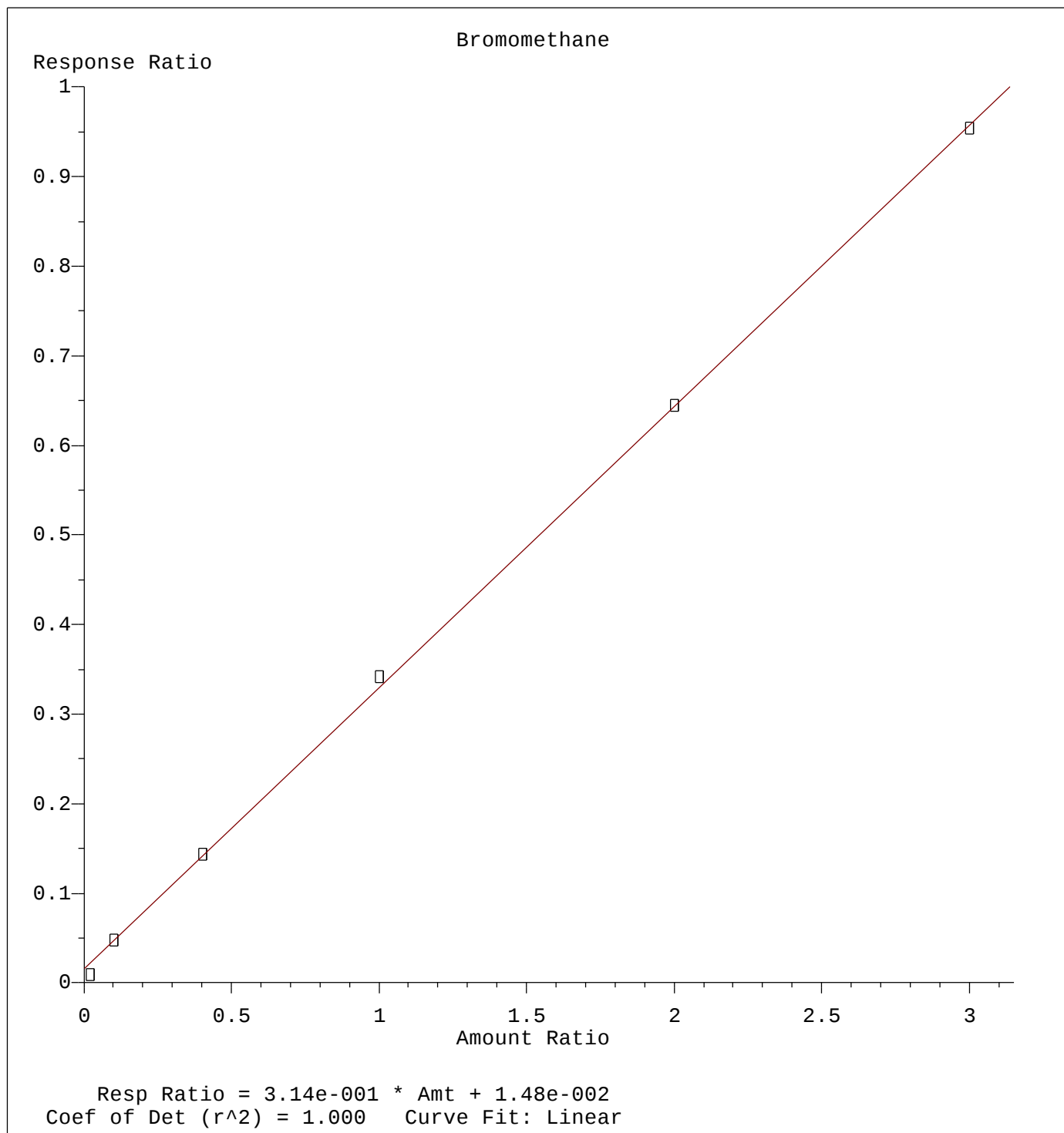
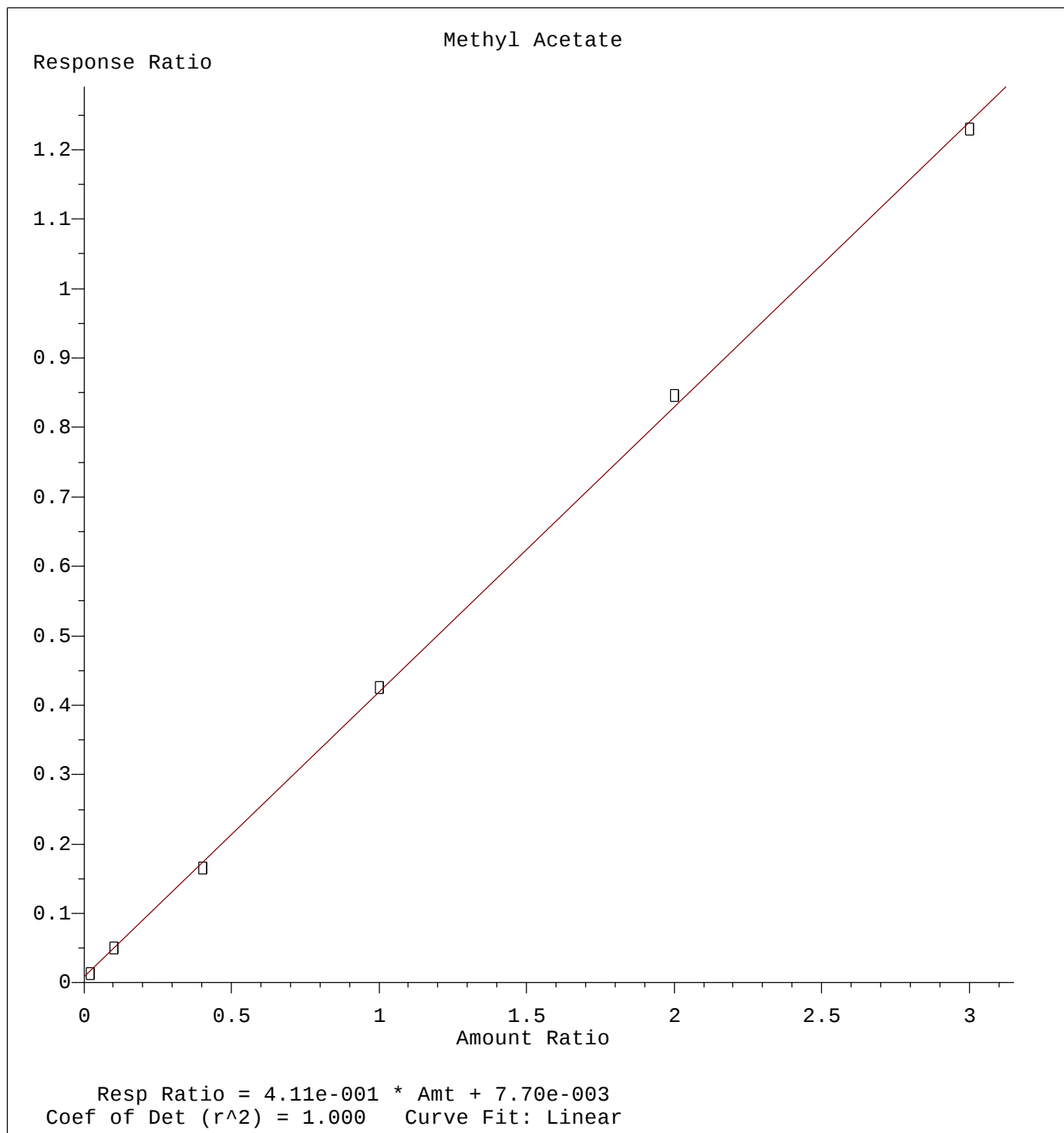
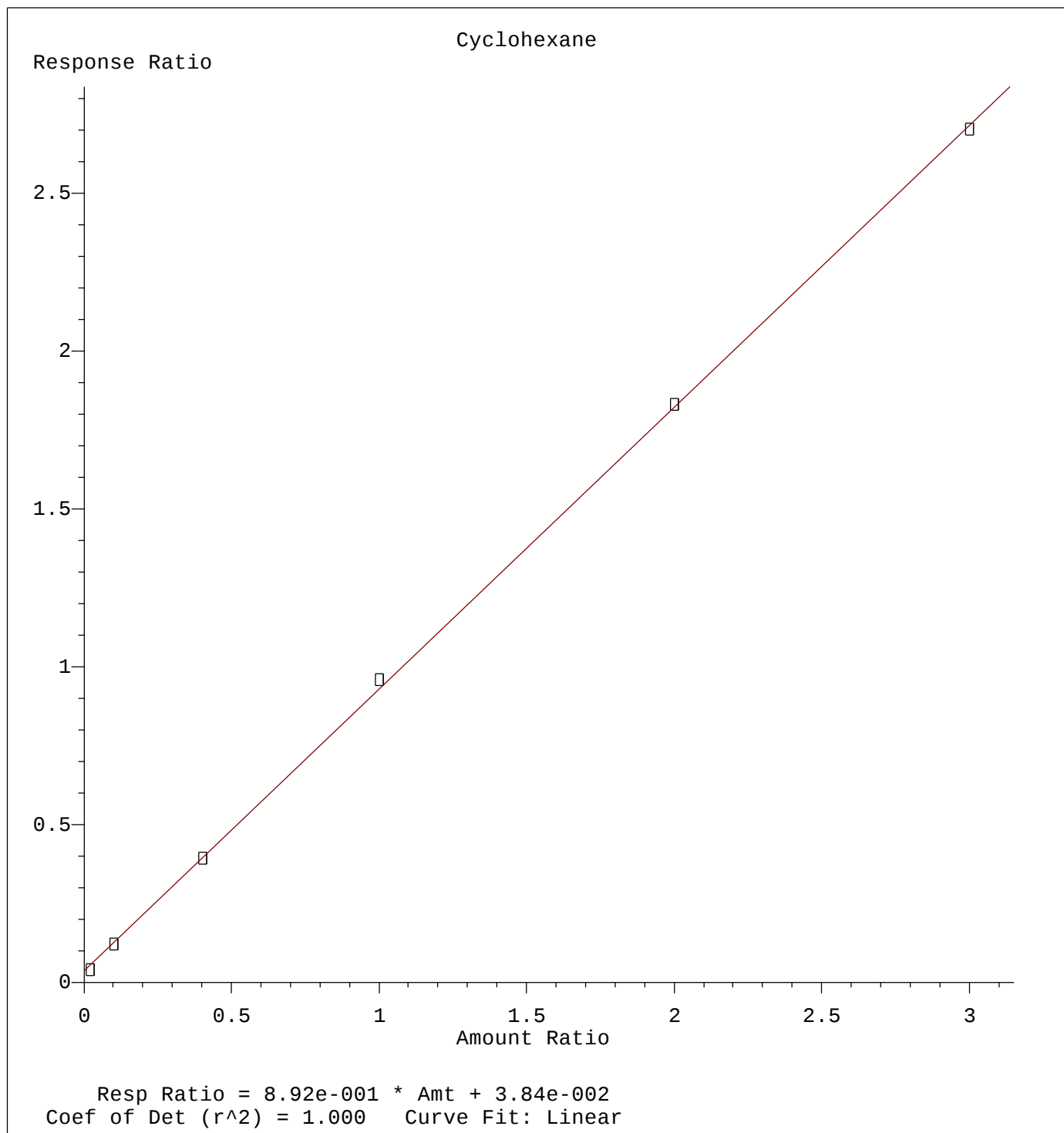




Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019



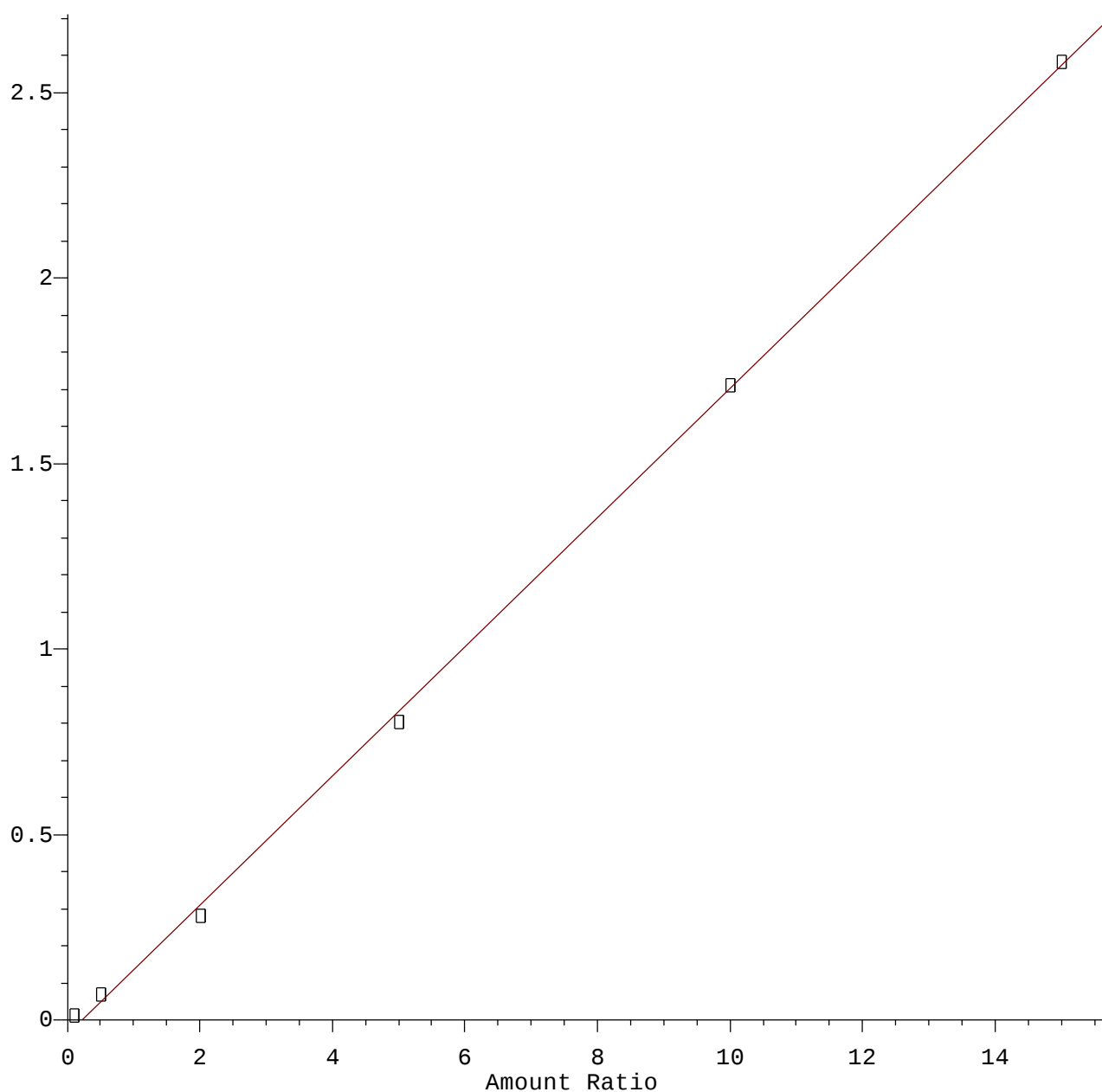
Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019



Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019

2-Chloroethyl Vinyl ether

Response Ratio

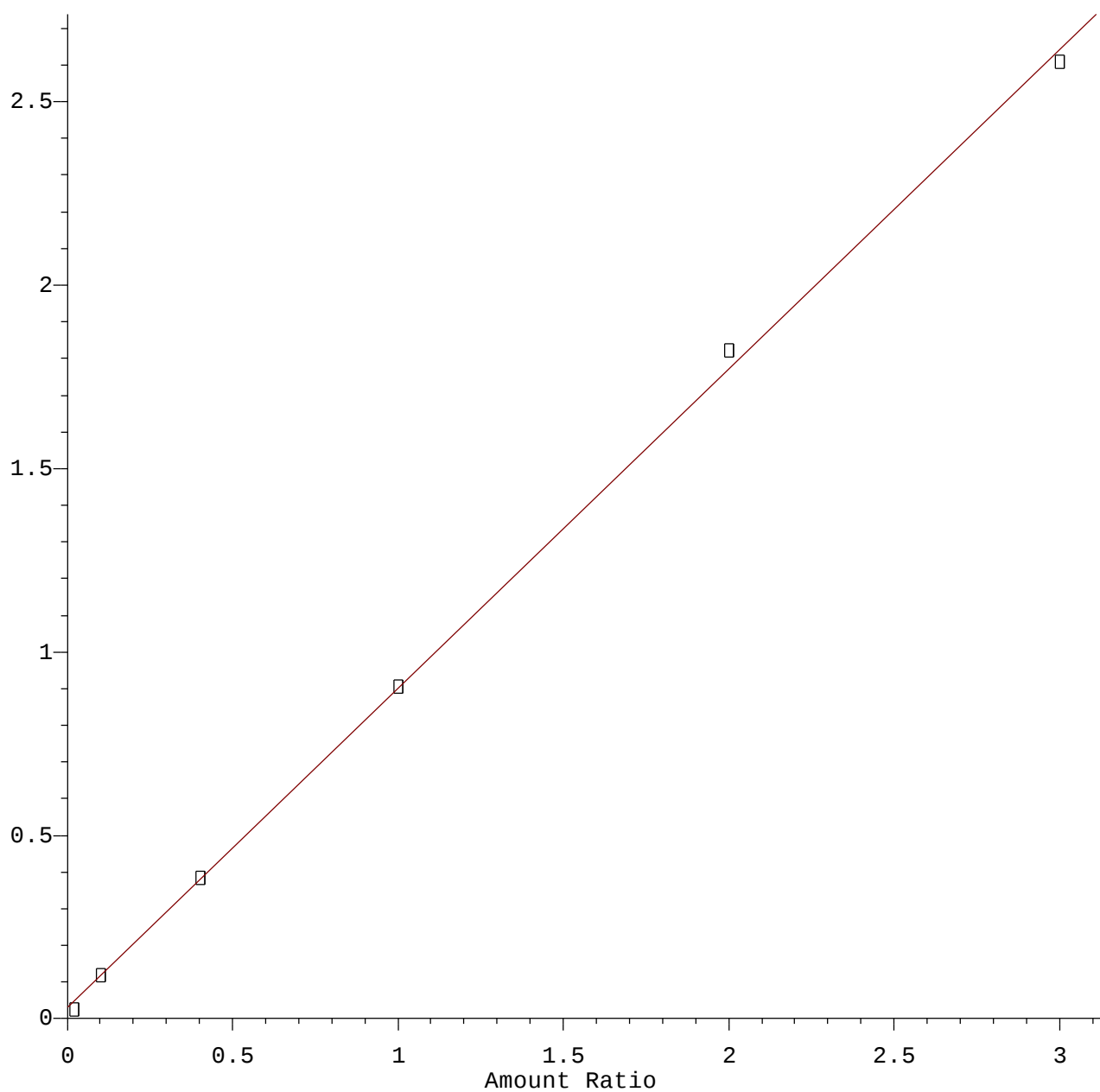


Resp Ratio = $1.74 \times 10^{-1} \times \text{Amt} - 3.60 \times 10^{-2}$
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019

1,1,2,2-Tetrachloroethane

Response Ratio

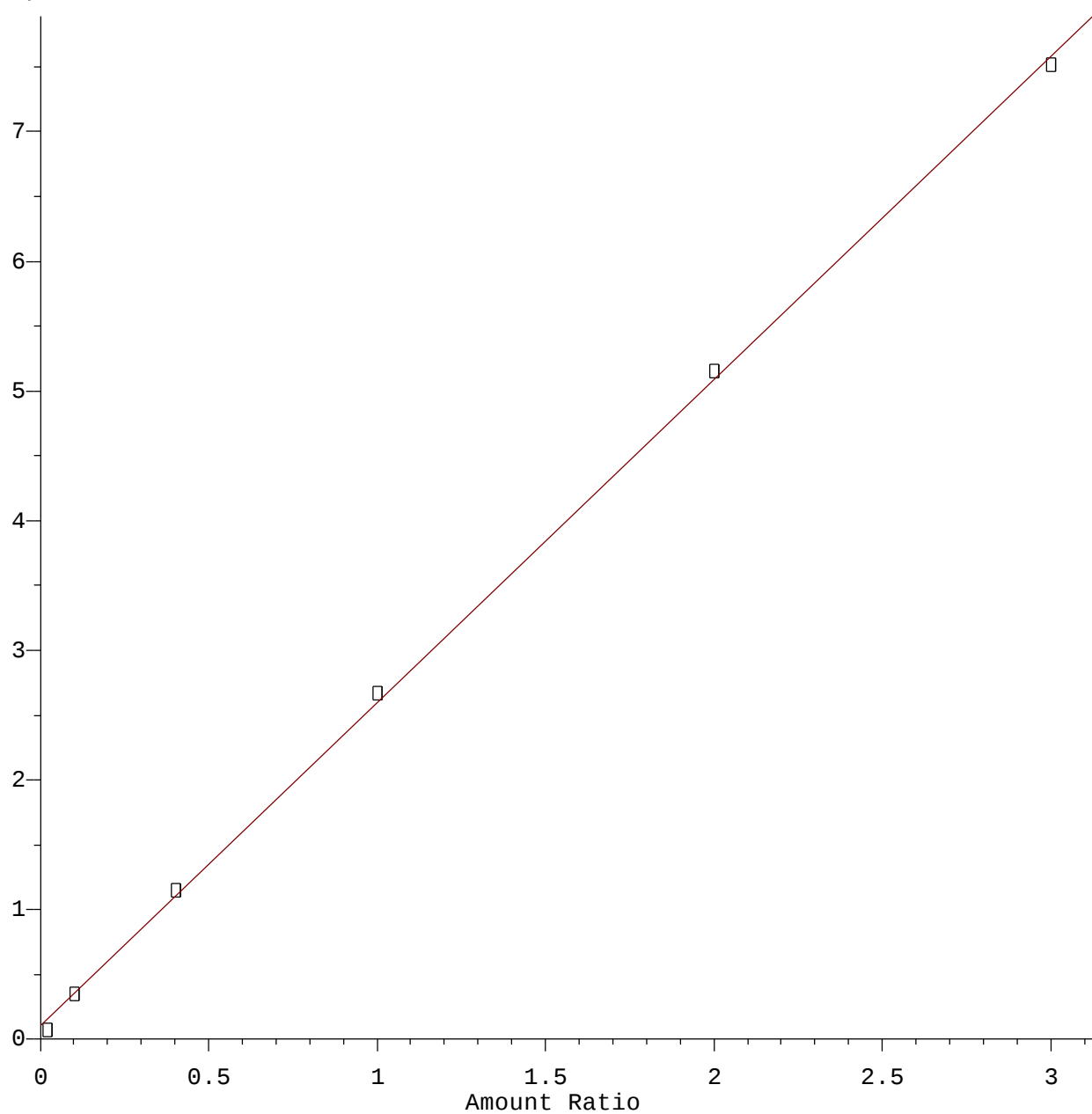


Resp Ratio = $8.70 \times 10^{-1} \times \text{Amt} + 3.09 \times 10^{-2}$
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019

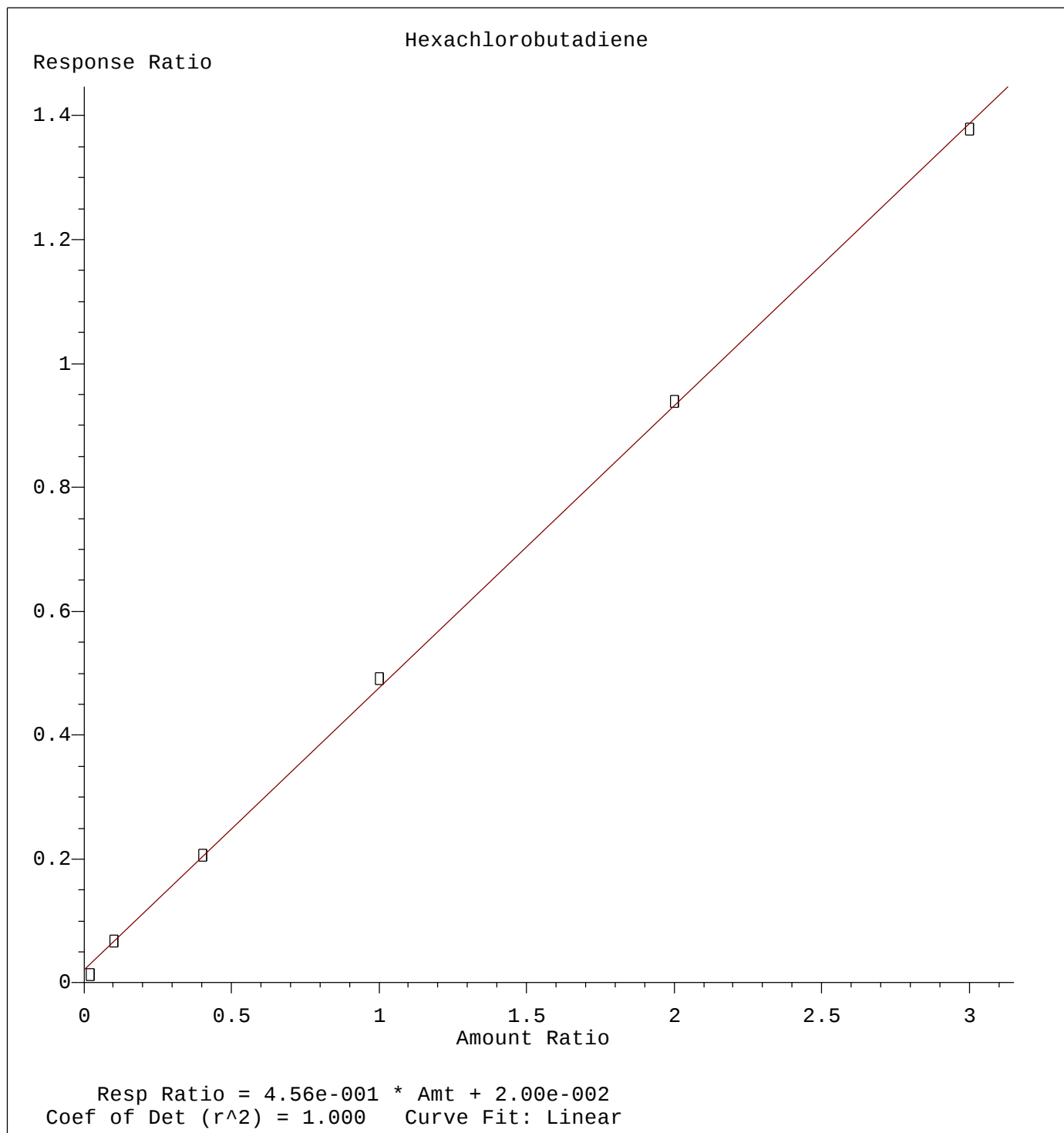
tert-Butylbenzene

Response Ratio



Resp Ratio = 2.49e+000 * Amt + 1.08e-001
Coef of Det (r^2) = 0.999 Curve Fit: Linear

Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019



Method Name: Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Calibration Table Last Updated: Tue Apr 02 07:50:56 2019

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N032919W.M
 Title : SW846 8260
 Last Update : Sat Mar 30 00:48:18 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054759.D 5 =VN054766.D 20 =VN054761.D
 50 =VN054762.D 100 =VN054763.D 150 =VN054764.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.570	0.594	0.494	0.475	0.455	0.447	0.506	12.20
3) P	Chloromethane	0.763	0.813	0.675	0.668	0.649	0.627	0.699	10.40
4) C	Vinyl Chloride	0.708	0.723	0.619	0.596	0.567	0.554	0.628	11.44#
5) T	Bromomethane	0.462	0.475	0.358	0.341	0.322	0.318	0.379	18.61
6) T	Chloroethane	0.428	0.377	0.346	0.325	0.317	0.310	0.351	12.84
7) T	Trichlorofluorome	0.858	0.883	0.764	0.742	0.704	0.682	0.772	10.60
8) T	Diethyl Ether	0.279	0.265	0.248	0.243	0.232	0.225	0.249	8.19
9) T	1,1,2-Trichlorotr	0.469	0.461	0.407	0.382	0.365	0.353	0.406	12.06
10) T	Methyl Iodide		0.498	0.572	0.582	0.575	0.556	0.556	6.10
11) T	Tert butyl alcoho		0.038	0.032	0.034	0.037	0.034	0.035	6.22
12) CM	1,1-Dichloroethen	0.421	0.445	0.398	0.381	0.364	0.349	0.393	9.11#
13) T	Acrolein		0.031	0.031	0.029	0.033	0.033	0.031	4.63
14) T	Allyl chloride	1.111	0.990	0.925	0.937	0.924	0.920	0.968	7.73
15) T	Acrylonitrile	0.196	0.212	0.191	0.193	0.193	0.187	0.195	4.53
16) T	Acetone	0.176	0.177	0.169	0.155	0.148	0.139	0.161	9.83
17) T	Carbon Disulfide	1.329	1.421	1.177	1.223	1.250	1.249	1.275	6.80
18) T	Methyl Acetate	0.616	0.502	0.411	0.424	0.423	0.410	0.464	17.64
19) T	Methyl tert-butyl	1.426	1.475	1.352	1.356	1.330	1.310	1.375	4.58
20) T	Methylene Chlorid	0.663	0.645	0.545	0.531	0.515	0.502	0.567	12.21
21) T	trans-1,2-Dichlor	0.550	0.585	0.504	0.499	0.486	0.474	0.516	8.23
22) T	Diisopropyl ether	1.904	2.092	1.922	1.911	1.850	1.809	1.915	5.06
23) T	Vinyl Acetate	1.171	1.371	1.333	1.383	1.380	1.358	1.332	6.10
24) P	1,1-Dichloroethan	1.056	1.123	1.026	1.008	0.970	0.946	1.021	6.20
25) T	2-Butanone	0.198	0.248	0.244	0.247	0.250	0.238	0.238	8.38
26) T	2,2-Dichloropropa	0.718	0.762	0.698	0.711	0.707	0.698	0.716	3.36
27) T	cis-1,2-Dichloroe	0.621	0.627	0.579	0.571	0.555	0.546	0.583	5.80
28) T	Bromochloromethan	0.532	0.562	0.495	0.507	0.490	0.478	0.511	6.09
29) T	Tetrahydrofuran	0.173	0.183	0.158	0.159	0.161	0.156	0.165	6.41
30) C	Chloroform	1.007	1.069	0.984	0.961	0.922	0.901	0.974	6.20#
31) T	Cyclohexane	2.072	1.221	0.987	0.957	0.916	0.900	1.175	38.64
32) T	1,1,1-Trichloroet	0.820	0.854	0.802	0.808	0.785	0.774	0.807	3.49
33) S	1,2-Dichloroethan		0.697	0.769	0.677	0.623	0.604	0.674	9.69
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.337	0.379	0.331	0.312	0.307	0.333	8.60
36) T	1,1-Dichloroprope	0.501	0.491	0.452	0.453	0.448	0.452	0.466	5.01
37) T	Ethyl Acetate	0.367	0.351	0.336	0.329	0.338	0.329	0.342	4.31
38) T	Carbon Tetrachlor	0.546	0.461	0.419	0.428	0.432	0.430	0.453	10.59
39) T	Methylcyclohexane	0.505	0.558	0.501	0.506	0.500	0.503	0.512	4.44
40) TM	Benzene	1.341	1.435	1.299	1.324	1.304	1.296	1.333	3.96
41) T	Methacrylonitrile	0.187	0.204	0.178	0.192	0.198	0.193	0.192	4.68
42) TM	1,2-Dichloroethan	0.488	0.528	0.470	0.463	0.456	0.452	0.476	5.97
43) T	Isopropyl Acetate	0.430	0.585	0.554	0.575	0.595	0.593	0.555	11.39
44) TM	Trichloroethene	0.341	0.379	0.348	0.336	0.339	0.333	0.346	4.83
45) C	1,2-Dichloropropa	0.390	0.415	0.373	0.373	0.365	0.364	0.380	5.12#
46) T	Dibromomethane	0.221	0.225	0.208	0.212	0.210	0.207	0.214	3.49
47) T	Bromodichlorometh	0.413	0.453	0.443	0.450	0.454	0.453	0.444	3.58
48) T	Methyl methacryla	0.322	0.290	0.277	0.297	0.312	0.308	0.301	5.41
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	11.74
50) S	Toluene-d8		1.202	1.368	1.265	1.192	1.170	1.239	6.45
51) T	4-Methyl-2-Pentan	0.271	0.323	0.303	0.322	0.331	0.323	0.312	7.05
52) CM	Toluene	0.790	0.840	0.765	0.796	0.785	0.784	0.793	3.16#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N032919W.M
 Title : SW846 8260
 Last Update : Sat Mar 30 00:48:18 2019
 Response Via : Initial Calibration

Calibration Files

1 =VN054759.D 5 =VN054766.D 20 =VN054761.D
 50 =VN054762.D 100 =VN054763.D 150 =VN054764.D

	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.335	0.391	0.395	0.441	0.468	0.479	0.418	13.13
54) T	cis-1,3-Dichlorop	0.391	0.490	0.497	0.524	0.545	0.549	0.499	11.67
55) T	1,1,2-Trichloroet	0.308	0.317	0.294	0.283	0.285	0.282	0.295	4.98
56) T	Ethyl methacrylat	0.339	0.390	0.359	0.398	0.418	0.418	0.387	8.26
57) T	1,3-Dichloropropa	0.482	0.532	0.503	0.512	0.509	0.506	0.507	3.19
58) T	2-Chloroethyl Vin	0.111	0.136	0.140	0.161	0.171	0.172	0.148	16.12
59) T	2-Hexanone	0.174	0.209	0.190	0.201	0.215	0.211	0.200	7.73
60) T	Dibromochlorometh	0.249	0.281	0.293	0.312	0.326	0.331	0.299	10.31
61) T	1,2-Dibromoethane	0.264	0.295	0.272	0.285	0.287	0.288	0.282	4.11
62) S	4-Bromofluorobenz		0.397	0.423	0.417	0.410	0.413	0.412	2.32
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.411	0.425	0.394	0.370	0.357	0.345	0.384	8.14
65) PM	Chlorobenzene	0.969	1.057	0.984	0.952	0.959	0.953	0.979	4.06
66) T	1,1,1,2-Tetrachlo	0.349	0.379	0.371	0.367	0.367	0.365	0.366	2.73
67) C	Ethyl Benzene	1.717	1.896	1.761	1.729	1.751	1.746	1.767	3.70#
68) T	m/p-Xylenes	0.649	0.683	0.658	0.640	0.647	0.645	0.654	2.36
69) T	o-Xylene	0.644	0.686	0.644	0.621	0.630	0.621	0.641	3.79
70) T	Stvrene	0.887	1.031	1.041	1.053	1.067	1.072	1.025	6.78
71) P	Bromoform	0.169	0.198	0.209	0.223	0.243	0.245	0.215	13.43
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.736	4.911	3.965	3.729	3.652	3.528	4.087	14.46
74) T	N-amyl acetate	1.349	1.400	1.183	1.228	1.264	1.215	1.273	6.62
75) P	1,1,2,2-Tetrachlo	1.262	1.186	0.960	0.903	0.910	0.869	1.015	16.36
76) T	1,2,3-Trichloropr	0.989	1.017	0.857	0.764	0.805	0.780	0.869	12.58
77) T	Bromobenzene	1.152	1.080	0.957	0.919	0.917	0.891	0.986	10.69
78) T	n-propylbenzene	5.041	5.048	4.423	4.246	4.149	4.044	4.492	9.92
79) T	2-Chlorotoluene	3.329	3.191	2.701	2.536	2.494	2.423	2.779	13.89
80) T	1,3,5-Trimethylbe	3.896	3.849	3.256	3.114	3.028	2.978	3.353	12.32
81) T	trans-1,4-Dichlor	0.222	0.219	0.194	0.212	0.245	0.247	0.223	9.11
82) T	4-Chlorotoluene	2.907	3.055	2.625	2.570	2.548	2.491	2.699	8.43
83) T	tert-Butylbenzene	3.558	3.432	2.860	2.666	2.575	2.503	2.932	15.48
84) T	1,2,4-Trimethylbe	3.158	3.682	3.231	3.096	3.040	2.962	3.195	8.03
85) T	sec-Butylbenzene	4.005	4.347	3.593	3.365	3.309	3.238	3.643	12.16
86) T	p-Isopropyltoluen	3.372	3.755	3.164	3.042	2.998	2.946	3.213	9.52
87) T	1,3-Dichlorobenze	1.751	1.863	1.600	1.580	1.573	1.541	1.651	7.71
88) T	1,4-Dichlorobenze	1.798	1.779	1.562	1.547	1.529	1.503	1.620	8.17
89) T	n-Butylbenzene	2.687	2.811	2.518	2.569	2.582	2.560	2.621	4.14
90) T	Hexachloroethane	0.593	0.592	0.500	0.521	0.533	0.534	0.546	7.03
91) T	1,2-Dichlorobenze	2.025	1.836	1.607	1.567	1.494	1.470	1.667	13.12
92) T	1,2-Dibromo-3-Chl	0.132	0.151	0.135	0.140	0.140	0.140	0.140	4.63
93) T	1,2,4-Trichlorobe	0.804	0.779	0.709	0.809	0.843	0.877	0.803	7.17
94) T	Hexachlorobutadie	0.651	0.668	0.515	0.490	0.469	0.459	0.542	17.15
95) T	Naphthalene	1.777	1.796	1.567	1.748	1.921	2.003	1.802	8.37
96) T	1,2,3-Trichlorobe	0.859	0.815	0.750	0.799	0.816	0.830	0.811	4.45

(#) = Out of Range