Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N061421W.M
Title : SW846 8260
Last Update : Tue Jun 15 05:19:42 2021
Response Via : Initial Calibration

Calibration Files
1 =VN067318.D 5 =VN067319.D 20 =VN067320.D 50 =VN067321.D 100 =VN067322.D 150 =VN067323.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.554	0.642	0.734	0.802	0.842	0.829	0.734	15.68
3)	P	Chloromethane	0.731	0.746	0.724	0.742	0.816	0.795	0.759	4.94
4)	C	Vinyl Chloride	0.578	0.713	0.730	0.787	0.829	0.828	0.744	12.70#
5)	T	Bromomethane		0.300	0.307	0.328	0.320	0.322	0.316	3.65
6)	T	Chloroethane	0.433	0.479	0.431	0.459	0.468	0.473	0.457	4.48
7)	T	Trichlorofluor...	0.951	0.987	0.978	1.055	1.127	1.099	1.033	6.93
8)	T	Diethyl Ether	0.370	0.453	0.393	0.439	0.441	0.425	0.420	7.62
9)	T	1,1,2-Trichlor...	0.532	0.610	0.599	0.640	0.678	0.668	0.621	8.61
10)	T	Methyl Iodide		0.328	0.421	0.574	0.701	0.705	0.546	30.88
11)	T	Tert butyl alc...		0.164	0.150	0.157	0.176	0.165	0.162	5.91
12)	CM	1,1-Dichloroet...	0.558	0.571	0.568	0.614	0.644	0.644	0.600	6.54#
13)	T	Acrolein		0.105	0.084	0.098	0.111	0.110	0.101	11.10
14)	T	Allyl chloride	1.341	1.250	1.241	1.333	1.421	1.396	1.331	5.53
15)	T	Acrylonitrile	0.286	0.339	0.338	0.380	0.403	0.392	0.356	12.31
16)	T	Acetone	0.447	0.403	0.349	0.353	0.367	0.352	0.379	10.32
17)	T	Carbon Disulfide	2.022	1.799	1.783	1.904	2.056	2.058	1.937	6.53
18)	T	Methyl Acetate	1.008	0.929	0.813	0.894	0.947	0.917	0.918	7.02
19)	T	Methyl tert-bu...	1.887	2.203	2.378	2.582	2.712	2.681	2.407	13.29
20)	T	Methylene Chlo...	0.974	0.818	0.689	0.730	0.759	0.756	0.788	12.79
21)	T	trans-1,2-Dich...	0.618	0.672	0.620	0.673	0.705	0.699	0.665	5.67
22)	T	Diisopropyl ether	1.978	2.279	2.394	2.565	2.776	2.743	2.456	12.35
23)	T	Vinyl Acetate	1.797	2.269	2.142	2.332	2.503	2.459	2.250	11.44
24)	P	1,1-Dichloroet...	1.212	1.392	1.303	1.412	1.485	1.462	1.378	7.47
25)	T	2-Butanone	0.449	0.563	0.514	0.552	0.593	0.575	0.541	9.66
26)	T	2,2-Dichloropr...	1.343	1.453	1.320	1.396	1.448	1.419	1.396	3.93
27)	T	cis-1,2-Dichlo...	0.724	0.796	0.733	0.784	0.834	0.820	0.782	5.72
28)	T	Bromochloromet...	0.584	0.676	0.596	0.621	0.679	0.690	0.641	7.24
29)	T	Tetrahydrofuran	0.302	0.308	0.330	0.358	0.379	0.370	0.341	9.61
30)	C	Chloroform	1.365	1.443	1.368	1.456	1.530	1.515	1.446	4.84#
31)	T	Cyclohexane		1.441	1.260	1.301	1.355	1.348	1.341	5.06
32)	T	1,1,1-Trichlor...	1.139	1.327	1.281	1.375	1.433	1.417	1.329	8.17
33)	S	1,2-Dichloroet...		1.057	0.881	0.954	1.002	1.037	0.986	7.17
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.362	0.293	0.322	0.338	0.348	0.333	7.94
36)	T	1,1-Dichloropr...	0.499	0.580	0.519	0.568	0.604	0.594	0.561	7.55
37)	T	Ethyl Acetate	0.584	0.579	0.558	0.604	0.623	0.616	0.594	4.18
38)	T	Carbon Tetrach...	0.543	0.628	0.555	0.614	0.641	0.634	0.603	7.05
39)	T	Methylcyclohexane	0.515	0.539	0.576	0.632	0.651	0.646	0.593	9.83
40)	TM	Benzene	1.388	1.601	1.449	1.609	1.678	1.663	1.565	7.58
41)	T	Methacrylonitrile	0.282	0.308	0.292	0.311	0.331	0.329	0.309	6.23
42)	TM	1,2-Dichloroet...	0.588	0.690	0.610	0.680	0.706	0.693	0.661	7.45
43)	T	Isopropyl Acetate	0.971	1.085	0.976	1.084	1.145	1.135	1.066	7.11
44)	TM	Trichloroethene	0.320	0.374	0.346	0.377	0.390	0.387	0.366	7.44
45)	C	1,2-Dichloropr...	0.369	0.423	0.382	0.429	0.451	0.450	0.417	8.25#
46)	T	Dibromomethane	0.247	0.288	0.265	0.291	0.308	0.304	0.284	8.26
47)	T	Bromodichlorom...	0.606	0.642	0.594	0.642	0.670	0.667	0.637	4.91
48)	T	Methyl methacr...	0.439	0.500	0.445	0.483	0.526	0.523	0.486	7.73
49)	T	1,4-Dioxane	0.005	0.006	0.007	0.007	0.008	0.008	0.007	14.95
50)	S	Toluene-d8		1.336	1.135	1.244	1.306	1.352	1.275	6.91
51)	T	4-Methyl-2-Pen...	0.512	0.632	0.569	0.631	0.673	0.666	0.614	10.07
52)	CM	Toluene	0.859	1.023	0.909	1.007	1.058	1.046	0.984	8.21#
53)	T	t-1,3-Dichloro...	0.591	0.721	0.644	0.727	0.775	0.773	0.705	10.42
54)	T	cis-1,3-Dichlo...	0.584	0.740	0.667	0.731	0.776	0.779	0.713	10.53
55)	T	1,1,2-Trichlor...	0.361	0.382	0.351	0.383	0.407	0.399	0.380	5.67
56)	T	Ethyl methacry...	0.575	0.697	0.629	0.699	0.745	0.758	0.684	10.21

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57)	T	1,3-Dichloropr...	0.641	0.711	0.632	0.702	0.744	0.739	0.695	6.89
58)	T	2-Chloroethyl ...	0.212	0.187	0.169	0.195	0.213	0.218	0.199	9.47
59)	T	2-Hexanone	0.386	0.462	0.407	0.460	0.490	0.492	0.450	9.71
60)	T	Dibromochlorom...	0.336	0.428	0.384	0.429	0.457	0.462	0.416	11.55
61)	T	1,2-Dibromoethane	0.360	0.410	0.361	0.401	0.430	0.428	0.398	7.83
62)	S	4-Bromofluorob...		0.538	0.444	0.510	0.549	0.589	0.526	10.21
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.319	0.378	0.349	0.366	0.367	0.351	0.355	5.88
65)	PM	Chlorobenzene	0.969	1.096	1.020	1.121	1.177	1.146	1.088	7.26
66)	T	1,1,1,2-Tetrac...	0.345	0.407	0.385	0.421	0.443	0.430	0.405	8.83
67)	C	Ethyl Benzene	1.949	2.152	2.017	2.221	2.318	2.253	2.152	6.63#
68)	T	m/p-Xylenes	0.723	0.755	0.713	0.783	0.816	0.800	0.765	5.47
69)	T	o-Xylene	0.676	0.749	0.699	0.771	0.803	0.791	0.748	6.80
70)	T	Styrene	1.057	1.193	1.148	1.315	1.378	1.370	1.244	10.50
71)	P	Bromoform	0.256	0.292	0.286	0.321	0.350	0.352	0.310	12.29
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.429	5.111	4.617	4.811	4.944	4.875	4.798	5.06
74)	T	N-amyl acetate	2.065	2.443	2.219	2.387	2.469	2.470	2.342	7.05
75)	P	1,1,2,2-Tetrac...	1.356	1.534	1.358	1.434	1.474	1.426	1.430	4.78
76)	T	1,2,3-Trichlor...	1.096	1.456	1.362	1.332	1.281	1.263	1.298	9.27
77)	T	Bromobenzene	0.878	1.044	0.928	0.974	1.013	1.025	0.977	6.50
78)	T	n-propylbenzene	5.157	5.952	5.439	5.764	5.989	5.940	5.706	5.92
79)	T	2-Chlorotoluene	3.382	3.656	3.378	3.550	3.666	3.687	3.553	4.00
80)	T	1,3,5-Trimethy...	3.651	4.293	3.821	4.105	4.197	4.184	4.042	6.19
81)	T	trans-1,4-Dich...		0.532	0.457	0.514	0.556	0.560	0.524	7.95
82)	T	4-Chlorotoluene	3.043	3.706	3.376	3.577	3.735	3.790	3.538	8.03
83)	T	tert-Butylbenzene	2.879	3.307	3.113	3.274	3.333	3.404	3.218	5.98
84)	T	1,2,4-Trimethy...	3.640	4.230	3.819	4.021	4.144	4.103	3.993	5.57
85)	T	sec-Butylbenzene	3.944	4.704	4.411	4.644	4.793	4.842	4.556	7.37
86)	T	p-Isopropyltol...	3.318	3.893	3.458	3.703	3.851	3.841	3.677	6.45
87)	T	1,3-Dichlorobe...	1.626	1.795	1.680	1.804	1.841	1.829	1.762	4.99
88)	T	1,4-Dichlorobe...	1.696	1.797	1.658	1.802	1.852	1.832	1.773	4.38
89)	T	n-Butylbenzene	2.912	3.628	3.279	3.508	3.696	3.709	3.455	8.98
90)	T	Hexachloroethane	0.585	0.672	0.694	0.754	0.808	0.802	0.719	11.94
91)	T	1,2-Dichlorobe...	1.470	1.716	1.618	1.743	1.760	1.725	1.672	6.62
92)	T	1,2-Dibromo-3-...	0.384	0.372	0.322	0.355	0.359	0.354	0.358	5.80
93)	T	1,2,4-Trichlor...	0.665	0.861	0.818	0.916	0.977	1.001	0.873	14.07
94)	T	Hexachlorobuta...	0.524	0.510	0.481	0.501	0.499	0.494	0.501	2.92
95)	T	Naphthalene	1.969	2.326	2.517	2.868	3.102	3.179	2.660	17.77
96)	T	1,2,3-Trichlor...	0.678	0.813	0.786	0.867	0.927	0.957	0.838	12.13

(#) = Out of Range