Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N120922W.M
Title : SW846 8260
Last Update : Mon Dec 12 07:54:35 2022
Response Via : Initial Calibration

Calibration Files
5 =VN075664.D 10 =VN075665.D 20 =VN075666.D 50 =VN075667.D 75 =VN075668.D 1 =VN075663.D

		Compound	5	10	20	50	75	1	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.411	0.362	0.345	0.365	0.359	0.365	0.368	6.12
3)	P	Chloromethane	0.450	0.414	0.413	0.414	0.415	0.523	0.438	10.03
4)	C	Vinyl Chloride	0.558	0.533	0.515	0.526	0.537	0.560	0.538	3.27#
5)	T	Bromomethane	0.492	0.450	0.434	0.447	0.469		0.458	4.94
6)	T	Chloroethane	0.401	0.408	0.400	0.393	0.407		0.402	1.46
7)	T	Trichlorofluor...	0.815	0.772	0.763	0.776	0.793	0.767	0.781	2.49
8)	T	Diethyl Ether	0.268	0.285	0.271	0.288	0.298	0.303	0.285	4.96
9)	T	1,1,2-Trichlor...	0.488	0.456	0.441	0.456	0.459	0.449	0.458	3.53
10)	T	Methyl Iodide	0.742	0.731	0.741	0.754	0.776		0.749	2.28
11)	T	Tert butyl alc...	0.082	0.075	0.074	0.079	0.082		0.078	4.45
12)	CM	1,1-Dichloroet...	0.420	0.425	0.422	0.438	0.447	0.418	0.428	2.72#
13)	T	Acrolein	0.090	0.087	0.089	0.093	0.094		0.090	3.17
14)	T	Allyl chloride	0.547	0.521	0.525	0.557	0.572	0.478	0.533	6.23
15)	T	Acrylonitrile	0.199	0.198	0.198	0.208	0.213	0.200	0.203	3.11
16)	T	Acetone	0.175	0.188	0.176	0.168	0.170	0.201	0.180	7.00
17)	T	Carbon Disulfide	1.109	1.064	1.067	1.124	1.157	1.281	1.133	7.08
18)	T	Methyl Acetate	0.557	0.538	0.535	0.537	0.549	0.748	0.577	14.59
19)	T	Methyl tert-bu...	1.396	1.434	1.441	1.501	1.548	1.324	1.441	5.45
20)	T	Methylene Chlo...	0.546	0.516	0.487	0.505	0.508	0.651	0.536	11.20
21)	T	trans-1,2-Dich...	0.458	0.470	0.471	0.485	0.494	0.493	0.479	3.01
22)	T	Diisopropyl ether	1.173	1.195	1.232	1.274	1.312	1.096	1.214	6.33
23)	T	Vinyl Acetate	0.883	0.904	0.925	0.990	1.030	0.820	0.925	8.16
24)	P	1,1-Dichloroet...	0.810	0.798	0.781	0.812	0.843	0.749	0.799	3.99
25)	T	2-Butanone	0.267	0.260	0.256	0.259	0.269	0.265	0.263	1.97
26)	T	2,2-Dichloropr...	0.664	0.661	0.678	0.703	0.722	0.661	0.681	3.74
27)	T	cis-1,2-Dichlo...	0.547	0.570	0.561	0.588	0.587	0.633	0.581	5.15
28)	T	Bromochloromet...	0.304	0.321	0.336	0.336	0.348	0.271	0.319	8.90
29)	T	Tetrahydrofuran	0.153	0.160	0.162	0.170	0.176	0.150	0.162	6.26
30)	C	Chloroform	0.875	0.879	0.890	0.918	0.936	0.811	0.885	4.89#
31)	T	Cyclohexane	0.872	0.799	0.755	0.758	0.743		0.785	6.72
32)	T	1,1,1-Trichlor...	0.793	0.801	0.823	0.858	0.882	0.740	0.816	6.15
33)	S	1,2-Dichloroet...	0.526	0.526	0.506	0.544	0.551		0.531	3.34
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.312	0.300	0.287	0.312	0.314		0.305	3.71
36)	T	1,1-Dichloropr...	0.389	0.395	0.413	0.422	0.433	0.380	0.405	5.06
37)	T	Ethyl Acetate	0.316	0.307	0.345	0.330	0.334	0.319	0.325	4.21
38)	T	Carbon Tetrach...	0.464	0.451	0.461	0.482	0.492	0.456	0.467	3.44
39)	T	Methylcyclohexane	0.498	0.492	0.528	0.559	0.566	0.439	0.514	9.24
40)	TM	Benzene	1.256	1.230	1.241	1.275	1.290	1.167	1.243	3.50
41)	T	Methacrylonitrile	0.162	0.166	0.161	0.176	0.188	0.148	0.167	8.23
42)	TM	1,2-Dichloroet...	0.434	0.402	0.411	0.425	0.423	0.400	0.416	3.28
43)	T	Isopropyl Acetate	0.528	0.524	0.542	0.583	0.590	0.491	0.543	6.95
44)	TM	Trichloroethene	0.348	0.349	0.345	0.358	0.362	0.341	0.351	2.31
45)	C	1,2-Dichloropr...	0.303	0.287	0.289	0.301	0.309	0.286	0.296	3.34#
46)	T	Dibromomethane	0.225	0.219	0.225	0.231	0.238	0.194	0.222	6.71
47)	T	Bromodichlorom...	0.425	0.421	0.438	0.463	0.469	0.394	0.435	6.40
48)	T	Methyl methacr...	0.230	0.254	0.250	0.265	0.277	0.224	0.250	8.12
49)	T	1,4-Dioxane	0.006	0.006	0.006	0.006	0.007	0.005	0.006	10.42
50)	S	Toluene-d8	1.081	1.113	1.098	1.203	1.233		1.146	5.93
51)	T	4-Methyl-2-Pen...	0.327	0.323	0.341	0.351	0.362	0.305	0.335	6.12
52)	CM	Toluene	0.849	0.789	0.832	0.869	0.887	0.704	0.822	8.14#
53)	T	t-1,3-Dichloro...	0.399	0.406	0.440	0.485	0.506	0.342	0.430	14.08
54)	T	cis-1,3-Dichlo...	0.462	0.450	0.480	0.521	0.537	0.420	0.478	9.23
55)	T	1,1,2-Trichlor...	0.314	0.322	0.330	0.337	0.341	0.294	0.323	5.32
56)	T	Ethyl methacry...	0.412	0.408	0.448	0.484	0.505	0.370	0.438	11.57

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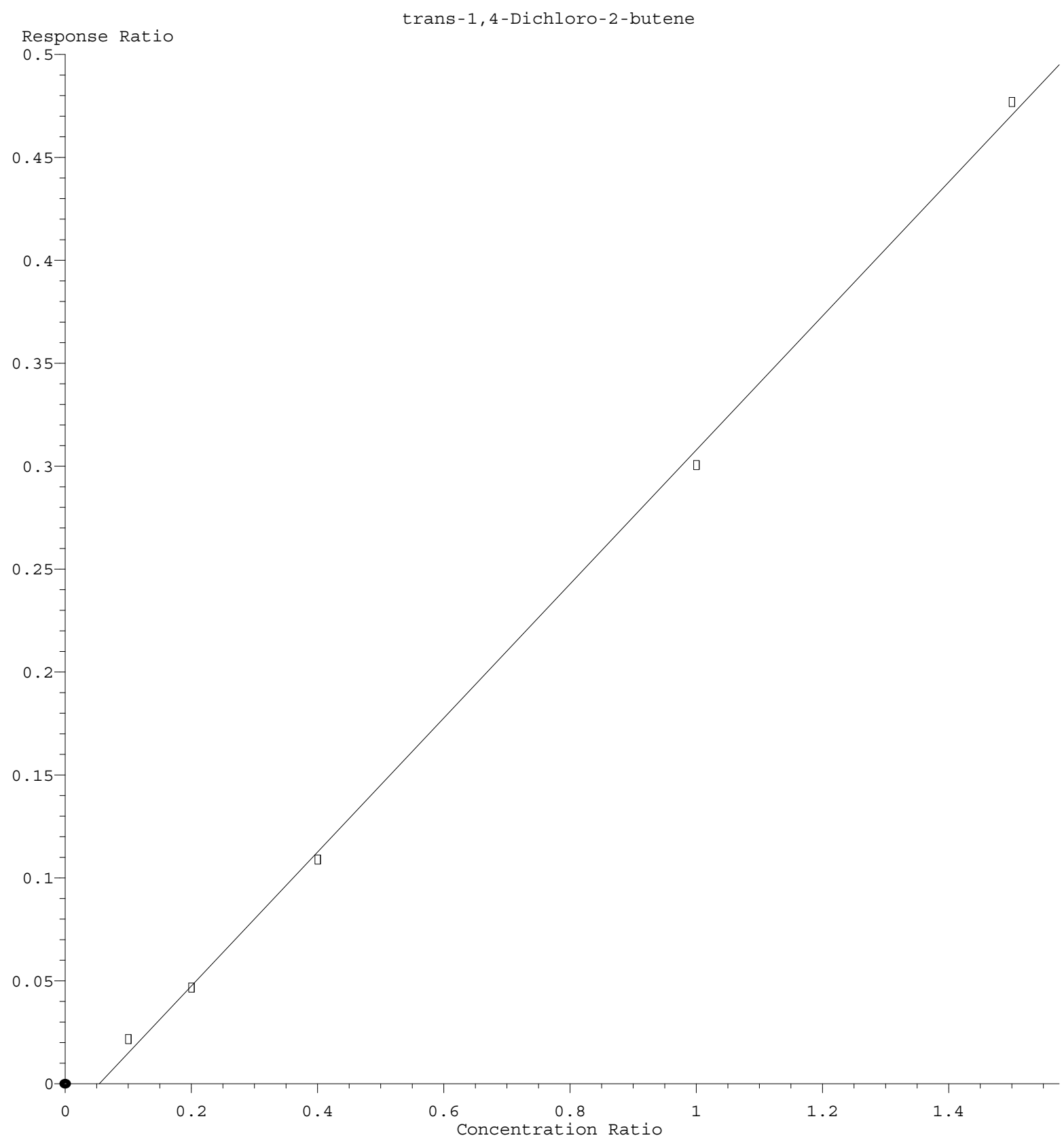
Method File : 82N120922W.M

57)	T	1,3-Dichloropr...	0.516	0.506	0.530	0.540	0.559	0.483	0.522	5.12
58)	T	2-Chloroethyl ...	0.121	0.122	0.130	0.148	0.154	0.101	0.129	14.89
59)	T	2-Hexanone	0.233	0.234	0.247	0.258	0.271	0.217	0.243	8.03
60)	T	Dibromochlorom...	0.346	0.345	0.356	0.382	0.401	0.303	0.356	9.52
61)	T	1,2-Dibromoethane	0.320	0.321	0.336	0.352	0.359	0.342	0.338	4.66
62)	S	4-Bromofluorob...	0.382	0.361	0.366	0.414	0.435		0.392	8.18
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.383	0.356	0.348	0.349	0.353	0.395	0.364	5.42
65)	PM	Chlorobenzene	1.025	0.989	0.997	1.040	1.065	1.056	1.029	2.98
66)	T	1,1,1,2-Tetrac...	0.396	0.362	0.370	0.390	0.403	0.325	0.374	7.69
67)	C	Ethyl Benzene	1.698	1.670	1.742	1.839	1.907	1.586	1.740	6.71#
68)	T	m/p-Xylenes	0.700	0.691	0.698	0.746	0.758	0.626	0.703	6.67
69)	T	o-Xylene	0.668	0.676	0.698	0.733	0.747	0.571	0.682	9.22
70)	T	Styrene	1.041	1.073	1.135	1.209	1.244	0.864	1.094	12.52
71)	P	Bromoform	0.247	0.271	0.295	0.319	0.329	0.241	0.284	12.91
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.655	3.545	3.583	3.670	3.703	3.385	3.590	3.23
74)	T	N-amyl acetate	1.003	0.966	1.024	1.111	1.179	0.976	1.043	8.08
75)	P	1,1,2,2-Tetrac...	1.079	1.050	1.043	1.020	1.032	1.246	1.078	7.84
76)	T	1,2,3-Trichlor...	0.939	0.995	0.978	0.986	0.991	1.136	1.004	6.74
77)	T	Bromobenzene	0.925	0.876	0.878	0.887	0.903	0.948	0.903	3.18
78)	T	n-propylbenzene	3.898	3.837	4.019	4.184	4.268	3.696	3.984	5.43
79)	T	2-Chlorotoluene	2.450	2.414	2.401	2.422	2.490	2.579	2.459	2.71
80)	T	1,3,5-Trimethy...	2.949	2.989	3.058	3.157	3.223	2.634	3.002	6.90
81)	T	trans-1,4-Dich...	0.217	0.233	0.272	0.301	0.318		0.268	15.97
82)	T	4-Chlorotoluene	2.450	2.414	2.401	2.422	2.490	2.579	2.459	2.71
83)	T	tert-Butylbenzene	2.771	2.692	2.723	2.776	2.829	2.540	2.722	3.70
84)	T	1,2,4-Trimethy...	2.990	2.954	3.092	3.179	3.227	2.660	3.017	6.76
85)	T	sec-Butylbenzene	3.623	3.669	3.795	3.997	4.086	3.281	3.742	7.73
86)	T	p-Isopropyltol...	3.065	3.011	3.236	3.412	3.499	2.563	3.131	10.75
87)	T	1,3-Dichlorobe...	1.669	1.613	1.663	1.686	1.735	1.765	1.688	3.23
88)	T	1,4-Dichlorobe...	1.692	1.579	1.682	1.699	1.728	1.926	1.717	6.64
89)	T	n-Butylbenzene	2.331	2.325	2.493	2.761	2.918	2.228	2.509	10.92
90)	T	Hexachloroethane	0.514	0.523	0.546	0.573	0.604	0.457	0.536	9.48
91)	T	1,2-Dichlorobe...	1.660	1.596	1.647	1.673	1.698	1.807	1.680	4.20
92)	T	1,2-Dibromo-3-...	0.164	0.165	0.191	0.189	0.196	0.159	0.177	9.14
93)	T	1,2,4-Trichlor...	0.738	0.702	0.814	0.895	0.922	0.768	0.807	10.86
94)	T	Hexachlorobuta...	0.479	0.434	0.454	0.480	0.476	0.423	0.458	5.38
95)	T	Naphthalene	2.017	2.065	2.305	2.586	2.730	2.601	2.384	12.60
96)	T	1,2,3-Trichlor...	0.730	0.711	0.782	0.861	0.882	0.790	0.793	8.59

(#) = Out of Range



Response = 3.257e-001 * Amt - 1.750e-002
Coef of Det (r^2) = 0.998980 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N120922W.M
Calibration Table Last Updated: Mon Dec 12 07:54:35 2022