Response Factor Report 7890

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041021W.M
Title : SW846 8260
Last Update : Sat Apr 10 06:31:37 2021
Response Via : Initial Calibration

Calibration Files
1 =VN066562.D 5 =VN066563.D 20 =VN066564.D 50 =VN066565.D 100 =VN066566.D 150 =VN066567.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.690	0.790	0.679	0.735	0.760	0.749	0.734	5.78
3)	P	Chloromethane	1.490	1.250	0.897	0.927	0.918	0.918	1.067	23.18
4)	C	Vinyl Chloride	0.967	1.077	0.842	0.921	0.910	0.877	0.932	8.84#
5)	T	Bromomethane		0.742	0.557	0.580	0.571	0.578	0.606	12.64
6)	T	Chloroethane	0.696	0.713	0.573	0.587	0.596	0.531	0.616	11.73
7)	T	Trichlorofluor...	1.263	1.525	1.228	1.298	1.287	1.213	1.302	8.74
8)	T	Diethyl Ether	0.618	0.607	0.459	0.475	0.467	0.457	0.514	14.97
9)	T	1,1,2-Trichlor...	0.835	0.825	0.628	0.676	0.655	0.608	0.705	14.20
10)	T	Methyl Iodide		0.920	0.810	0.881	0.877	0.815	0.861	5.50
11)	T	Tert butyl alc...		0.158	0.120	0.130	0.130	0.135	0.135	10.57
12)	CM	1,1-Dichloroet...	0.812	0.779	0.592	0.633	0.636	0.598	0.675	14.15#
13)	T	Acrolein		0.172	0.177	0.160	0.160	0.153	0.164	5.91
14)	T	Allyl chloride	1.526	1.982	1.562	1.828	1.814	1.724	1.739	9.96
15)	T	Acrylonitrile	0.357	0.440	0.355	0.377	0.389	0.400	0.386	8.18
16)	T	Acetone	0.832	0.697	0.507	0.507	0.490	0.479	0.585	24.88
17)	T	Carbon Disulfide	3.157	2.492	1.941	2.084	2.026	1.914	2.269	21.27
18)	T	Methyl Acetate	2.172	2.103	1.484	1.447	1.444	1.350	1.667	22.08
19)	T	Methyl tert-bu...	1.838	2.251	1.811	1.983	2.119	2.097	2.017	8.50
20)	T	Methylene Chlo...	0.905	0.930	0.695	0.790	0.738	0.714	0.795	12.56
21)	T	trans-1,2-Dich...	0.616	0.676	0.528	0.578	0.604	0.585	0.598	8.17
22)	T	Diisopropyl ether	2.265	2.383	2.263	2.569	2.857	2.877	2.536	11.03
23)	T	Vinyl Acetate	1.919	2.295	1.998	2.275	2.496	2.557	2.257	11.39
24)	P	1,1-Dichloroet...	1.283	1.468	1.190	1.245	1.276	1.237	1.283	7.52
25)	T	2-Butanone	0.568	0.610	0.523	0.574	0.598	0.622	0.582	6.16
26)	T	2,2-Dichloropr...	1.068	1.152	0.927	1.016	1.044	1.010	1.036	7.16
27)	T	cis-1,2-Dichlo...	0.685	0.744	0.612	0.670	0.707	0.684	0.684	6.37
28)	T	Bromochloromet...	0.750	0.786	0.679	0.656	0.737	0.759	0.728	6.85
29)	T	Tetrahydrofuran	0.346	0.368	0.340	0.399	0.424	0.441	0.386	10.82
30)	C	Chloroform	1.167	1.434	1.175	1.283	1.324	1.292	1.279	7.79#
31)	T	Cyclohexane		1.308	0.979	1.105	1.200	1.185	1.155	10.56
32)	T	1,1,1-Trichlor...	0.979	1.188	1.006	1.117	1.154	1.119	1.094	7.59
33)	S	1,2-Dichloroet...		1.035	0.895	0.852	0.904	0.938	0.925	7.42
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.402	0.354	0.352	0.371	0.384	0.373	5.65
36)	T	1,1-Dichloropr...	0.591	0.554	0.495	0.551	0.594	0.582	0.561	6.65
37)	T	Ethyl Acetate	0.921	0.698	0.699	0.719	0.786	0.802	0.771	11.13
38)	T	Carbon Tetrach...	0.470	0.617	0.543	0.579	0.594	0.582	0.564	9.23
39)	T	Methylcyclohexane	0.602	0.502	0.488	0.607	0.665	0.663	0.588	13.09
40)	TM	Benzene	1.529	1.709	1.514	1.694	1.804	1.759	1.668	7.20
41)	T	Methacrylonitrile	0.285	0.414	0.302	0.340	0.395	0.410	0.358	15.84
42)	TM	1,2-Dichloroet...	0.696	0.763	0.656	0.685	0.710	0.687	0.699	5.14
43)	T	Isopropyl Acetate	1.197	1.291	1.124	1.267	1.343	1.366	1.265	7.20
44)	TM	Trichloroethene	0.447	0.410	0.341	0.371	0.394	0.392	0.392	9.07
45)	C	1,2-Dichloropr...	0.429	0.523	0.437	0.485	0.499	0.494	0.478	7.76#
46)	T	Dibromomethane	0.297	0.336	0.284	0.299	0.316	0.308	0.307	5.87
47)	T	Bromodichlorom...	0.588	0.681	0.603	0.653	0.686	0.666	0.646	6.39
48)	T	Methyl methacr...	0.569	0.506	0.502	0.629	0.669	0.682	0.593	13.37
49)	T	1,4-Dioxane	0.008	0.007	0.006	0.007	0.008	0.008	0.007	8.31
50)	S	Toluene-d8		1.323	1.240	1.373	1.474	1.542	1.390	8.63
51)	T	4-Methyl-2-Pen...	0.654	0.754	0.703	0.796	0.869	0.884	0.777	11.72
52)	CM	Toluene	1.029	0.928	0.890	1.057	1.134	1.103	1.023	9.43#
53)	T	t-1,3-Dichloro...	0.631	0.630	0.585	0.690	0.745	0.756	0.673	10.22
54)	T	cis-1,3-Dichlo...	0.615	0.691	0.608	0.709	0.783	0.772	0.696	10.68
55)	T	1,1,2-Trichlor...	0.405	0.447	0.388	0.423	0.440	0.436	0.423	5.34
56)	T	Ethyl methacry...	0.471	0.489	0.516	0.647	0.737	0.754	0.602	21.09

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041021W.M

57)	T	1,3-Dichloropr...	0.672	0.747	0.652	0.724	0.780	0.764	0.723	7.08
58)	T	2-Chloroethyl ...	0.029	0.043	0.044	0.060	0.082	0.096	0.059	43.41
59)	T	2-Hexanone	0.422	0.454	0.461	0.569	0.628	0.647	0.530	18.32
60)	T	Dibromochlorom...	0.421	0.450	0.434	0.478	0.501	0.494	0.463	7.08
61)	T	1,2-Dibromoethane	0.374	0.423	0.387	0.434	0.454	0.455	0.421	8.06
62)	S	4-Bromofluorob...		0.394	0.422	0.488	0.563	0.584	0.490	17.02
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.485	0.355	0.291	0.333	0.342	0.335	0.357	18.64
65)	PM	Chlorobenzene	1.385	1.092	0.969	1.087	1.116	1.104	1.126	12.23
66)	T	1,1,1,2-Tetrac...	0.426	0.449	0.377	0.425	0.432	0.423	0.422	5.69
67)	C	Ethyl Benzene	2.172	1.766	1.679	2.049	2.174	2.178	2.003	11.19#
68)	T	m/p-Xylenes	0.694	0.604	0.606	0.779	0.803	0.799	0.714	13.05
69)	T	o-Xylene	0.612	0.570	0.594	0.714	0.758	0.762	0.668	12.89
70)	T	Styrene	1.156	0.904	0.942	1.245	1.343	1.356	1.158	16.93
71)	P	Bromoform	0.262	0.311	0.290	0.344	0.355	0.359	0.320	12.16
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.398	3.707	3.317	3.928	4.285	4.086	3.954	10.07
74)	T	N-amyl acetate		0.246	0.683	1.583	2.128	2.240	1.376	64.09
75)	P	1,1,2,2-Tetrac...	1.675	1.828	1.406	1.446	1.448	1.389	1.532	11.65
76)	T	1,2,3-Trichlor...	1.497	1.369	1.168	1.346	1.339	1.285	1.334	8.07
77)	T	Bromobenzene	1.256	1.026	0.804	0.934	0.990	0.936	0.991	15.15
78)	T	n-propylbenzene	5.136	4.191	3.816	4.760	5.171	4.968	4.674	11.81
79)	T	2-Chlorotoluene	2.813	2.825	2.459	2.845	3.016	2.879	2.806	6.61
80)	T	1,3,5-Trimethy...	3.427	3.024	2.753	3.419	3.699	3.519	3.307	10.59
81)	T	trans-1,4-Dich...		0.372	0.293	0.404	0.464	0.451	0.397	17.28
82)	T	4-Chlorotoluene	3.310	2.515	2.339	2.898	3.167	3.047	2.879	13.20
83)	T	tert-Butylbenzene	3.181	2.680	2.295	2.817	2.984	2.875	2.805	10.74
84)	T	1,2,4-Trimethy...	3.328	2.686	2.647	3.357	3.606	3.465	3.181	12.92
85)	T	sec-Butylbenzene	5.271	3.272	3.112	3.799	4.170	3.979	3.934	19.61
86)	T	p-Isopropyltol...	3.977	2.688	2.629	3.373	3.662	3.521	3.308	16.37
87)	T	1,3-Dichlorobe...	2.623	1.551	1.404	1.677	1.778	1.669	1.784	24.14
88)	T	1,4-Dichlorobe...	2.764	1.637	1.368	1.579	1.756	1.690	1.799	27.29
89)	T	n-Butylbenzene	5.617	2.531	2.230	2.942	3.367	3.323	3.335	36.06
90)	T	Hexachloroethane	0.880	0.765	0.573	0.652	0.707	0.659	0.706	15.05
91)	T	1,2-Dichlorobe...	2.790	1.596	1.395	1.659	1.725	1.643	1.801	27.59
92)	T	1,2-Dibromo-3-...	0.428	0.328	0.261	0.261	0.288	0.286	0.309	20.59
93)	T	1,2,4-Trichlor...	2.372	0.752	0.690	0.869	0.961	0.950	1.099	57.59
94)	T	Hexachlorobuta...	1.490	0.569	0.426	0.467	0.484	0.473	0.652	63.46
95)	T	Naphthalene	5.643	2.094	1.956	2.459	2.768	2.841	2.960	45.97
96)	T	1,2,3-Trichlor...	2.449	0.851	0.704	0.824	0.909	0.902	1.107	59.79

(#) = Out of Range