Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N052121W.M
Title : SW846 8260
Last Update : Fri May 21 17:24:08 2021
Response Via : Initial Calibration

Calibration Files
1 =VN067157.D 5 =VN067158.D 20 =VN067159.D 40 =VN067160.D 50 =VN067161.D 100 =VN067162.D

		Compound	1	5	20	40	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.483	0.679	0.619	0.674	0.690	0.690	0.639	12.67
3)	P	Chloromethane	0.854	0.971	0.802	0.897	0.911	0.938	0.896	6.74
4)	C	Vinyl Chloride	0.661	0.826	0.708	0.779	0.809	0.830	0.769	9.04#
5)	T	Bromomethane		0.479	0.413	0.447	0.427	0.315	0.416	14.92
6)	T	Chloroethane	0.351	0.427	0.397	0.431	0.449	0.417	0.412	8.34
7)	T	Trichlorofluor...	0.773	1.012	0.857	0.926	0.958	0.966	0.915	9.47
8)	T	Diethyl Ether	0.390	0.463	0.389	0.425	0.426	0.445	0.423	6.96
9)	T	1,1,2-Trichlor...	0.487	0.628	0.549	0.587	0.608	0.617	0.579	9.22
10)	T	Methyl Iodide		0.850	0.764	0.867	0.873	0.908	0.852	6.28
11)	T	Tert butyl alc...		0.198	0.136	0.157	0.158	0.169	0.163	13.86
12)	CM	1,1-Dichloroet...	0.534	0.645	0.547	0.596	0.633	0.648	0.601	8.38#
13)	T	Acrolein		0.152	0.118	0.128	0.132	0.149	0.136	10.54
14)	T	Allyl chloride	1.198	1.449	1.202	1.326	1.348	1.395	1.320	7.72
15)	T	Acrylonitrile	0.248	0.361	0.309	0.360	0.362	0.377	0.336	14.54
16)	T	Acetone	0.310	0.349	0.282	0.319	0.324	0.330	0.319	7.00
17)	T	Carbon Disulfide	1.573	1.981	1.707	1.870	1.952	1.989	1.845	9.20
18)	T	Methyl Acetate	0.787	0.975	0.797	0.901	0.923	0.959	0.890	9.03
19)	T	Methyl tert-bu...	1.634	2.232	1.850	2.040	2.099	2.139	1.999	10.98
20)	T	Methylene Chlo...	0.920	0.867	0.670	0.740	0.743	0.765	0.784	11.75
21)	T	trans-1,2-Dich...	0.593	0.699	0.617	0.657	0.674	0.690	0.655	6.46
22)	T	Diisopropyl ether	2.004	2.509	2.098	2.302	2.366	2.402	2.280	8.43
23)	T	Vinyl Acetate	1.594	2.279	1.963	2.194	2.252	2.283	2.094	13.03
24)	P	1,1-Dichloroet...	1.138	1.466	1.216	1.335	1.369	1.396	1.320	9.21
25)	T	2-Butanone	0.404	0.528	0.462	0.531	0.546	0.571	0.507	12.21
26)	T	2,2-Dichloropr...	1.068	1.251	1.026	1.120	1.132	1.131	1.121	6.78
27)	T	cis-1,2-Dichlo...	0.663	0.820	0.696	0.772	0.802	0.814	0.761	8.74
28)	T	Bromochloromet...	0.562	0.725	0.601	0.615	0.653	0.679	0.639	9.13
29)	T	Tetrahydrofuran	0.293	0.352	0.304	0.333	0.339	0.352	0.329	7.63
30)	C	Chloroform	1.196	1.399	1.174	1.292	1.310	1.351	1.287	6.79#
31)	T	Cyclohexane		1.428	1.081	1.131	1.168	1.195	1.201	11.16
32)	T	1,1,1-Trichlor...	0.958	1.204	1.023	1.111	1.143	1.171	1.102	8.50
33)	S	1,2-Dichloroet...		0.838	0.687	0.747	0.775	0.833	0.776	8.10
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.334	0.273	0.286	0.310	0.332	0.307	8.80
36)	T	1,1-Dichloropr...	0.466	0.558	0.458	0.498	0.516	0.537	0.506	7.82
37)	T	Ethyl Acetate	0.435	0.565	0.517	0.592	0.612	0.623	0.557	12.72
38)	T	Carbon Tetrach...	0.492	0.526	0.453	0.480	0.497	0.508	0.492	5.07
39)	T	Methylcyclohexane	0.477	0.595	0.525	0.553	0.583	0.601	0.556	8.60
40)	TM	Benzene	1.377	1.677	1.422	1.547	1.597	1.653	1.545	7.92
41)	T	Methacrylonitrile	0.252	0.259	0.243	0.289	0.273	0.287	0.267	7.03
42)	TM	1,2-Dichloroet...	0.463	0.575	0.490	0.529	0.540	0.559	0.526	8.06
43)	T	Isopropyl Acetate	0.844	1.018	0.880	0.984	1.014	1.062	0.967	8.87
44)	TM	Trichloroethene	0.286	0.380	0.325	0.350	0.362	0.374	0.346	10.23
45)	C	1,2-Dichloropr...	0.377	0.459	0.385	0.420	0.435	0.453	0.422	8.17#
46)	T	Dibromomethane	0.234	0.278	0.232	0.259	0.270	0.275	0.258	7.89
47)	T	Bromodichlorom...	0.453	0.573	0.499	0.544	0.566	0.588	0.537	9.59
48)	T	Methyl methacr...	0.352	0.436	0.391	0.441	0.462	0.496	0.430	11.92
49)	T	1,4-Dioxane	0.003	0.005	0.004	0.006	0.006	0.006	0.005	25.40
50)	S	Toluene-d8		1.266	1.029	1.122	1.194	1.294	1.181	9.15
51)	T	4-Methyl-2-Pen...	0.342	0.557	0.503	0.583	0.598	0.631	0.536	19.47
52)	CM	Toluene	0.797	0.996	0.850	0.950	0.984	1.012	0.931	9.42#
53)	T	t-1,3-Dichloro...	0.430	0.591	0.521	0.600	0.626	0.662	0.572	14.61
54)	T	cis-1,3-Dichlo...	0.537	0.675	0.589	0.653	0.676	0.718	0.641	10.32
55)	T	1,1,2-Trichlor...	0.284	0.390	0.336	0.368	0.387	0.393	0.360	11.80
56)	T	Ethyl methacry...	0.266	0.539	0.495	0.593	0.618	0.667	0.530	26.87

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57)	T	1,3-Dichloropr...	0.516	0.667	0.572	0.643	0.661	0.690	0.625	10.68
58)	T	2-Chloroethyl ...	0.045	0.073	0.064	0.088	0.096	0.111	0.080	29.67
59)	T	2-Hexanone	0.080	0.259	0.286	0.373	0.395	0.432	0.304	42.01
60)	T	Dibromochlorom...	0.279	0.401	0.346	0.386	0.398	0.425	0.373	14.06
61)	T	1,2-Dibromoethane	0.238	0.397	0.328	0.373	0.387	0.409	0.355	17.96
62)	S	4-Bromofluorob...		0.362	0.330	0.404	0.435	0.489	0.404	15.39
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.341	0.392	0.319	0.332	0.334	0.331	0.341	7.53
65)	PM	Chlorobenzene	0.908	1.100	0.922	1.033	1.065	1.097	1.021	8.38
66)	T	1,1,1,2-Tetrac...	0.343	0.446	0.353	0.389	0.397	0.402	0.388	9.55
67)	C	Ethyl Benzene	1.578	2.026	1.751	1.973	2.060	2.096	1.914	10.70#
68)	T	m/p-Xylenes	0.486	0.696	0.638	0.720	0.749	0.777	0.678	15.54
69)	T	o-Xylene	0.586	0.748	0.626	0.719	0.750	0.757	0.698	10.49
70)	T	Styrene	0.651	0.952	0.962	1.133	1.206	1.258	1.027	21.71
71)	P	Bromoform	0.165	0.263	0.247	0.280	0.291	0.305	0.259	19.34
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.258	5.762	4.600	4.868	4.807	5.060	4.892	10.34
74)	T	N-amyl acetate			0.059	0.810	1.166	1.660	0.924	72.96
75)	P	1,1,2,2-Tetrac...	1.419	1.921	1.554	1.611	1.637	1.632	1.629	10.11
76)	T	1,2,3-Trichlor...	1.381	1.255	1.280	1.423	1.466	1.546	1.392	7.98
77)	T	Bromobenzene	0.797	1.073	0.941	1.028	1.038	1.084	0.993	10.94
78)	T	n-propylbenzene	3.796	5.664	5.064	5.480	5.553	5.963	5.253	14.68
79)	T	2-Chlorotoluene	2.874	3.916	3.249	3.376	3.390	3.596	3.400	10.22
80)	T	1,3,5-Trimethy...	3.797	4.503	3.734	3.961	3.997	4.227	4.036	7.09
81)	T	trans-1,4-Dich...		0.285	0.304	0.434	0.436	0.522	0.396	25.25
82)	T	4-Chlorotoluene	2.049	3.117	2.946	3.279	3.351	3.551	3.049	17.42
83)	T	tert-Butylbenzene	4.238	4.099	3.140	3.329	3.369	3.540	3.619	12.32
84)	T	1,2,4-Trimethy...	3.032	3.959	3.420	3.690	3.776	4.043	3.653	10.26
85)	T	sec-Butylbenzene	3.570	5.059	4.303	4.626	4.666	5.008	4.539	12.10
86)	T	p-Isopropyltol...	2.546	3.900	3.314	3.698	3.774	4.045	3.546	15.46
87)	T	1,3-Dichlorobe...	1.329	1.746	1.530	1.711	1.737	1.863	1.653	11.58
88)	T	1,4-Dichlorobe...	1.945	1.756	1.538	1.718	1.755	1.855	1.761	7.79
89)	T	n-Butylbenzene	2.566	2.855	2.558	2.989	3.167	3.500	2.939	12.36
90)	T	Hexachloroethane	0.756	0.822	0.654	0.700	0.700	0.739	0.728	7.96
91)	T	1,2-Dichlorobe...	1.201	1.636	1.523	1.647	1.701	1.746	1.576	12.59
92)	T	1,2-Dibromo-3-...		0.257	0.271	0.267	0.275	0.287	0.271	3.99
93)	T	1,2,4-Trichlor...	0.489	0.708	0.646	0.781	0.824	0.912	0.727	20.45
94)	T	Hexachlorobuta...	0.437	0.489	0.391	0.425	0.433	0.439	0.436	7.23
95)	T	Naphthalene	1.092	1.436	1.742	2.265	2.543	2.693	1.961	32.61
96)	T	1,2,3-Trichlor...	0.545	0.693	0.659	0.755	0.787	0.858	0.716	15.28

(#) = Out of Range