Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N072921W.M
Title : SW846 8260
Last Update : Thu Jul 29 15:02:35 2021
Response Via : Initial Calibration

Calibration Files
1 =VN067965.D 5 =VN067957.D 10 =VN067964.D 20 =VN067958.D 50 =VN067959.D 100 =VN067960.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.458	0.575	0.482	0.492	0.528	0.540	0.512	8.35
3)	P	Chloromethane	0.651	0.730	0.568	0.616	0.637	0.616	0.636	8.49
4)	C	Vinyl Chloride	0.892	1.177	0.909	0.974	1.020	0.987	0.993	10.29#
5)	T	Bromomethane		1.108	0.862	0.814	0.794	0.846	0.885	14.42
6)	T	Chloroethane	0.711	0.984	0.712	0.749	0.768	0.695	0.770	14.07
7)	T	Trichlorofluor...	1.727	2.204	1.695	1.732	1.783	1.654	1.799	11.26
8)	T	Diethyl Ether	0.298	0.399	0.331	0.334	0.366	0.323	0.342	10.38
9)	T	1,1,2-Trichlor...	0.504	0.603	0.489	0.491	0.516	0.509	0.519	8.21
10)	T	Methyl Iodide		0.609	0.437	0.567	0.663	0.705	0.596	17.36
11)	T	Tert butyl alc...		0.105	0.083	0.091	0.099	0.097	0.095	8.69
12)	CM	1,1-Dichloroet...	0.401	0.567	0.442	0.457	0.489	0.489	0.474	11.82#
13)	T	Acrolein		0.052	0.058	0.066	0.072	0.074	0.064	14.56
14)	T	Allyl chloride	0.781	0.914	0.728	0.746	0.827	0.836	0.805	8.46
15)	T	Acrylonitrile	0.214	0.315	0.245	0.251	0.283	0.288	0.266	13.51
16)	T	Acetone	0.286	0.309	0.263	0.233	0.232	0.228	0.258	12.95
17)	T	Carbon Disulfide	1.462	1.488	1.219	1.250	1.386	1.445	1.375	8.29
18)	T	Methyl Acetate	0.754	0.849	0.560	0.589	0.622	0.621	0.666	16.77
19)	T	Methyl tert-bu...	1.481	2.026	1.645	1.707	1.909	1.911	1.780	11.44
20)	T	Methylene Chlo...	0.913	0.712	0.594	0.559	0.607	0.594	0.663	20.04
21)	T	trans-1,2-Dich...	0.499	0.636	0.505	0.519	0.570	0.580	0.551	9.68
22)	T	Diisopropyl ether	1.401	2.007	1.670	1.713	1.928	2.005	1.787	13.34
23)	T	Vinyl Acetate	1.143	1.646	1.332	1.432	1.638	1.738	1.488	15.23
24)	P	1,1-Dichloroet...	0.893	1.229	0.961	0.992	1.074	1.055	1.034	11.19
25)	T	2-Butanone	0.324	0.435	0.347	0.353	0.392	0.397	0.375	10.87
26)	T	2,2-Dichloropr...	0.804	1.039	0.828	0.856	0.948	0.950	0.904	9.93
27)	T	cis-1,2-Dichlo...	0.587	0.742	0.600	0.615	0.691	0.697	0.656	9.61
28)	T	Bromochloromet...	0.433	0.548	0.463	0.489	0.503	0.521	0.493	8.31
29)	T	Tetrahydrofuran	0.202	0.266	0.208	0.231	0.263	0.270	0.240	12.67
30)	C	Chloroform	1.014	1.337	1.062	1.087	1.192	1.176	1.145	10.16#
31)	T	Cyclohexane		1.304	0.986	0.928	1.001	1.002	1.044	14.19
32)	T	1,1,1-Trichlor...	0.798	1.121	0.918	0.962	1.067	1.067	0.989	12.12
33)	S	1,2-Dichloroet...		0.842	0.582	0.678	0.707	0.729	0.708	13.25
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.324	0.241	0.266	0.298	0.329	0.291	13.01
36)	T	1,1-Dichloropr...	0.432	0.501	0.424	0.421	0.493	0.504	0.462	8.76
37)	T	Ethyl Acetate	0.415	0.468	0.378	0.396	0.466	0.489	0.435	10.39
38)	T	Carbon Tetrach...	0.352	0.492	0.412	0.432	0.509	0.532	0.455	14.97
39)	T	Methylcyclohexane	0.416	0.530	0.464	0.458	0.552	0.580	0.500	12.72
40)	TM	Benzene	1.176	1.496	1.250	1.296	1.471	1.527	1.369	10.75
41)	T	Methacrylonitrile	0.182	0.231	0.177	0.192	0.223	0.239	0.207	13.03
42)	TM	1,2-Dichloroet...	0.445	0.586	0.463	0.485	0.527	0.529	0.506	10.21
43)	T	Isopropyl Acetate	0.596	0.789	0.659	0.672	0.792	0.845	0.725	13.35
44)	TM	Trichloroethene	0.300	0.381	0.321	0.318	0.371	0.386	0.346	10.80
45)	C	1,2-Dichloropr...	0.295	0.376	0.315	0.320	0.366	0.374	0.341	10.31#
46)	T	Dibromomethane	0.204	0.279	0.221	0.234	0.264	0.278	0.247	12.84
47)	T	Bromodichlorom...	0.364	0.503	0.423	0.454	0.526	0.550	0.470	14.85
48)	T	Methyl methacr...	0.254	0.341	0.273	0.287	0.343	0.377	0.313	15.29
49)	T	1,4-Dioxane	0.005	0.007	0.005	0.005	0.006	0.007	0.006	14.73
50)	S	Toluene-d8		1.223	0.945	1.072	1.224	1.433	1.179	15.56
51)	T	4-Methyl-2-Pen...	0.347	0.479	0.393	0.415	0.497	0.553	0.447	16.96
52)	CM	Toluene	0.727	0.906	0.798	0.837	0.994	1.077	0.890	14.55#
53)	T	t-1,3-Dichloro...	0.369	0.485	0.429	0.453	0.564	0.627	0.488	19.20
54)	T	cis-1,3-Dichlo...	0.388	0.558	0.459	0.491	0.593	0.643	0.522	17.96
55)	T	1,1,2-Trichlor...	0.291	0.384	0.309	0.315	0.371	0.399	0.345	13.05
56)	T	Ethyl methacry...	0.362	0.502	0.422	0.462	0.577	0.655	0.497	21.36

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57)	T	1,3-Dichloropr...	0.464	0.611	0.501	0.523	0.618	0.657	0.562	13.63
58)	T	2-Chloroethyl ...	0.047	0.086	0.050	0.076	0.109	0.131	0.083	39.80
59)	T	2-Hexanone	0.278	0.337	0.274	0.290	0.353	0.395	0.321	15.16
60)	T	Dibromochlorom...	0.258	0.344	0.290	0.313	0.396	0.457	0.343	21.29
61)	T	1,2-Dibromoethane	0.301	0.382	0.301	0.323	0.393	0.424	0.354	14.86
62)	S	4-Bromofluorob...		0.407	0.306	0.357	0.438	0.534	0.409	21.07
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.312	0.394	0.350	0.348	0.376	0.369	0.358	7.95
65)	PM	Chlorobenzene	0.934	1.084	0.933	0.947	1.063	1.140	1.017	8.86
66)	T	1,1,1,2-Tetrac...	0.262	0.376	0.320	0.345	0.401	0.422	0.354	16.43
67)	C	Ethyl Benzene	1.516	1.873	1.669	1.718	1.994	2.096	1.811	11.96#
68)	T	m/p-Xylenes	0.527	0.684	0.624	0.648	0.771	0.816	0.678	15.39
69)	T	o-Xylene	0.535	0.680	0.599	0.629	0.749	0.802	0.666	14.81
70)	T	Styrene	0.795	1.036	0.967	1.021	1.256	1.370	1.074	19.29
71)	P	Bromoform	0.139	0.222	0.196	0.220	0.284	0.344	0.234	30.47
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.875	4.662	3.880	3.858	3.926	4.275	4.079	8.00
74)	T	N-amyl acetate	1.577	1.504	1.187	1.310	1.408	1.522	1.418	10.39
75)	P	1,1,2,2-Tetrac...	1.183	1.514	1.161	1.205	1.143	1.190	1.233	11.31
76)	T	1,2,3-Trichlor...	1.053	1.179	0.982	0.943	0.912	0.956	1.004	9.77
77)	T	Bromobenzene	0.907	1.055	0.869	0.874	0.901	1.013	0.937	8.34
78)	T	n-propylbenzene	4.420	5.083	4.354	4.417	4.516	4.831	4.604	6.30
79)	T	2-Chlorotoluene	2.657	3.243	2.663	2.684	2.704	2.882	2.806	8.21
80)	T	1,3,5-Trimethy...	2.966	3.702	3.102	3.224	3.353	3.492	3.306	8.09
81)	T	trans-1,4-Dich...		0.326	0.256	0.288	0.338	0.383	0.318	15.25
82)	T	4-Chlorotoluene	2.789	3.194	2.655	2.640	2.730	2.892	2.817	7.34
83)	T	tert-Butylbenzene	2.436	3.034	2.621	2.621	2.774	3.009	2.749	8.61
84)	T	1,2,4-Trimethy...	2.673	3.515	3.044	3.157	3.319	3.515	3.204	10.03
85)	T	sec-Butylbenzene	3.515	4.220	3.670	3.665	3.867	4.138	3.846	7.35
86)	T	p-Isopropyltol...	2.634	3.210	2.826	2.939	3.233	3.515	3.060	10.45
87)	T	1,3-Dichlorobe...	1.775	1.872	1.561	1.552	1.719	1.845	1.720	8.02
88)	T	1,4-Dichlorobe...	1.908	1.777	1.542	1.524	1.661	1.781	1.699	8.86
89)	T	n-Butylbenzene	2.852	2.727	2.359	2.357	2.619	2.828	2.624	8.45
90)	T	Hexachloroethane	0.408	0.591	0.467	0.507	0.551	0.616	0.523	14.97
91)	T	1,2-Dichlorobe...	1.739	1.729	1.460	1.484	1.613	1.695	1.620	7.61
92)	T	1,2-Dibromo-3-...	0.194	0.224	0.179	0.186	0.193	0.205	0.197	8.06
93)	T	1,2,4-Trichlor...	0.977	0.627	0.590	0.560	0.662	0.764	0.697	22.17
94)	T	Hexachlorobuta...	0.422	0.350	0.320	0.293	0.311	0.324	0.337	13.55
95)	T	Naphthalene	3.389	1.369	1.618	1.471	1.890	2.216	1.992	37.65
96)	T	1,2,3-Trichlor...	1.038	0.571	0.587	0.537	0.621	0.723	0.679	27.52

(#) = Out of Range