

Method Path : Z:\voasrv\HPCHEM1\MSVOA_R\methods\
 Method File : 82R102225W.M
 Title : SW846 8260
 Last Update : Fri Oct 24 09:26:03 2025
 Response Via : Initial Calibration

Calibration Files

5 =VR026782.D 10 =VR026783.D 20 =VR026784.D 50 =VR026785.D 100 =VR026786.D

Compound		5	10	20	50	100	Avg	%RSD

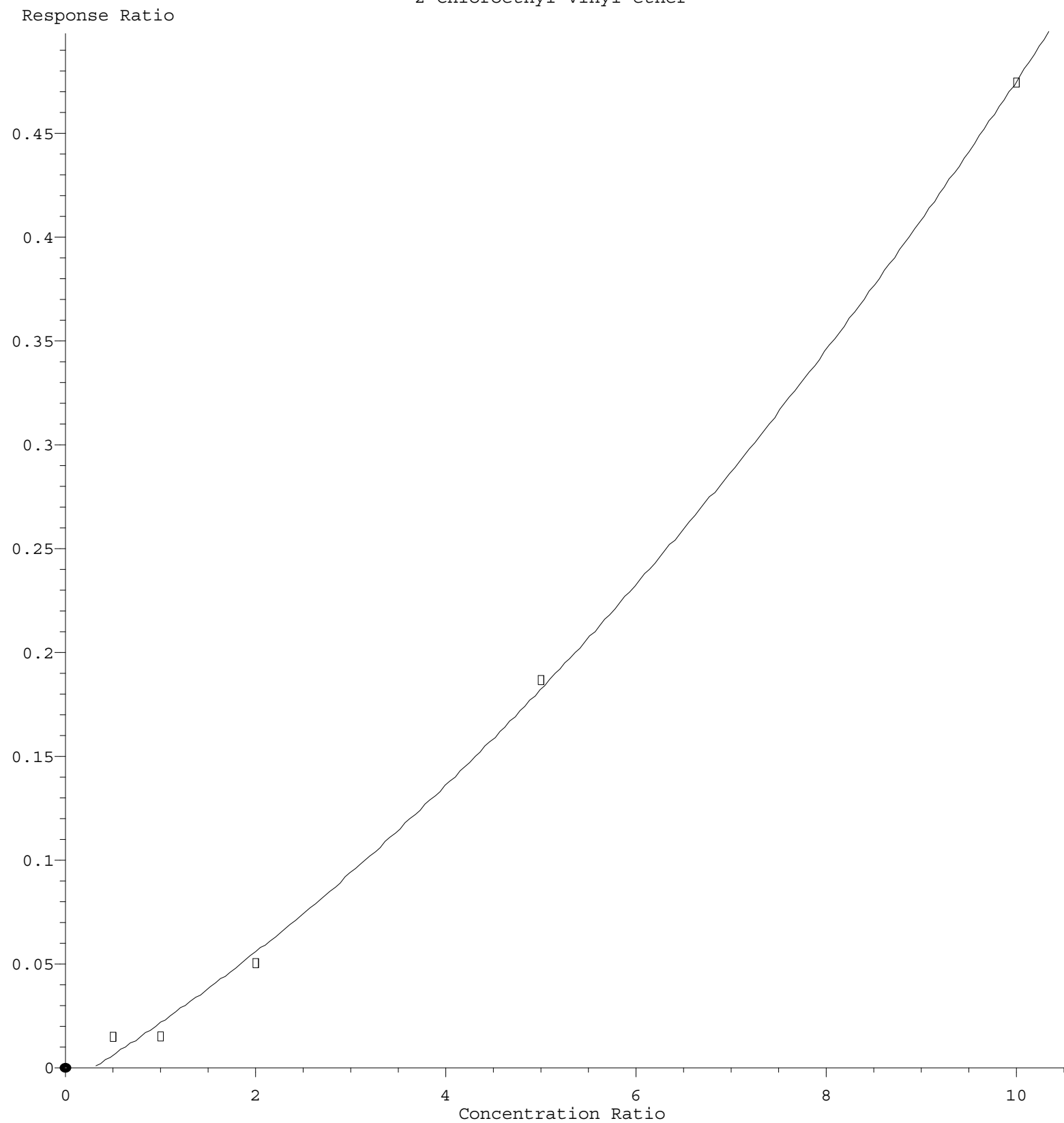
1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.356	0.375	0.349	0.385	0.407	0.374	6.24
3) P	Chloromethane	0.439	0.472	0.476	0.487	0.482	0.471	3.98
4) C	Vinyl Chloride	0.622	0.569	0.557	0.561	0.525	0.567	6.15#
5) T	Bromomethane	0.441	0.420	0.357	0.307	0.288	0.363	18.58
6) T	Chloroethane	0.464	0.421	0.415	0.440	0.296	0.407	15.95
7) T	Trichlorofluorom...	0.753	0.811	0.755	0.746	0.789	0.771	3.62
8) T	Diethyl Ether	0.383	0.378	0.349	0.380	0.376	0.373	3.65
9) T	1,1,2-Trichlorot...	0.502	0.482	0.455	0.496	0.494	0.486	3.84
10) T	Methyl Iodide	0.476	0.472	0.549	0.636	0.642	0.555	14.90
11) T	Tert butyl alcohol	0.181	0.174	0.171	0.206	0.225	0.192	12.16
12) CM	1,1-Dichloroethene	0.539	0.476	0.446	0.481	0.480	0.484	6.94#
13) T	Acrolein	0.159	0.109	0.111	0.131	0.123	0.127	16.15
14) T	Allyl chloride	1.040	0.859	1.020	1.082	1.066	1.013	8.81
15) T	Acrylonitrile	0.402	0.399	0.419	0.455	0.442	0.423	5.84
16) T	Acetone	0.728	0.468	0.438	0.467	0.467	0.514	23.48
17) T	Carbon Disulfide	0.887	0.884	0.854	0.887	0.891	0.881	1.74
18) T	Methyl Acetate	0.933	1.403	1.418	1.508	1.452	1.343	17.31
19) T	Methyl tert-buty...	2.078	2.031	1.999	2.097	2.096	2.060	2.12
20) T	Methylene Chloride	0.626	0.618	0.587	0.600	0.603	0.607	2.55
21) T	trans-1,2-Dichlo...	0.484	0.519	0.471	0.495	0.494	0.493	3.55
22) T	Diisopropyl ether	2.120	2.226	2.125	2.209	2.151	2.166	2.24
23) T	Vinyl Acetate	1.570	1.423	1.433	1.429	1.274	1.426	7.36
24) P	1,1-Dichloroethane	1.158	1.090	1.075	1.108	1.080	1.102	3.04
25) T	2-Butanone	0.852	0.616	0.630	0.661	0.670	0.686	13.94
26) T	2,2-Dichloropropane	0.941	0.935	0.896	0.953	0.984	0.942	3.37
27) T	cis-1,2-Dichloro...	0.729	0.657	0.683	0.681	0.691	0.688	3.77
28) T	Bromochloromethane	0.357	0.467	0.553	0.547	0.566	0.498	17.65
29) T	Tetrahydrofuran	0.356	0.378	0.375	0.391	0.392	0.379	3.83
30) C	Chloroform	1.048	1.032	1.074	1.097	1.086	1.067	2.51#
31) T	Cyclohexane	1.059	0.955	0.866	0.866	0.861	0.922	9.38
32) T	1,1,1-Trichloroe...	0.867	0.878	0.850	0.915	0.906	0.883	3.05
33) S	1,2-Dichloroetha...	0.421	0.391	0.359	0.381	0.398	0.390	5.86
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.215	0.218	0.200	0.192	0.203	0.206	5.27
36) T	1,1-Dichloropropene	0.407	0.404	0.386	0.389	0.388	0.395	2.55
37) T	Ethyl Acetate	0.536	0.627	0.566	0.579	0.584	0.578	5.72
38) T	Carbon Tetrachlo...	0.328	0.387	0.365	0.373	0.387	0.368	6.55
39) T	Methylcyclohexane	0.514	0.503	0.477	0.489	0.499	0.496	2.81
40) TM	Benzene	1.288	1.366	1.341	1.308	1.310	1.322	2.31
41) T	Methacrylonitrile	0.369	0.335	0.308	0.348	0.345	0.341	6.53
42) TM	1,2-Dichloroethane	0.401	0.445	0.437	0.450	0.432	0.433	4.44
43) T	Isopropyl Acetate	0.945	0.929	0.971	0.996	1.002	0.969	3.26
44) TM	Trichloroethene	0.326	0.322	0.303	0.309	0.319	0.316	2.98
45) C	1,2-Dichloropropane	0.360	0.335	0.339	0.337	0.355	0.345	3.37#
46) T	Dibromomethane	0.230	0.226	0.228	0.231	0.231	0.229	0.94
47) T	Bromodichloromet...	0.466	0.454	0.488	0.485	0.492	0.477	3.38
48) T	Methyl methacrylate	0.428	0.428	0.456	0.466	0.497	0.455	6.34
49) T	1,4-Dioxane	0.009	0.010	0.009	0.010	0.012	0.010	11.89
50) S	Toluene-d8	0.646	0.584	0.536	0.537	0.563	0.573	7.94
51) T	4-Methyl-2-Penta...	0.651	0.635	0.643	0.653	0.594	0.635	3.78
52) CM	Toluene	0.908	0.890	0.886	0.875	0.896	0.891	1.35#
53) T	t-1,3-Dichloropr...	0.529	0.515	0.524	0.560	0.593	0.544	5.92
54) T	cis-1,3-Dichloro...	0.575	0.543	0.548	0.580	0.585	0.566	3.44
55) T	1,1,2-Trichloroe...	0.356	0.358	0.347	0.360	0.379	0.360	3.20
56) T	Ethyl methacrylate	0.641	0.651	0.624	0.669	0.747	0.666	7.21

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57)	T	1,3-Dichloropropane	0.592	0.597	0.595	0.598	0.637	0.604	3.07
58)	T	2-Chloroethyl Vi...	0.030	0.015	0.025	0.037	0.047	0.031	39.42
59)	T	2-Hexanone	0.643	0.517	0.519	0.568	0.529	0.555	9.57
60)	T	Dibromochloromet...	0.347	0.342	0.362	0.373	0.416	0.368	8.05
61)	T	1,2-Dibromoethane	0.358	0.357	0.351	0.353	0.372	0.358	2.37
62)	S	4-Bromofluoroben...	0.386	0.365	0.351	0.350	0.436	0.378	9.47
-----ISTD-----									
63)	I	Chlorobenzene-d5							
64)	T	Tetrachloroethene	0.275	0.269	0.255	0.264	0.249	0.263	3.94
65)	PM	Chlorobenzene	1.170	1.139	1.087	1.098	1.068	1.113	3.73
66)	T	1,1,1,2-Tetrachl...	0.341	0.353	0.328	0.345	0.348	0.343	2.73
67)	C	Ethyl Benzene	1.998	1.887	1.804	1.872	1.749	1.862	5.03#
68)	T	m/p-Xylenes	0.787	0.740	0.698	0.736	0.693	0.731	5.20
69)	T	o-Xylene	0.760	0.713	0.710	0.746	0.733	0.732	2.90
70)	T	Styrene	1.367	1.341	1.274	1.354	1.362	1.340	2.84
71)	P	Bromoform	0.252	0.264	0.266	0.296	0.337	0.283	12.06
-----ISTD-----									
72)	I	1,4-Dichlorobenzen...							
73)	T	Isopropylbenzene	3.068	2.915	2.937	2.927	2.757	2.921	3.79
74)	T	N-amyl acetate	1.680	1.563	1.546	1.620	1.733	1.628	4.82
75)	P	1,1,2,2-Tetrachl...	1.054	0.975	1.026	1.121	1.225	1.080	8.95
76)	T	1,2,3-Trichlorop...	0.862	0.723	0.891	0.974	1.072	0.905	14.42
77)	T	Bromobenzene	0.719	0.678	0.706	0.711	0.752	0.713	3.74
78)	T	n-propylbenzene	3.692	3.719	3.655	3.576	3.381	3.605	3.77
79)	T	2-Chlorotoluene	2.122	2.079	2.118	2.158	2.280	2.151	3.59
80)	T	1,3,5-Trimethylb...	2.570	2.511	2.549	2.573	2.618	2.564	1.52
81)	T	trans-1,4-Dichlo...	0.355	0.344	0.389	0.403	0.448	0.388	10.76
82)	T	4-Chlorotoluene	2.179	2.196	2.245	2.258	2.413	2.258	4.09
83)	T	tert-Butylbenzene	2.580	2.353	2.359	2.374	2.497	2.433	4.16
84)	T	1,2,4-Trimethylb...	2.862	2.705	2.739	2.801	2.811	2.784	2.23
85)	T	sec-Butylbenzene	3.513	3.500	3.573	3.529	3.408	3.504	1.74
86)	T	p-Isopropyltoluene	3.006	3.046	3.046	3.061	3.042	3.040	0.67
87)	T	1,3-Dichlorobenzene	1.632	1.610	1.604	1.602	1.663	1.622	1.59
88)	T	1,4-Dichlorobenzene	1.776	1.601	1.647	1.671	1.725	1.684	4.05
89)	T	n-Butylbenzene	2.844	2.918	2.951	3.100	3.061	2.975	3.53
90)	T	Hexachloroethane	0.416	0.460	0.467	0.508	0.610	0.492	14.92
91)	T	1,2-Dichlorobenzene	1.732	1.619	1.595	1.698	1.670	1.663	3.38
92)	T	1,2-Dibromo-3-Ch...	0.256	0.217	0.236	0.267	0.267	0.248	8.70
93)	T	1,2,4-Trichlorob...	0.899	0.952	1.079	1.179	1.162	1.054	11.85
94)	T	Hexachlorobutadiene	0.378	0.357	0.356	0.380	0.402	0.375	5.03
95)	T	Naphthalene	2.654	3.033	3.421	3.790	3.630	3.306	13.96
96)	T	1,2,3-Trichlorob...	0.904	0.964	1.046	1.152	1.126	1.038	10.12

(#) = Out of Range

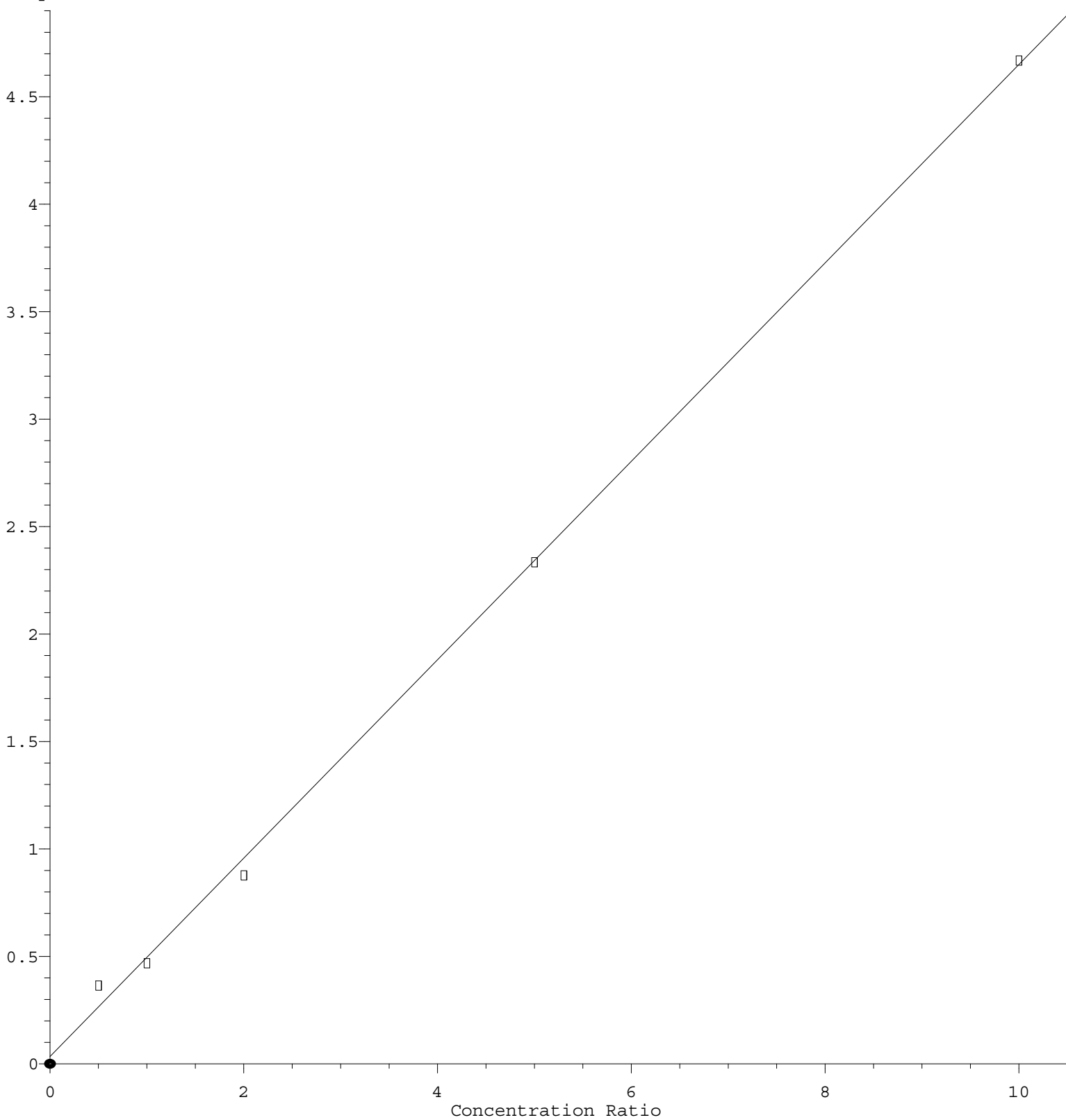
2-Chloroethyl Vinyl ether



$R = 2.041e-003 A^2 + 2.792e-002 A - 8.193e-003$
 Coef of Det (r^2) = 0.998913 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA R\methods\82R102225W.M
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Acetone

Response Ratio



$$\text{Response} = 4.616\text{e-}001 * \text{Amt} + 3.445\text{e-}002$$

Coef of Det (r^2) = 0.998674 Curve Fit: Linear

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