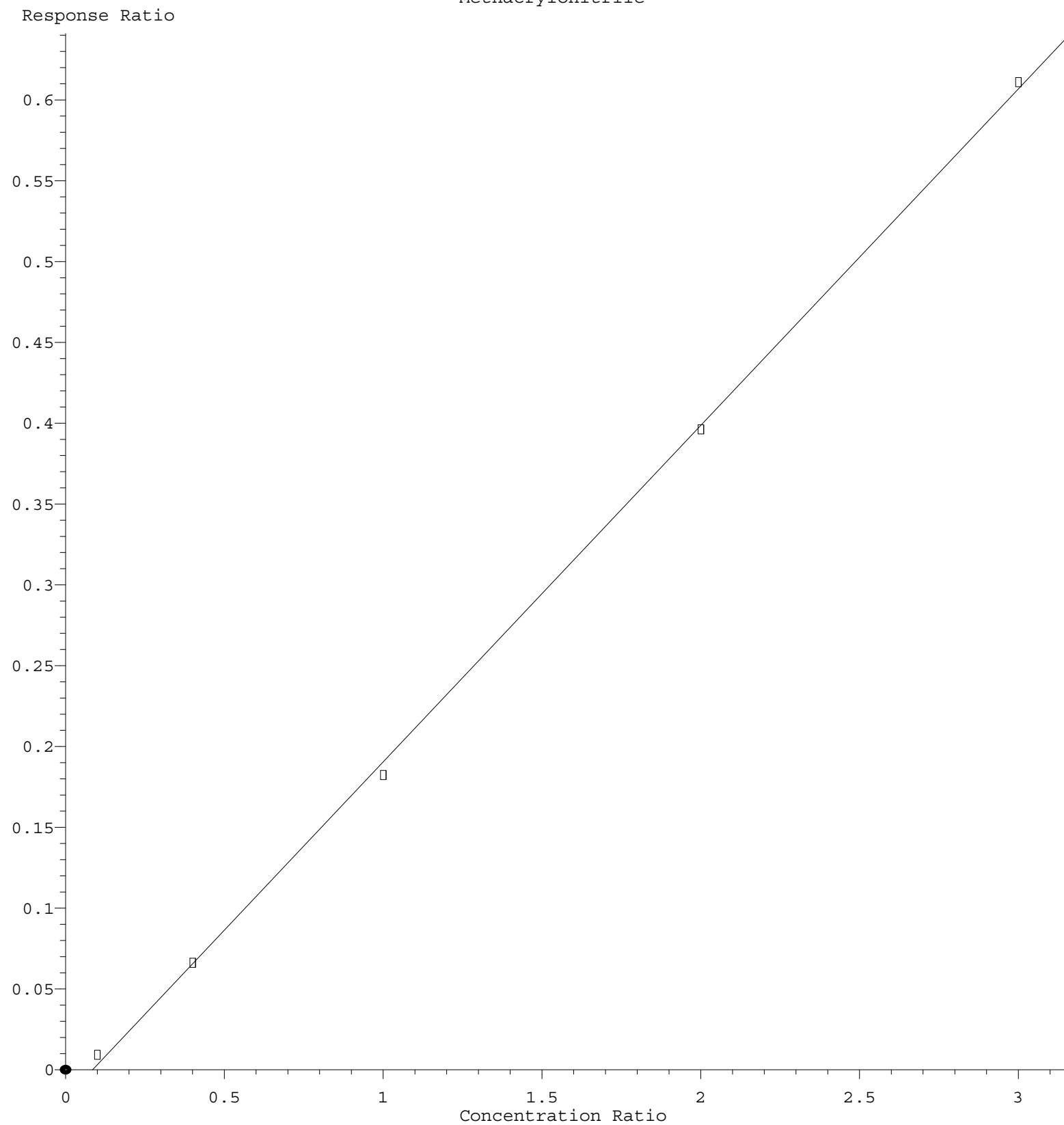
	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.535	0.492	0.471	0.449	0.460	0.441	0.475	7.23
3) P	Chloromethane	0.812	0.637	0.526	0.499	0.521	0.500	0.582	21.26
4) C	Vinyl Chloride	0.584	0.588	0.520	0.505	0.538	0.515	0.542	6.60#
5) T	Bromomethane		0.410	0.336	0.305	0.307	0.294	0.330	14.29
6) T	Chloroethane	0.403	0.409	0.353	0.332	0.348	0.333	0.363	9.50
7) T	Trichlorofluor...	1.063	1.072	0.950	0.877	0.911	0.877	0.958	9.28
8) T	Diethyl Ether	0.391	0.345	0.329	0.296	0.324	0.316	0.333	9.73
9) T	1,1,2-Trichlor...	0.575	0.589	0.537	0.507	0.528	0.515	0.542	6.09
10) T	Methyl Iodide		0.608	0.652	0.673	0.756	0.748	0.687	9.25
11) T	Tert butyl alc...		0.071	0.071	0.069	0.077	0.078	0.073	5.30
12) CM	1,1-Dichloroet...	0.606	0.570	0.489	0.462	0.488	0.476	0.515	11.31#
13) T	Acrolein		0.019	0.017	0.017	0.019	0.019	0.018	6.56
14) T	Allyl chloride	0.667	0.738	0.651	0.663	0.713	0.722	0.692	5.25
15) T	Acrylonitrile	0.212	0.257	0.265	0.258	0.276	0.268	0.256	8.84
16) T	Acetone	0.198	0.185	0.186	0.179	0.191	0.181	0.187	3.59
17) T	Carbon Disulfide	1.350	1.381	1.153	1.067	1.114	1.092	1.193	11.49
18) T	Methyl Acetate	0.672	0.528	0.633	0.633	0.686	0.669	0.637	9.03
19) T	Methyl tert-bu...	1.429	1.503	1.624	1.597	1.708	1.690	1.592	6.80
20) T	Methylene Chlo...	0.778	0.702	0.587	0.536	0.557	0.543	0.617	16.13
21) T	trans-1,2-Dich...	0.519	0.557	0.513	0.493	0.513	0.494	0.515	4.49
22) T	Diisopropyl ether	1.082	1.368	1.521	1.472	1.549	1.526	1.420	12.52
23) T	Vinyl Acetate	0.667	0.953	1.055	1.097	1.192	1.178	1.024	19.07
24) P	1,1-Dichloroet...	0.994	1.036	0.963	0.897	0.935	0.918	0.957	5.39
25) T	2-Butanone	0.272	0.227	0.280	0.280	0.302	0.295	0.276	9.55
26) T	2,2-Dichloropr...	0.929	0.922	0.891	0.836	0.884	0.861	0.887	4.00
27) T	cis-1,2-Dichlo...	0.574	0.596	0.605	0.589	0.622	0.615	0.600	2.90
28) T	Bromochloromet...	0.474	0.434	0.417	0.375	0.385	0.369	0.409	9.93
29) T	Tetrahydrofuran	0.167	0.167	0.192	0.191	0.206	0.198	0.187	8.80
30) C	Chloroform	0.992	1.163	1.086	1.007	1.021	0.987	1.043	6.61#
31) T	Cyclohexane		0.924	0.732	0.686	0.729	0.718	0.758	12.47
32) T	1,1,1-Trichlor...	1.074	1.016	0.960	0.910	0.938	0.908	0.968	6.76
33) S	1,2-Dichloroet...		0.636	0.573	0.528	0.539	0.526	0.560	8.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.335	0.324	0.308	0.313	0.305	0.317	3.94
36) T	1,1-Dichloropr...	0.277	0.404	0.413	0.392	0.411	0.410	0.384	13.84
37) T	Ethyl Acetate	0.369	0.476	0.373	0.351	0.392	0.392	0.392	11.19
38) T	Carbon Tetrach...	0.480	0.536	0.520	0.502	0.505	0.492	0.506	3.95
39) T	Methylcyclohexane	0.459	0.489	0.487	0.495	0.538	0.546	0.502	6.61
40) TM	Benzene	1.178	1.289	1.319	1.267	1.290	1.270	1.269	3.81
41) T	Methacrylonitrile		0.092	0.165	0.182	0.198	0.204	0.168	26.71
42) TM	1,2-Dichloroet...	0.413	0.446	0.478	0.457	0.457	0.444	0.449	4.76
43) T	Isopropyl Acetate	0.571	0.623	0.601	0.627	0.664	0.669	0.626	5.97
44) TM	Trichloroethene	0.304	0.332	0.347	0.327	0.339	0.336	0.331	4.45
45) C	1,2-Dichloropr...	0.331	0.316	0.308	0.318	0.321	0.318	0.319	2.38#
46) T	Dibromomethane	0.251	0.262	0.258	0.244	0.250	0.244	0.251	2.87
47) T	Bromodichlorom...	0.552	0.542	0.547	0.525	0.519	0.509	0.532	3.20
48) T	Methyl methacr...	0.277	0.299	0.263	0.299	0.324	0.324	0.297	8.22
49) T	1,4-Dioxane		0.004	0.004	0.004	0.004	0.004	0.004	7.49
50) S	Toluene-d8		1.121	1.037	0.981	1.005	0.979	1.025	5.74
51) T	4-Methyl-2-Pen...	0.311	0.365	0.427	0.420	0.430	0.416	0.395	12.04
52) CM	Toluene	0.579	0.799	0.864	0.831	0.849	0.835	0.793	13.48#
53) T	t-1,3-Dichloro...	0.452	0.485	0.522	0.519	0.542	0.537	0.509	6.85
54) T	cis-1,3-Dichlo...	0.401	0.512	0.555	0.544	0.559	0.555	0.521	11.77
55) T	1,1,2-Trichlor...	0.313	0.364	0.368	0.354	0.348	0.333	0.347	5.91
56) T	Ethyl methacry...	0.324	0.385	0.464	0.494	0.533	0.537	0.456	18.75

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57)	T	1,3-Dichloropr...	0.499	0.538	0.577	0.556	0.561	0.546	0.546	4.89
58)	T	2-Chloroethyl ...	0.172	0.200	0.210	0.218	0.228	0.215	0.207	9.50
59)	T	2-Hexanone	0.253	0.218	0.291	0.296	0.309	0.302	0.278	12.65
60)	T	Dibromochlorom...	0.438	0.453	0.443	0.433	0.433	0.419	0.437	2.65
61)	T	1,2-Dibromoethane	0.300	0.364	0.387	0.368	0.373	0.361	0.359	8.41
62)	S	4-Bromofluorob...	0.392	0.416	0.413	0.430	0.419	0.414		3.34
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.351	0.337	0.319	0.308	0.309	0.306	0.322	5.74
65)	PM	Chlorobenzene	1.058	1.074	1.072	1.031	1.050	1.037	1.054	1.66
66)	T	1,1,1,2-Tetrac...	0.393	0.406	0.405	0.389	0.390	0.379	0.393	2.65
67)	C	Ethyl Benzene	1.358	1.551	1.673	1.733	1.807	1.783	1.651	10.30#
68)	T	m/p-Xylenes	0.436	0.590	0.677	0.688	0.709	0.694	0.632	16.57
69)	T	o-Xylene	0.467	0.565	0.604	0.642	0.678	0.669	0.604	13.09
70)	T	Styrene	0.826	0.864	1.105	1.163	1.198	1.172	1.055	15.71
71)	P	Bromoform	0.283	0.322	0.328	0.327	0.333	0.326	0.320	5.76
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.387	2.735	3.004	3.064	3.192	3.224	2.934	10.90
74)	T	N-amyl acetate	0.908	0.835	0.991	1.045	1.165	1.218	1.027	14.31
75)	P	1,1,2,2-Tetrac...	1.093	1.143	1.078	1.013	1.030	1.025	1.064	4.72
76)	T	1,2,3-Trichlor...	0.776	0.841	0.750	0.763	0.758	0.755	0.774	4.44
77)	T	Bromobenzene	0.732	0.752	0.756	0.745	0.775	0.782	0.757	2.49
78)	T	n-propylbenzene	2.959	3.169	3.562	3.647	3.801	3.814	3.492	10.06
79)	T	2-Chlorotoluene	1.929	1.993	2.184	2.147	2.234	2.238	2.121	6.12
80)	T	1,3,5-Trimethy...	1.977	2.284	2.606	2.645	2.753	2.789	2.509	12.59
81)	T	trans-1,4-Dich...	0.332	0.346	0.354	0.389	0.396	0.363		7.66
82)	T	4-Chlorotoluene	1.875	2.340	2.529	2.565	2.670	2.690	2.445	12.51
83)	T	tert-Butylbenzene	2.234	2.421	2.576	2.654	2.841	2.888	2.602	9.57
84)	T	1,2,4-Trimethy...	1.895	2.132	2.545	2.633	2.758	2.792	2.459	14.81
85)	T	sec-Butylbenzene	2.667	3.027	3.375	3.462	3.672	3.674	3.313	11.96
86)	T	p-Isopropyltol...	2.324	2.612	2.890	2.947	3.136	3.133	2.840	11.21
87)	T	1,3-Dichlorobe...	1.477	1.553	1.565	1.519	1.553	1.567	1.539	2.25
88)	T	1,4-Dichlorobe...	1.737	1.634	1.634	1.550	1.585	1.589	1.622	4.01
89)	T	n-Butylbenzene	2.030	2.328	2.619	2.816	2.979	3.023	2.632	14.83
90)	T	Hexachloroethane	0.690	0.609	0.594	0.583	0.606	0.618	0.617	6.15
91)	T	1,2-Dichlorobe...	1.331	1.443	1.445	1.429	1.517	1.538	1.451	5.05
92)	T	1,2-Dibromo-3-...	0.204	0.237	0.216	0.218	0.234	0.241	0.225	6.47
93)	T	1,2,4-Trichlor...	0.781	0.798	0.921	0.962	1.070	1.110	0.940	14.42
94)	T	Hexachlorobuta...	0.481	0.439	0.448	0.429	0.463	0.464	0.454	4.19
95)	T	Naphthalene	2.432	2.323	2.796	3.198	3.573	3.625	2.991	18.79
96)	T	1,2,3-Trichlor...	0.862	0.815	0.962	0.998	1.081	1.104	0.970	11.93

(#) = Out of Range

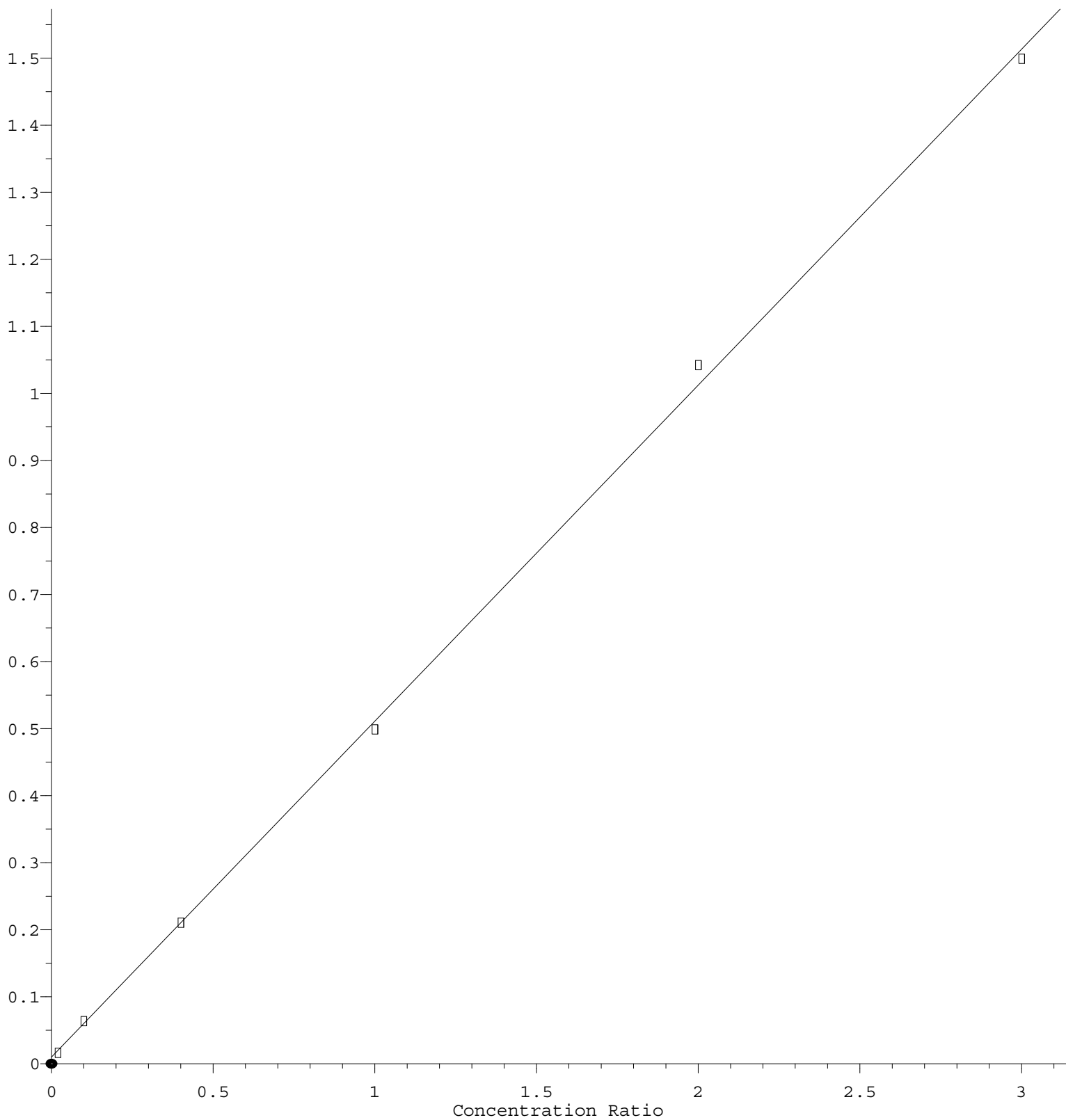
Methacrylonitrile



Response = $2.082 \times 10^{-1} \times \text{Amt} - 1.762 \times 10^{-2}$
Coef of Det (r^2) = 0.999485 Curve Fit: Linear
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Chloromethane

Response Ratio



$$\text{Response} = 5.013\text{e-}001 * \text{Amt} + 1.024\text{e-}002$$

Coef of Det (r^2) = 0.999283 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V070225W.M

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