Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D010722S.M
Title : SW846 8260
Last Update : Fri Jan 07 15:39:14 2022
Response Via : Initial Calibration

Calibration Files
10 =VD071642.D 5 =VD071641.D 20 =VD071643.D 50 =VD071644.D 100 =VD071645.D 150 =VD071646.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.403	0.536	0.419	0.363	0.356	0.387	0.411	16.04
3)	P	Chloromethane	0.524	0.725	0.546	0.478	0.477	0.498	0.541	17.33
4)	C	Vinyl Chloride	0.601	0.777	0.638	0.559	0.562	0.593	0.622	13.12#
5)	T	Bromomethane	0.491	0.653	0.472	0.376	0.385	0.427	0.467	21.80
6)	T	Chloroethane	0.429	0.566	0.445	0.395	0.396	0.428	0.443	14.29
7)	T	Trichlorofluor...	0.872	1.075	0.900	0.777	0.800	0.863	0.881	11.97
8)	T	Diethyl Ether	0.217	0.252	0.246	0.216	0.222	0.239	0.232	6.70
9)	T	1,1,2-Trichlor...	0.513	0.612	0.510	0.468	0.476	0.511	0.515	9.96
10)	T	Methyl Iodide	0.405	0.449	0.482	0.493	0.536	0.590	0.493	13.14
11)	T	Tert butyl alc...	0.084	0.135	0.053	0.032	0.029	0.031	0.061	69.45
12)	CM	1,1-Dichloroet...	0.436	0.515	0.458	0.406	0.414	0.453	0.447	8.74#
13)	T	Acrolein	0.061	0.064	0.062	0.063	0.059	0.068	0.063	4.89
14)	T	Allyl chloride	0.856	0.922	0.908	0.791	0.876	0.965	0.886	6.76
15)	T	Acrylonitrile	0.127	0.129	0.130	0.115	0.113	0.122	0.122	5.98
16)	T	Acetone	0.140	0.168	0.145	0.143	0.141	0.154	0.149	7.14
17)	T	Carbon Disulfide	1.091	1.558	1.174	1.059	1.075	1.158	1.186	15.86
18)	T	Methyl Acetate	0.460	0.608	0.490	0.405	0.389	0.441	0.465	16.92
19)	T	Methyl tert-bu...	1.163	1.233	1.194	1.098	1.138	1.254	1.180	4.98
20)	T	Methylene Chlo...	0.698	1.007	0.643	0.511	0.509	0.544	0.652	29.13
21)	T	trans-1,2-Dich...	0.481	0.592	0.510	0.466	0.489	0.524	0.510	8.86
22)	T	Diisopropyl ether	1.792	1.851	1.998	1.824	1.902	2.084	1.908	5.88
23)	T	Vinyl Acetate	0.808	0.758	0.917	0.876	0.945	1.041	0.891	11.33
24)	P	1,1-Dichloroet...	1.021	1.224	1.121	1.003	1.038	1.129	1.089	7.75
25)	T	2-Butanone	0.174	0.195	0.182	0.162	0.163	0.178	0.175	7.01
26)	T	2,2-Dichloropr...	0.846	0.996	0.921	0.841	0.897	0.988	0.915	7.34
27)	T	cis-1,2-Dichlo...	0.566	0.637	0.610	0.568	0.583	0.650	0.602	5.92
28)	T	Bromochloromet...	0.495	0.554	0.519	0.521	0.551	0.544	0.531	4.37
29)	T	Tetrahydrofuran	0.098	0.108	0.107	0.094	0.097	0.102	0.101	5.46
30)	C	Chloroform	1.054	1.228	1.162	1.027	1.055	1.158	1.114	7.18#
31)	T	Cyclohexane	0.922	1.294	0.941	0.832	0.840	0.923	0.959	17.80
32)	T	1,1,1-Trichlor...	0.929	1.081	1.025	0.901	0.929	1.025	0.982	7.31
33)	S	1,2-Dichloroet...	0.621	0.639	0.584	0.671	0.646	0.699	0.643	6.17
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.303	0.350	0.305	0.332	0.340	0.353	0.330	6.66
36)	T	1,1-Dichloropr...	0.451	0.507	0.498	0.430	0.449	0.493	0.471	6.75
37)	T	Ethyl Acetate	0.218	0.240	0.226	0.205	0.203	0.219	0.219	6.23
38)	T	Carbon Tetrach...	0.437	0.501	0.503	0.443	0.469	0.512	0.477	6.85
39)	T	Methylcyclohexane	0.460	0.560	0.506	0.479	0.500	0.550	0.509	7.65
40)	TM	Benzene	1.233	1.384	1.332	1.209	1.267	1.367	1.299	5.59
41)	T	Methacrylonitrile	0.180	0.150	0.145	0.110	0.132	0.141	0.143	16.07
42)	TM	1,2-Dichloroet...	0.421	0.510	0.446	0.406	0.412	0.442	0.440	8.69
43)	T	Isopropyl Acetate	0.402	0.416	0.429	0.388	0.404	0.433	0.412	4.24
44)	TM	Trichloroethene	0.314	0.368	0.355	0.307	0.320	0.342	0.334	7.31
45)	C	1,2-Dichloropr...	0.325	0.368	0.376	0.329	0.339	0.369	0.351	6.41#
46)	T	Dibromomethane	0.171	0.191	0.195	0.169	0.169	0.183	0.180	6.33
47)	T	Bromodichlorom...	0.474	0.489	0.520	0.468	0.490	0.520	0.493	4.52
48)	T	Methyl methacr...	0.187	0.222	0.225	0.181	0.211	0.222	0.208	9.25
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.64
50)	S	Toluene-d8	1.065	1.149	1.110	1.307	1.349	1.442	1.237	12.15
51)	T	4-Methyl-2-Pen...	0.208	0.216	0.234	0.208	0.211	0.229	0.218	5.11
52)	CM	Toluene	0.748	0.810	0.839	0.774	0.832	0.902	0.817	6.58#
53)	T	t-1,3-Dichloro...	0.403	0.426	0.448	0.401	0.437	0.482	0.433	6.99
54)	T	cis-1,3-Dichlo...	0.473	0.512	0.534	0.479	0.501	0.562	0.510	6.61
55)	T	1,1,2-Trichlor...	0.232	0.228	0.254	0.226	0.230	0.244	0.236	4.62
56)	T	Ethyl methacry...	0.258	0.261	0.303	0.282	0.299	0.329	0.289	9.49

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57)	T	1,3-Dichloropr...	0.421	0.468	0.455	0.401	0.419	0.448	0.435	5.93
58)	T	2-Chloroethyl ...	0.149	0.127	0.168	0.154	0.177	0.182	0.159	12.83
59)	T	2-Hexanone	0.140	0.143	0.163	0.147	0.153	0.165	0.152	6.68
60)	T	Dibromochlorom...	0.278	0.302	0.311	0.286	0.300	0.323	0.300	5.49
61)	T	1,2-Dibromoethane	0.220	0.222	0.243	0.212	0.220	0.235	0.225	4.90
62)	S	4-Bromofluorob...	0.401	0.422	0.395	0.440	0.463	0.495	0.436	8.80
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.286	0.325	0.305	0.271	0.278	0.297	0.294	6.70
65)	PM	Chlorobenzene	0.898	1.024	1.003	0.889	0.923	1.003	0.957	6.27
66)	T	1,1,1,2-Tetrac...	0.342	0.390	0.384	0.326	0.352	0.382	0.363	7.20
67)	C	Ethyl Benzene	1.577	1.717	1.823	1.679	1.793	1.949	1.757	7.32#
68)	T	m/p-Xylenes	0.594	0.608	0.684	0.627	0.674	0.732	0.653	8.06
69)	T	o-Xylene	0.535	0.605	0.642	0.580	0.644	0.704	0.618	9.44
70)	T	Styrene	0.950	0.956	1.112	1.028	1.108	1.204	1.060	9.40
71)	P	Bromoform	0.174	0.173	0.186	0.168	0.175	0.188	0.177	4.56
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.225	3.581	3.725	3.393	3.661	3.974	3.593	7.28
74)	T	N-amyl acetate	0.828	0.867	0.927	0.830	0.882	0.955	0.881	5.83
75)	P	1,1,2,2-Tetrac...	0.670	0.679	0.695	0.577	0.584	0.615	0.637	8.06
76)	T	1,2,3-Trichlor...	0.487	0.555	0.571	0.401	0.426	0.458	0.483	14.20
77)	T	Bromobenzene	0.752	0.796	0.825	0.706	0.761	0.817	0.776	5.80
78)	T	n-propylbenzene	4.130	4.463	4.756	4.244	4.592	4.930	4.519	6.71
79)	T	2-Chlorotoluene	2.355	2.611	2.659	2.365	2.550	2.742	2.547	6.21
80)	T	1,3,5-Trimethy...	2.745	2.895	3.161	2.841	3.063	3.307	3.002	7.07
81)	T	trans-1,4-Dich...	0.151	0.171	0.201	0.157	0.170	0.190	0.173	10.98
82)	T	4-Chlorotoluene	2.396	2.617	2.780	2.496	2.688	2.876	2.642	6.74
83)	T	tert-Butylbenzene	2.270	2.558	2.682	2.421	2.654	2.807	2.565	7.56
84)	T	1,2,4-Trimethy...	2.696	2.837	3.131	2.811	3.059	3.280	2.969	7.50
85)	T	sec-Butylbenzene	3.520	3.802	4.157	3.808	4.018	4.271	3.929	6.97
86)	T	p-Isopropyltol...	2.834	3.082	3.334	3.086	3.414	3.606	3.226	8.61
87)	T	1,3-Dichlorobe...	1.563	1.589	1.659	1.487	1.600	1.712	1.602	4.86
88)	T	1,4-Dichlorobe...	1.564	1.840	1.709	1.491	1.555	1.645	1.634	7.73
89)	T	n-Butylbenzene	2.919	3.173	3.367	3.075	3.335	3.516	3.231	6.72
90)	T	Hexachloroethane	0.609	0.659	0.666	0.583	0.639	0.675	0.638	5.62
91)	T	1,2-Dichlorobe...	1.358	1.385	1.401	1.279	1.355	1.459	1.373	4.35
92)	T	1,2-Dibromo-3-...	0.108	0.097	0.114	0.090	0.100	0.106	0.102	8.55
93)	T	1,2,4-Trichlor...	0.697	0.816	0.847	0.747	0.799	0.840	0.791	7.41
94)	T	Hexachlorobuta...	0.436	0.528	0.498	0.426	0.443	0.452	0.464	8.62
95)	T	Naphthalene	1.266	1.328	1.474	1.360	1.437	1.540	1.401	7.23
96)	T	1,2,3-Trichlor...	0.639	0.720	0.686	0.632	0.668	0.700	0.674	5.12

(#) = Out of Range