Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W031721S.M
Title : SW846 8260
Last Update : Wed Mar 17 18:51:14 2021
Response Via : Initial Calibration

Calibration Files
10 =VW018345.D 5 =VW018351.D 20 =VW018346.D 50 =VW018347.D 100 =VW018348.D 150 =VW018349.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.369	0.335	0.392	0.327	0.345	0.365	0.356	6.86
3)	P	Chloromethane	0.602	0.590	0.576	0.535	0.500	0.498	0.550	8.28
4)	C	Vinyl Chloride	0.407	0.486	0.525	0.592	0.587	0.594	0.532	14.13#
5)	T	Bromomethane	0.485	0.500	0.433	0.420	0.391	0.374	0.434	11.53
6)	T	Chloroethane	0.452	0.447	0.432	0.405	0.385	0.376	0.416	7.80
7)	T	Trichlorofluor...	0.449	0.391	0.421	0.398	0.401	0.418	0.413	5.08
8)	T	Diethyl Ether	0.265	0.274	0.241	0.240	0.233	0.244	0.249	6.42
9)	T	1,1,2-Trichlor...	0.497	0.475	0.482	0.451	0.447	0.449	0.467	4.42
10)	T	Methyl Iodide	0.689	0.716	0.673	0.668	0.669	0.704	0.687	2.92
11)	T	Tert butyl alc...	0.034	0.038	0.032	0.030	0.030	0.031	0.032	9.46
12)	CM	1,1-Dichloroet...	0.498	0.499	0.481	0.471	0.457	0.478	0.481	3.32#
13)	T	Acrolein	0.030	0.031	0.029	0.021	0.020	0.019	0.025	22.20
14)	T	Allyl chloride	0.703	0.677	0.668	0.648	0.616	0.616	0.655	5.30
15)	T	Acrylonitrile	0.103	0.105	0.097	0.096	0.093	0.097	0.099	4.41
16)	T	Acetone	0.091	0.097	0.079	0.072	0.070	0.070	0.080	14.30
17)	T	Carbon Disulfide	1.180	1.203	1.268	1.304	1.280	1.333	1.262	4.66
18)	T	Methyl Acetate	0.209	0.236	0.202	0.204	0.197	0.210	0.210	6.52
19)	T	Methyl tert-bu...	0.765	0.806	0.713	0.702	0.671	0.671	0.721	7.46
20)	T	Methylene Chlo...	0.703	0.846	0.579	0.531	0.489	0.493	0.607	23.26
21)	T	trans-1,2-Dich...	0.585	0.613	0.548	0.549	0.541	0.556	0.565	4.91
22)	T	Diisopropyl ether	1.431	1.447	1.367	1.318	1.254	1.254	1.345	6.27
23)	T	Vinyl Acetate	0.877	0.855	0.843	0.822	0.792	0.804	0.832	3.85
24)	P	1,1-Dichloroet...	1.011	1.017	0.960	0.955	0.913	0.931	0.965	4.34
25)	T	2-Butanone	0.123	0.125	0.118	0.113	0.112	0.117	0.118	4.47
26)	T	2,2-Dichloropr...	0.682	0.686	0.621	0.607	0.565	0.560	0.620	8.80
27)	T	cis-1,2-Dichlo...	0.636	0.673	0.612	0.595	0.582	0.600	0.616	5.42
28)	T	Bromochloromet...	0.407	0.417	0.372	0.359	0.355	0.351	0.377	7.48
29)	T	Tetrahydrofuran	0.080	0.082	0.076	0.074	0.072	0.076	0.077	4.70
30)	C	Chloroform	1.054	1.086	1.008	0.995	0.965	0.994	1.017	4.38#
31)	T	Cyclohexane	0.989	1.137	0.906	0.854	0.800	0.799	0.914	14.28
32)	T	1,1,1-Trichlor...	0.856	0.860	0.821	0.835	0.788	0.803	0.827	3.46
33)	S	1,2-Dichloroet...	0.570	0.590	0.541	0.529	0.491	0.483	0.534	7.96
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.318	0.322	0.288	0.275	0.275	0.271	0.291	7.83
36)	T	1,1-Dichloropr...	0.525	0.516	0.494	0.490	0.463	0.475	0.494	4.75
37)	T	Ethyl Acetate	0.193	0.195	0.165	0.163	0.157	0.164	0.173	9.70
38)	T	Carbon Tetrach...	0.481	0.461	0.457	0.458	0.447	0.466	0.462	2.45
39)	T	Methylcyclohexane	0.668	0.619	0.638	0.621	0.595	0.612	0.625	4.03
40)	TM	Benzene	1.375	1.383	1.330	1.311	1.247	1.288	1.323	3.91
41)	T	Methacrylonitrile	0.098	0.090	0.095	0.096	0.093	0.089	0.093	4.06
42)	TM	1,2-Dichloroet...	0.446	0.437	0.418	0.405	0.390	0.397	0.415	5.41
43)	T	Isopropyl Acetate	0.364	0.369	0.350	0.333	0.325	0.341	0.347	5.01
44)	TM	Trichloroethene	0.371	0.357	0.355	0.353	0.344	0.357	0.356	2.46
45)	C	1,2-Dichloropr...	0.346	0.335	0.319	0.312	0.300	0.305	0.320	5.52#
46)	T	Dibromomethane	0.187	0.179	0.179	0.174	0.173	0.179	0.178	2.70
47)	T	Bromodichlorom...	0.482	0.463	0.462	0.463	0.453	0.463	0.464	2.05
48)	T	Methyl methacr...	0.168	0.164	0.160	0.160	0.163	0.171	0.164	2.80
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.003	0.003	0.003	3.48
50)	S	Toluene-d8	1.253	1.236	1.197	1.122	1.085	1.060	1.159	7.00
51)	T	4-Methyl-2-Pen...	0.178	0.177	0.169	0.163	0.161	0.168	0.169	4.15
52)	CM	Toluene	0.906	0.882	0.868	0.870	0.841	0.867	0.872	2.44#
53)	T	t-1,3-Dichloro...	0.492	0.452	0.474	0.473	0.466	0.479	0.473	2.78
54)	T	cis-1,3-Dichlo...	0.559	0.534	0.533	0.543	0.526	0.543	0.540	2.13
55)	T	1,1,2-Trichlor...	0.250	0.239	0.242	0.240	0.235	0.244	0.242	2.01
56)	T	Ethyl methacry...	0.325	0.305	0.312	0.311	0.310	0.321	0.314	2.29

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57)	T	1,3-Dichloropr...	0.459	0.441	0.427	0.422	0.410	0.420	0.430	4.07
58)	T	2-Chloroethyl ...	0.161	0.172	0.151	0.159	0.158	0.156	0.159	4.34
59)	T	2-Hexanone	0.123	0.122	0.117	0.112	0.111	0.116	0.117	4.31
60)	T	Dibromochlorom...	0.295	0.288	0.292	0.293	0.302	0.315	0.297	3.29
61)	T	1,2-Dibromoethane	0.241	0.235	0.232	0.234	0.235	0.248	0.237	2.54
62)	S	4-Bromofluorob...	0.465	0.468	0.440	0.441	0.418	0.407	0.440	5.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.339	0.312	0.312	0.315	0.315	0.320	0.319	3.29
65)	PM	Chlorobenzene	1.045	1.033	0.979	0.995	0.987	1.019	1.010	2.63
66)	T	1,1,1,2-Tetrac...	0.358	0.343	0.342	0.362	0.360	0.373	0.356	3.35
67)	C	Ethyl Benzene	2.037	1.955	1.885	1.890	1.839	1.856	1.910	3.86#
68)	T	m/p-Xylenes	0.769	0.724	0.711	0.720	0.710	0.715	0.725	3.05
69)	T	o-Xylene	0.721	0.661	0.662	0.668	0.670	0.687	0.678	3.37
70)	T	Styrene	1.167	1.096	1.108	1.159	1.135	1.138	1.134	2.45
71)	P	Bromoform	0.172	0.167	0.171	0.186	0.187	0.207	0.182	8.18
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.971	3.790	3.731	3.622	3.737	3.751	3.767	3.04
74)	T	N-amyl acetate	0.810	0.797	0.740	0.669	0.711	0.719	0.741	7.28
75)	P	1,1,2,2-Tetrac...	0.645	0.650	0.621	0.569	0.598	0.605	0.615	4.97
76)	T	1,2,3-Trichlor...	0.442	0.565	0.508	0.455	0.389	0.399	0.460	14.62
77)	T	Bromobenzene	0.816	0.811	0.813	0.747	0.816	0.836	0.806	3.79
78)	T	n-propylbenzene	4.766	4.622	4.578	4.242	4.378	4.356	4.490	4.38
79)	T	2-Chlorotoluene	2.745	2.657	2.570	2.451	2.524	2.486	2.572	4.32
80)	T	1,3,5-Trimethy...	3.359	3.339	3.287	3.095	3.226	3.180	3.248	3.10
81)	T	trans-1,4-Dich...	0.207	0.216	0.203	0.200	0.212	0.222	0.210	3.99
82)	T	4-Chlorotoluene	2.833	2.809	2.739	2.600	2.659	2.629	2.711	3.57
83)	T	tert-Butylbenzene	2.866	2.775	2.779	2.677	2.703	2.726	2.755	2.46
84)	T	1,2,4-Trimethy...	3.378	3.350	3.329	3.144	3.177	3.139	3.253	3.40
85)	T	sec-Butylbenzene	4.134	3.984	3.944	3.755	3.772	3.695	3.881	4.33
86)	T	p-Isopropyltol...	3.649	3.461	3.567	3.436	3.439	3.366	3.486	2.94
87)	T	1,3-Dichlorobe...	1.666	1.649	1.645	1.546	1.623	1.633	1.627	2.60
88)	T	1,4-Dichlorobe...	1.671	1.681	1.616	1.602	1.606	1.561	1.623	2.80
89)	T	n-Butylbenzene	3.749	3.560	3.564	3.312	3.291	3.274	3.458	5.63
90)	T	Hexachloroethane	0.655	0.607	0.642	0.628	0.659	0.652	0.640	3.09
91)	T	1,2-Dichlorobe...	1.435	1.497	1.470	1.372	1.394	1.432	1.433	3.21
92)	T	1,2-Dibromo-3-...	0.130	0.124	0.110	0.101	0.108	0.111	0.114	9.42
93)	T	1,2,4-Trichlor...	1.061	1.069	0.994	0.943	1.024	1.000	1.015	4.64
94)	T	Hexachlorobuta...	0.591	0.600	0.591	0.558	0.567	0.542	0.575	3.93
95)	T	Naphthalene	1.869	2.014	1.876	1.729	1.848	1.900	1.873	4.89
96)	T	1,2,3-Trichlor...	0.851	0.938	0.828	0.783	0.825	0.842	0.844	6.11

(#) = Out of Range