Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N062421W.M
Title : SW846 8260
Last Update : Thu Jun 24 12:18:45 2021
Response Via : Initial Calibration

Calibration Files
1 =VN067471.D 5 =VN067472.D 20 =VN067473.D 50 =VN067474.D 100 =VN067475.D 150 =VN067476.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.729	0.869	0.789	0.889	0.900	0.862	0.840	7.95
3)	P	Chloromethane	0.910	0.993	0.887	0.962	0.946	0.934	0.939	3.99
4)	C	Vinyl Chloride	0.762	0.853	0.787	0.871	0.892	0.859	0.837	6.11#
5)	T	Bromomethane		0.537	0.434	0.470	0.459	0.412	0.462	10.28
6)	T	Chloroethane	0.528	0.570	0.505	0.551	0.561	0.525	0.540	4.57
7)	T	Trichlorofluor...	1.138	1.363	1.205	1.313	1.318	1.264	1.267	6.54
8)	T	Diethyl Ether	0.468	0.563	0.492	0.537	0.540	0.518	0.520	6.70
9)	T	1,1,2-Trichlor...	0.596	0.737	0.664	0.719	0.734	0.706	0.692	7.81
10)	T	Methyl Iodide		0.655	0.678	0.799	0.846	0.835	0.762	11.80
11)	T	Tert butyl alc...		0.200	0.137	0.161	0.168	0.169	0.167	13.35
12)	CM	1,1-Dichloroet...	0.548	0.760	0.658	0.718	0.718	0.707	0.685	10.90#
13)	T	Acrolein		0.151	0.122	0.144	0.148	0.146	0.142	8.06
14)	T	Allyl chloride	1.549	1.535	1.355	1.513	1.550	1.511	1.502	4.94
15)	T	Acrylonitrile	0.381	0.475	0.413	0.462	0.481	0.458	0.445	8.84
16)	T	Acetone	0.427	0.411	0.372	0.379	0.388	0.373	0.392	5.75
17)	T	Carbon Disulfide	1.986	2.317	2.070	2.308	2.374	2.337	2.232	7.26
18)	T	Methyl Acetate	1.198	1.233	0.952	1.043	1.079	1.054	1.093	9.56
19)	T	Methyl tert-bu...	2.288	2.886	2.564	2.827	2.894	2.833	2.715	8.91
20)	T	Methylene Chlo...	0.995	1.028	0.829	0.897	0.897	0.885	0.922	8.08
21)	T	trans-1,2-Dich...	0.614	0.810	0.692	0.758	0.785	0.755	0.736	9.71
22)	T	Diisopropyl ether	2.384	3.238	2.797	3.116	3.168	3.018	2.954	10.78
23)	T	Vinyl Acetate	1.977	2.625	2.351	2.673	2.759	2.651	2.506	11.72
24)	P	1,1-Dichloroet...	1.377	1.706	1.523	1.677	1.727	1.661	1.612	8.40
25)	T	2-Butanone	0.520	0.665	0.574	0.626	0.647	0.621	0.609	8.72
26)	T	2,2-Dichloropr...	1.180	1.506	1.261	1.431	1.452	1.402	1.372	9.11
27)	T	cis-1,2-Dichlo...	0.727	0.974	0.816	0.906	0.921	0.872	0.869	10.05
28)	T	Bromochloromet...	0.653	0.849	0.698	0.774	0.800	0.836	0.768	10.16
29)	T	Tetrahydrofuran	0.302	0.401	0.372	0.411	0.424	0.402	0.386	11.52
30)	C	Chloroform	1.304	1.622	1.420	1.607	1.659	1.600	1.535	9.18#
31)	T	Cyclohexane		1.979	1.479	1.572	1.616	1.543	1.638	12.01
32)	T	1,1,1-Trichlor...	1.021	1.332	1.207	1.362	1.411	1.373	1.285	11.43
33)	S	1,2-Dichloroet...		1.049	0.908	0.983	1.069	1.108	1.023	7.70
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.321	0.278	0.293	0.320	0.329	0.308	6.98
36)	T	1,1-Dichloropr...	0.513	0.578	0.510	0.586	0.606	0.587	0.563	7.30
37)	T	Ethyl Acetate	0.561	0.585	0.547	0.619	0.646	0.612	0.595	6.29
38)	T	Carbon Tetrach...	0.374	0.498	0.443	0.502	0.535	0.526	0.480	12.70
39)	T	Methylcyclohexane	0.607	0.676	0.603	0.667	0.686	0.657	0.649	5.50
40)	TM	Benzene	1.438	1.805	1.550	1.713	1.753	1.670	1.655	8.28
41)	T	Methacrylonitrile	0.272	0.310	0.276	0.299	0.321	0.326	0.301	7.55
42)	TM	1,2-Dichloroet...	0.524	0.634	0.547	0.621	0.650	0.637	0.602	8.81
43)	T	Isopropyl Acetate	0.819	1.091	0.955	1.065	1.132	1.096	1.026	11.51
44)	TM	Trichloroethene	0.265	0.341	0.313	0.339	0.359	0.344	0.327	10.26
45)	C	1,2-Dichloropr...	0.395	0.474	0.427	0.474	0.480	0.470	0.453	7.63#
46)	T	Dibromomethane	0.235	0.293	0.255	0.286	0.295	0.284	0.275	8.73
47)	T	Bromodichlorom...	0.482	0.557	0.514	0.590	0.621	0.612	0.563	9.92
48)	T	Methyl methacr...	0.348	0.480	0.413	0.454	0.490	0.481	0.444	12.36
49)	T	1,4-Dioxane	0.005	0.007	0.006	0.007	0.007	0.007	0.006	13.88
50)	S	Toluene-d8		1.351	1.183	1.295	1.360	1.381	1.314	6.08
51)	T	4-Methyl-2-Pen...	0.472	0.642	0.568	0.629	0.655	0.629	0.599	11.51
52)	CM	Toluene	0.829	1.017	0.910	1.032	1.029	0.981	0.966	8.42#
53)	T	t-1,3-Dichloro...	0.450	0.615	0.572	0.684	0.733	0.727	0.630	17.21
54)	T	cis-1,3-Dichlo...	0.529	0.699	0.648	0.747	0.779	0.767	0.695	13.58
55)	T	1,1,2-Trichlor...	0.292	0.403	0.345	0.397	0.400	0.385	0.370	11.84
56)	T	Ethyl methacry...	0.517	0.680	0.613	0.711	0.755	0.728	0.667	13.24

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57)	T	1,3-Dichloropr...	0.583	0.731	0.651	0.743	0.758	0.738	0.701	9.82
58)	T	2-Chloroethyl ...	0.098	0.139	0.137	0.162	0.176	0.188	0.150	21.57
59)	T	2-Hexanone	0.326	0.441	0.394	0.448	0.468	0.455	0.422	12.69
60)	T	Dibromochlorom...	0.214	0.319	0.302	0.367	0.396	0.388	0.331	20.73
61)	T	1,2-Dibromoethane	0.271	0.372	0.335	0.387	0.404	0.392	0.360	13.78
62)	S	4-Bromofluorob...		0.479	0.395	0.448	0.495	0.524	0.468	10.57
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.315	0.352	0.313	0.333	0.333	0.305	0.325	5.31
65)	PM	Chlorobenzene	0.896	1.099	0.970	1.088	1.113	1.069	1.039	8.36
66)	T	1,1,1,2-Tetrac...	0.245	0.365	0.330	0.372	0.387	0.374	0.345	15.34
67)	C	Ethyl Benzene	1.856	2.248	1.996	2.215	2.241	2.143	2.117	7.49#
68)	T	m/p-Xylenes	0.586	0.774	0.682	0.742	0.773	0.743	0.717	10.06
69)	T	o-Xylene	0.571	0.763	0.692	0.747	0.758	0.729	0.710	10.27
70)	T	Styrene	0.922	1.186	1.115	1.238	1.269	1.240	1.162	11.13
71)	P	Bromoform	0.130	0.215	0.211	0.254	0.283	0.280	0.229	25.11
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.787	5.693	4.778	5.254	5.162	4.867	5.090	7.00
74)	T	N-amyl acetate	2.045	2.592	2.230	2.585	2.683	2.607	2.457	10.45
75)	P	1,1,2,2-Tetrac...	1.497	1.866	1.578	1.667	1.671	1.600	1.646	7.60
76)	T	1,2,3-Trichlor...	1.296	1.741	1.354	1.498	1.602	1.339	1.472	11.88
77)	T	Bromobenzene	0.855	1.035	0.881	0.976	0.963	0.919	0.938	7.10
78)	T	n-propylbenzene	5.648	6.794	5.934	6.533	6.521	6.230	6.277	6.79
79)	T	2-Chlorotoluene	3.498	4.159	3.500	3.850	3.891	3.713	3.768	6.74
80)	T	1,3,5-Trimethy...	3.654	4.593	3.919	4.351	4.323	4.102	4.157	8.10
81)	T	trans-1,4-Dich...		0.476	0.467	0.561	0.594	0.591	0.538	11.55
82)	T	4-Chlorotoluene	3.260	4.060	3.379	3.802	3.917	3.781	3.700	8.46
83)	T	tert-Butylbenzene	2.934	3.581	3.109	3.363	3.436	3.270	3.282	7.09
84)	T	1,2,4-Trimethy...	3.634	4.516	3.803	4.233	4.236	4.045	4.078	7.87
85)	T	sec-Butylbenzene	4.270	5.416	4.628	5.123	5.130	4.911	4.913	8.33
86)	T	p-Isopropyltol...	3.047	3.990	3.447	3.819	3.884	3.741	3.655	9.57
87)	T	1,3-Dichlorobe...	1.475	1.913	1.601	1.748	1.776	1.699	1.702	8.86
88)	T	1,4-Dichlorobe...	1.580	1.759	1.581	1.748	1.816	1.729	1.702	5.80
89)	T	n-Butylbenzene	3.074	3.841	3.357	3.831	4.002	3.863	3.661	9.89
90)	T	Hexachloroethane	0.536	0.699	0.626	0.748	0.792	0.778	0.697	14.23
91)	T	1,2-Dichlorobe...	1.382	1.801	1.610	1.763	1.747	1.671	1.662	9.23
92)	T	1,2-Dibromo-3-...	0.227	0.282	0.271	0.313	0.337	0.330	0.293	14.11
93)	T	1,2,4-Trichlor...	0.539	0.685	0.682	0.808	0.862	0.872	0.741	17.45
94)	T	Hexachlorobuta...	0.320	0.407	0.349	0.394	0.407	0.382	0.376	9.29
95)	T	Naphthalene	1.397	1.853	2.103	2.602	2.905	2.943	2.301	26.97
96)	T	1,2,3-Trichlor...	0.412	0.624	0.640	0.763	0.829	0.831	0.683	23.45

(#) = Out of Range