Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X010725W.M
Title : SW846 8260
Last Update : Wed Jan 08 03:57:12 2025
Response Via : Initial Calibration

Calibration Files
1 =VX044596.D 5 =VX044597.D 20 =VX044598.D 50 =VX044599.D 100 =VX044600.D 150 =VX044601.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.686	0.708	0.713	0.779	0.772	0.682	0.723	5.86
3)	P	Chloromethane	0.736	0.794	0.736	0.736	0.703	0.621	0.721	7.93
4)	C	Vinyl Chloride	0.629	0.704	0.696	0.710	0.696	0.624	0.676	5.77#
5)	T	Bromomethane		0.380	0.364	0.369	0.369	0.270	0.350	12.97
6)	T	Chloroethane	0.482	0.371	0.371	0.324	0.387		0.387	15.08
7)	T	Trichlorofluor...	0.982	1.037	0.991	1.084	1.092	0.855	1.007	8.65
8)	T	Diethyl Ether	0.404	0.324	0.383	0.350	0.377	0.297	0.356	11.28
9)	T	1,1,2-Trichlor...	0.557	0.586	0.583	0.588	0.596	0.554	0.577	3.06
10)	T	Methyl Iodide		0.839	0.795	0.811	0.792	0.789	0.805	2.58
11)	T	Tert butyl alc...		0.113	0.096	0.101	0.102	0.084	0.099	10.62
12)	CM	1,1-Dichloroet...	0.539	0.587	0.549	0.562	0.565	0.553	0.559	2.96#
13)	T	Acrolein		0.133	0.128	0.133	0.142	0.120	0.131	6.16
14)	T	Allyl chloride	0.865	0.904	0.954	1.012	1.019	0.827	0.930	8.41
15)	T	Acrylonitrile	0.265	0.301	0.299	0.306	0.295	0.251	0.286	7.86
16)	T	Acetone	0.310	0.215	0.270	0.275	0.263	0.192	0.254	16.97
17)	T	Carbon Disulfide	0.909	1.045	1.058	1.220	1.356	1.352	1.157	15.73
18)	T	Methyl Acetate	0.772	0.799	0.762	0.776	0.774	0.617	0.750	8.83
19)	T	Methyl tert-bu...	1.768	1.979	1.965	2.051	2.012	1.726	1.917	7.06
20)	T	Methylene Chlo...	0.687	0.657	0.661	0.657	0.629	0.598	0.648	4.74
21)	T	trans-1,2-Dich...	0.554	0.579	0.580	0.580	0.588	0.562	0.574	2.26
22)	T	Diisopropyl ether	1.709	2.084	2.026	2.082	2.021	1.552	1.912	11.80
23)	T	Vinyl Acetate	1.181	1.533	1.673	1.779	1.790	1.322	1.546	16.20
24)	P	1,1-Dichloroet...	1.017	1.181	1.171	1.182	1.156	0.980	1.114	8.17
25)	T	2-Butanone	0.295	0.393	0.403	0.409	0.399	0.303	0.367	14.44
26)	T	2,2-Dichloropr...	0.943	0.957	0.992	1.008	1.024	0.855	0.963	6.34
27)	T	cis-1,2-Dichlo...	0.601	0.763	0.715	0.731	0.711	0.679	0.700	7.95
28)	T	Bromochloromet...	0.521	0.542	0.550	0.548	0.528	0.423	0.519	9.27
29)	T	Tetrahydrofuran	0.248	0.267	0.265	0.265	0.262	0.200	0.251	10.43
30)	C	Chloroform	1.142	1.316	1.258	1.253	1.210	1.028	1.201	8.54#
31)	T	Cyclohexane		0.912	0.950	0.953	0.942	0.818	0.915	6.16
32)	T	1,1,1-Trichlor...	0.848	1.057	1.051	1.087	1.084	0.939	1.011	9.54
33)	S	1,2-Dichloroet...		0.919	0.850	0.817	0.819	0.626	0.806	13.52
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.354	0.347	0.335	0.348	0.330	0.343	2.96
36)	T	1,1-Dichloropr...	0.393	0.457	0.461	0.466	0.464	0.420	0.443	6.72
37)	T	Ethyl Acetate	0.414	0.453	0.495	0.491	0.492	0.376	0.454	10.87
38)	T	Carbon Tetrach...	0.467	0.457	0.491	0.516	0.534	0.488	0.492	5.92
39)	T	Methylcyclohexane	0.512	0.566	0.572	0.580	0.592	0.571	0.566	4.89
40)	TM	Benzene	1.291	1.449	1.463	1.448	1.399	1.324	1.396	5.19
41)	T	Methacrylonitrile	0.185	0.254	0.269	0.273	0.277	0.203	0.243	16.14
42)	TM	1,2-Dichloroet...	0.473	0.586	0.603	0.599	0.577	0.437	0.546	13.17
43)	T	Isopropyl Acetate	0.658	0.759	0.798	0.819	0.823	0.632	0.748	11.14
44)	TM	Trichloroethene	0.355	0.364	0.358	0.349	0.353	0.362	0.357	1.56
45)	C	1,2-Dichloropr...	0.314	0.340	0.363	0.362	0.353	0.310	0.340	6.93#
46)	T	Dibromomethane	0.254	0.268	0.277	0.276	0.269	0.244	0.265	4.90
47)	T	Bromodichlorom...	0.401	0.472	0.503	0.524	0.530	0.459	0.482	10.04
48)	T	Methyl methacr...	0.285	0.348	0.387	0.411	0.404	0.307	0.357	14.77
49)	T	1,4-Dioxane	0.004	0.005	0.006	0.006	0.005	0.005	0.005	13.22
50)	S	Toluene-d8		1.192	1.213	1.156	1.185	1.109	1.171	3.46
51)	T	4-Methyl-2-Pen...	0.361	0.455	0.486	0.491	0.477	0.354	0.437	14.43
52)	CM	Toluene	0.736	0.867	0.896	0.878	0.865	0.811	0.842	7.02#
53)	T	t-1,3-Dichloro...	0.330	0.416	0.486	0.519	0.537	0.473	0.460	16.56
54)	T	cis-1,3-Dichlo...	0.426	0.480	0.533	0.570	0.575	0.521	0.517	10.98
55)	T	1,1,2-Trichlor...	0.308	0.345	0.349	0.345	0.326	0.308	0.330	5.73

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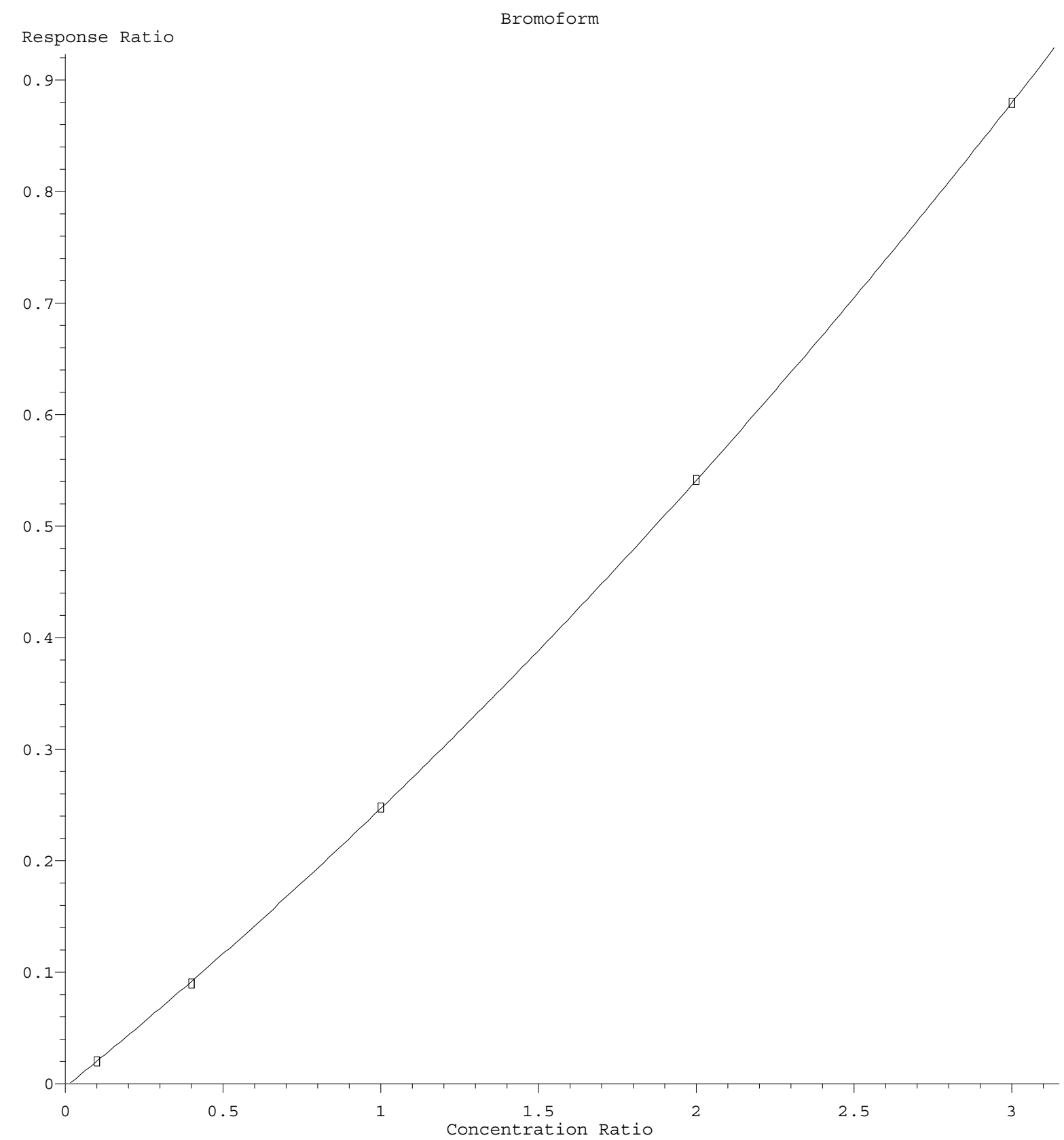
56)	T	Ethyl methacry...	0.350	0.455	0.506	0.545	0.541	0.485	0.480	15.04
57)	T	1,3-Dichloropr...	0.464	0.584	0.609	0.598	0.566	0.506	0.554	10.35
58)	T	2-Chloroethyl ...	0.200	0.226	0.248	0.263	0.264	0.227	0.238	10.43
59)	T	2-Hexanone	0.232	0.310	0.348	0.359	0.348	0.259	0.309	17.05
60)	T	Dibromochlorom...	0.231	0.305	0.339	0.368	0.371	0.362	0.329	16.41
61)	T	1,2-Dibromoethane	0.282	0.340	0.359	0.349	0.344	0.327	0.333	8.18
62)	S	4-Bromofluorob...		0.404	0.416	0.415	0.432	0.400	0.413	2.95
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.360	0.370	0.362	0.346	0.338	0.345	0.354	3.49
65)	PM	Chlorobenzene	0.977	1.089	1.086	1.088	1.063	1.065	1.061	4.04
66)	T	1,1,1,2-Tetrac...	0.286	0.341	0.366	0.370	0.379	0.373	0.352	9.90
67)	C	Ethyl Benzene	1.555	1.854	1.919	1.928	1.895	1.783	1.822	7.76#
68)	T	m/p-Xylenes	0.518	0.677	0.713	0.715	0.711	0.684	0.670	11.35
69)	T	o-Xylene	0.636	0.650	0.696	0.696	0.693	0.683	0.676	3.85
70)	T	Styrene	0.790	1.026	1.156	1.187	1.181	1.145	1.081	14.26
71)	P	Bromoform	0.153	0.200	0.225	0.248	0.271	0.293	0.232	21.87
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.392	3.801	3.892	3.885	3.740	3.516	3.704	5.55
74)	T	N-amyl acetate	1.108	1.537	1.580	1.709	1.745	1.339	1.503	16.05
75)	P	1,1,2,2-Tetrac...	1.145	1.320	1.227	1.255	1.166	1.051	1.194	7.87
76)	T	1,2,3-Trichlor...	1.014	1.055	1.038	1.043	0.996	0.869	1.002	6.86
77)	T	Bromobenzene	0.799	0.974	0.910	0.926	0.894	0.897	0.900	6.38
78)	T	n-propylbenzene	3.430	4.370	4.397	4.501	4.369	3.967	4.172	9.76
79)	T	2-Chlorotoluene	2.756	2.882	2.777	2.787	2.629	2.391	2.704	6.41
80)	T	1,3,5-Trimethy...	2.473	3.331	3.270	3.304	3.160	2.891	3.071	10.89
81)	T	trans-1,4-Dich...		0.262	0.297	0.357	0.374	0.357	0.329	14.55
82)	T	4-Chlorotoluene	2.847	3.223	3.173	3.200	3.064	2.744	3.042	6.61
83)	T	tert-Butylbenzene	2.630	3.226	3.104	3.225	3.121	3.043	3.058	7.24
84)	T	1,2,4-Trimethy...	2.634	3.061	3.354	3.315	3.152	2.995	3.085	8.47
85)	T	sec-Butylbenzene	3.131	3.853	3.913	3.921	3.842	3.688	3.725	8.12
86)	T	p-Isopropyltol...	2.484	3.154	3.271	3.369	3.298	3.175	3.125	10.37
87)	T	1,3-Dichlorobe...	1.456	1.659	1.683	1.688	1.629	1.653	1.628	5.35
88)	T	1,4-Dichlorobe...	1.762	1.780	1.665	1.685	1.637	1.646	1.696	3.59
89)	T	n-Butylbenzene	1.967	2.497	2.753	2.929	2.977	2.711	2.639	14.06
90)	T	Hexachloroethane	0.496	0.427	0.454	0.518	0.558	0.559	0.502	10.73
91)	T	1,2-Dichlorobe...	1.560	1.699	1.669	1.699	1.612	1.630	1.645	3.33
92)	T	1,2-Dibromo-3-...	0.197	0.208	0.221	0.249	0.257	0.226	0.226	10.22
93)	T	1,2,4-Trichlor...	0.818	0.899	0.942	0.995	1.024	1.123	0.967	10.91
94)	T	Hexachlorobuta...	0.363	0.403	0.391	0.407	0.412	0.439	0.403	6.17
95)	T	Naphthalene	2.119	2.828	3.227	3.403	3.436	3.703	3.120	18.24
96)	T	1,2,3-Trichlor...	0.849	0.922	0.992	1.019	1.022	1.124	0.988	9.51

(#) = Out of Range



R = 2.220e-002 A*A + 2.276e-001 A - 2.772e-003
Coef of Det (r^2) = 0.999991 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X010725W.M
Calibration Table Last Updated: Wed Jan 08 03:57:12 2025