

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X051123W.M
 Title : SW846 8260
 Last Update : Thu May 11 13:57:54 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX035600.D 5 =VX035601.D 20 =VX035602.D 50 =VX035603.D 100 =VX035604.D 150 =VX035605.D

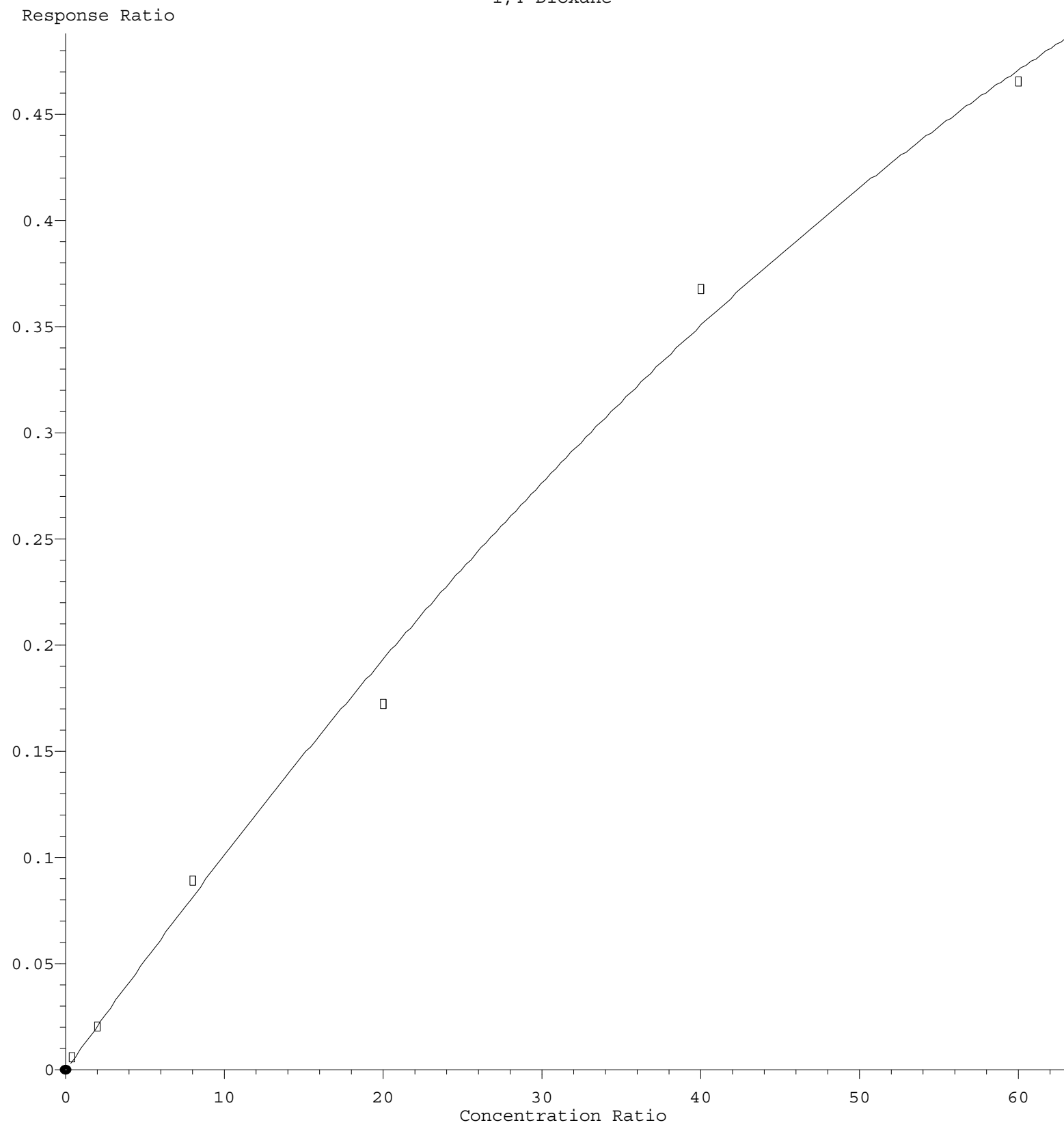
	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.614	0.617	0.761	0.632	0.680	0.605	0.652	9.20
3) P	Chloromethane	0.953	0.853	0.841	0.722	0.739	0.637	0.791	14.30
4) C	Vinyl Chloride	0.680	0.660	0.758	0.636	0.685	0.609	0.671	7.61#
5) T	Bromomethane		0.359	0.397	0.334	0.375	0.353	0.363	6.55
6) T	Chloroethane	0.469	0.417	0.456	0.369	0.389	0.342	0.407	12.19
7) T	Trichlorofluor...	0.955	1.015	1.140	0.951	1.003	0.856	0.987	9.49
8) T	Diethyl Ether	0.413	0.379	0.421	0.354	0.377	0.335	0.380	8.71
9) T	1,1,2-Trichlor...	0.589	0.582	0.681	0.546	0.591	0.527	0.586	9.11
10) T	Methyl Iodide		0.420	0.539	0.488	0.600	0.573	0.524	13.70
11) T	Tert butyl alc...		0.162	0.176	0.144	0.155	0.133	0.154	10.77
12) CM	1,1-Dichloroet...	0.539	0.565	0.627	0.531	0.569	0.510	0.557	7.28#
13) T	Acrolein	0.192	0.192	0.209	0.163	0.180	0.159	0.183	10.46
14) T	Allyl chloride	1.281	1.172	1.297	1.120	1.209	1.078	1.193	7.27
15) T	Acrylonitrile	0.349	0.352	0.376	0.316	0.337	0.303	0.339	7.82
16) T	Acetone	0.450	0.391	0.420	0.334	0.351	0.303	0.375	14.75
17) T	Carbon Disulfide	1.271	1.195	1.452	1.309	1.475	1.362	1.344	8.01
18) T	Methyl Acetate	1.443	1.339	1.544	1.302	1.410	1.258	1.383	7.55
19) T	Methyl tert-bu...	2.331	2.315	2.427	2.050	2.203	1.968	2.216	7.99
20) T	Methylene Chlo...	0.779	0.708	0.728	0.614	0.659	0.589	0.679	10.62
21) T	trans-1,2-Dich...	0.593	0.623	0.683	0.583	0.622	0.557	0.610	7.12
22) T	Diisopropyl ether	2.540	2.418	2.562	2.148	2.297	2.048	2.336	8.96
23) T	Vinyl Acetate	1.677	1.698	1.835	1.557	1.670	1.478	1.653	7.46
24) P	1,1-Dichloroet...	1.254	1.295	1.375	1.173	1.266	1.133	1.249	6.93
25) T	2-Butanone	0.569	0.525	0.579	0.478	0.512	0.451	0.519	9.62
26) T	2,2-Dichloropr...	1.108	0.996	1.166	0.988	1.099	0.989	1.058	7.26
27) T	cis-1,2-Dichlo...	0.766	0.759	0.801	0.684	0.736	0.656	0.733	7.43
28) T	Bromochloromet...	0.597	0.557	0.652	0.469	0.576	0.520	0.562	11.23
29) T	Tetrahydrofuran	0.351	0.337	0.361	0.299	0.324	0.285	0.326	9.08
30) C	Chloroform	1.325	1.315	1.403	1.190	1.287	1.160	1.280	7.05#
31) T	Cyclohexane		1.115	1.257	1.036	1.111	0.991	1.102	9.18
32) T	1,1,1-Trichlor...	1.095	1.109	1.225	1.050	1.160	1.043	1.114	6.19
33) S	1,2-Dichloroet...		0.904	0.920	0.819	0.908	0.809	0.872	6.11
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.334	0.355	0.318	0.362	0.317	0.337	6.08
36) T	1,1-Dichloropr...	0.528	0.531	0.600	0.502	0.548	0.485	0.532	7.52
37) T	Ethyl Acetate	0.585	0.556	0.618	0.520	0.558	0.494	0.555	7.97
38) T	Carbon Tetrach...	0.487	0.461	0.564	0.479	0.543	0.491	0.504	7.95
39) T	Methylcyclohexane	0.621	0.607	0.714	0.592	0.652	0.574	0.627	8.03
40) TM	Benzene	1.550	1.514	1.662	1.368	1.513	1.327	1.489	8.26
41) T	Methacrylonitrile	0.371	0.319	0.356	0.306	0.335	0.291	0.330	9.23
42) TM	1,2-Dichloroet...	0.690	0.651	0.700	0.588	0.643	0.571	0.641	8.17
43) T	Isopropyl Acetate	1.023	0.966	1.051	0.894	0.989	0.886	0.968	6.95
44) TM	Trichloroethene	0.421	0.357	0.410	0.347	0.387	0.343	0.378	8.83
45) C	1,2-Dichloropr...	0.409	0.385	0.440	0.369	0.408	0.356	0.394	7.77#
46) T	Dibromomethane	0.266	0.278	0.297	0.253	0.278	0.248	0.270	6.66
47) T	Bromodichlorom...	0.506	0.484	0.573	0.496	0.563	0.508	0.522	7.07
48) T	Methyl methacr...	0.479	0.479	0.525	0.446	0.496	0.441	0.478	6.64
49) T	1,4-Dioxane	0.015	0.010	0.011	0.009	0.009	0.008	0.010	24.16
50) S	Toluene-d8		1.253	1.331	1.183	1.314	1.146	1.246	6.46
51) T	4-Methyl-2-Pen...	0.576	0.579	0.635	0.520	0.558	0.478	0.558	9.63
52) CM	Toluene	1.006	0.957	1.027	0.866	0.948	0.836	0.940	8.04#
53) T	t-1,3-Dichloro...	0.486	0.507	0.624	0.558	0.642	0.584	0.567	10.96
54) T	cis-1,3-Dichlo...	0.536	0.568	0.670	0.594	0.673	0.603	0.607	9.03
55) T	1,1,2-Trichlor...	0.368	0.387	0.404	0.345	0.377	0.334	0.369	7.09
56) T	Ethyl methacry...	0.614	0.571	0.648	0.561	0.630	0.563	0.598	6.28

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57)	T	1,3-Dichloropr...	0.697	0.696	0.733	0.619	0.674	0.596	0.669	7.76
58)	T	2-Chloroethyl ...	0.309	0.282	0.350	0.294	0.310	0.280	0.304	8.41
59)	T	2-Hexanone	0.430	0.436	0.483	0.392	0.419	0.359	0.420	10.02
60)	T	Dibromochlorom...	0.310	0.318	0.378	0.343	0.399	0.364	0.352	9.94
61)	T	1,2-Dibromoethane	0.396	0.389	0.426	0.363	0.401	0.359	0.389	6.50
62)	S	4-Bromofluorob...		0.472	0.532	0.479	0.545	0.480	0.502	6.83
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.373	0.340	0.373	0.302	0.333	0.298	0.337	9.69
65)	PM	Chlorobenzene	1.146	1.103	1.209	1.017	1.097	0.976	1.091	7.78
66)	T	1,1,1,2-Tetrac...	0.368	0.383	0.423	0.366	0.408	0.367	0.386	6.25
67)	C	Ethyl Benzene	2.149	2.097	2.285	1.903	2.064	1.818	2.053	8.23#
68)	T	m/p-Xylenes	0.775	0.780	0.847	0.714	0.762	0.675	0.759	7.81
69)	T	o-Xylene	0.785	0.776	0.827	0.701	0.756	0.673	0.753	7.56
70)	T	Styrene	1.146	1.232	1.341	1.153	1.270	1.139	1.213	6.77
71)	P	Bromoform	0.232	0.227	0.259	0.246	0.291	0.269	0.254	9.49
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.228	4.341	4.775	3.960	4.234	3.742	4.213	8.35
74)	T	N-amyl acetate	2.072	2.023	2.160	1.812	1.973	1.746	1.964	8.02
75)	P	1,1,2,2-Tetrac...	1.468	1.472	1.535	1.243	1.328	1.154	1.367	10.93
76)	T	1,2,3-Trichlor...	1.294	1.263	1.486	1.073	1.124	1.098	1.223	12.85
77)	T	Bromobenzene	1.031	0.978	1.046	0.874	0.954	0.855	0.956	8.27
78)	T	n-propylbenzene	4.862	5.022	5.642	4.705	5.038	4.447	4.953	8.14
79)	T	2-Chlorotoluene	3.298	3.232	3.427	2.849	3.072	2.727	3.101	8.73
80)	T	1,3,5-Trimethy...	3.623	3.630	4.066	3.355	3.622	3.189	3.581	8.34
81)	T	trans-1,4-Dich...		0.303	0.393	0.367	0.434	0.400	0.379	12.90
82)	T	4-Chlorotoluene	3.660	3.688	4.035	3.314	3.576	3.154	3.571	8.65
83)	T	tert-Butylbenzene	3.599	3.507	3.887	3.219	3.514	3.158	3.481	7.64
84)	T	1,2,4-Trimethy...	3.634	3.667	4.019	3.379	3.653	3.221	3.596	7.63
85)	T	sec-Butylbenzene	4.242	4.463	4.947	4.152	4.465	3.954	4.370	7.85
86)	T	p-Isopropyltol...	3.385	3.556	4.079	3.455	3.773	3.311	3.593	7.99
87)	T	1,3-Dichlorobe...	1.910	1.820	1.996	1.680	1.858	1.637	1.817	7.53
88)	T	1,4-Dichlorobe...	1.926	1.866	2.004	1.717	1.851	1.642	1.834	7.28
89)	T	n-Butylbenzene	3.083	3.143	3.640	3.174	3.494	3.077	3.268	7.31
90)	T	Hexachloroethane	0.483	0.477	0.577	0.535	0.621	0.574	0.545	10.43
91)	T	1,2-Dichlorobe...	1.928	1.840	1.959	1.632	1.766	1.551	1.779	9.14
92)	T	1,2-Dibromo-3-...	0.312	0.292	0.333	0.284	0.320	0.284	0.304	6.77
93)	T	1,2,4-Trichlor...	1.073	1.022	1.206	1.014	1.114	0.999	1.071	7.36
94)	T	Hexachlorobuta...	0.446	0.410	0.473	0.403	0.430	0.389	0.425	7.24
95)	T	Naphthalene	3.618	3.736	4.205	3.468	3.724	3.258	3.668	8.68
96)	T	1,2,3-Trichlor...	1.092	1.031	1.167	1.001	1.069	0.962	1.053	6.86

(#) = Out of Range

1,4-Dioxane



$R = -4.592e-005 A^2 + 1.061e-002 A - 4.246e-004$
Coef of Det (r^2) = 0.995399 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X051123W.M
Calibration Table Last Updated: Thu May 11 13:57:54 2023