Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D080922S.M
Title : SW846 8260
Last Update : Wed Aug 10 01:05:43 2022
Response Via : Initial Calibration

Calibration Files
5 =VD073994.D 10 =VD073988.D 20 =VD073989.D 50 =VD073990.D 75 =VD073997.D 100 =VD073991.D

		Compound	5	10	20	50	75	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.647	0.529	0.491	0.410	0.345	0.353	0.462	25.20
3)	P	Chloromethane	0.821	0.745	0.682	0.553	0.502	0.474	0.629	22.32
4)	C	Vinyl Chloride	1.065	0.912	0.895	0.783	0.733	0.692	0.847	16.30#
5)	T	Bromomethane	0.778	0.531	0.517	0.430	0.452	0.428	0.523	25.39
6)	T	Chloroethane	0.714	0.675	0.657	0.555	0.518	0.496	0.602	15.09
7)	T	Trichlorofluor...	1.099	0.955	0.941	0.835	1.165	0.754	0.958	16.15
8)	T	Diethyl Ether	0.228	0.224	0.208	0.200	0.199	0.186	0.208	7.79
9)	T	1,1,2-Trichlor...	0.605	0.582	0.516	0.487	0.444	0.436	0.512	13.69
10)	T	Methyl Iodide	0.531	0.450	0.469	0.438	0.409	0.408	0.451	10.17
11)	T	Tert butyl alc...	0.095	0.051	0.052	0.035	0.034	0.032	0.050	47.90
12)	CM	1,1-Dichloroet...	0.518	0.446	0.444	0.408	0.367	0.368	0.425	13.44#
13)	T	Acrolein	0.007	0.043	0.041	0.029	0.028	0.027	0.029	43.63
14)	T	Allyl chloride	0.703	0.614	0.569	0.550	0.517	0.509	0.577	12.57
15)	T	Acrylonitrile	0.101	0.102	0.100	0.098	0.095	0.087	0.097	5.71
16)	T	Acetone	0.119	0.103	0.086	0.080	0.101	0.066	0.092	20.32
17)	T	Carbon Disulfide	1.533	1.319	1.220	0.935	0.825	0.850	1.114	25.82
18)	T	Methyl Acetate	0.401	0.253	0.256	0.238	0.213	0.205	0.261	27.51
19)	T	Methyl tert-bu...	1.120	1.086	1.098	1.129	1.109	1.018	1.093	3.66
20)	T	Methylene Chlo...	1.281	0.907	0.727	0.550	0.541	0.452	0.743	41.63
21)	T	trans-1,2-Dich...	0.595	0.525	0.535	0.469	0.437	0.430	0.499	12.92
22)	T	Diisopropyl ether	1.301	1.301	1.292	1.325	1.301	1.204	1.287	3.28
23)	T	Vinyl Acetate	3.088	3.425	3.624	3.744	3.774	3.463	3.519	7.24
24)	P	1,1-Dichloroet...	0.987	0.976	0.913	0.870	0.813	0.768	0.888	9.89
25)	T	2-Butanone	0.171	0.147	0.142	0.128	0.140	0.113	0.140	13.91
26)	T	2,2-Dichloropr...	1.142	0.970	0.925	0.875	0.825	0.751	0.915	14.77
27)	T	cis-1,2-Dichlo...	0.657	0.607	0.590	0.571	0.557	0.516	0.583	8.20
28)	T	Bromochloromet...	0.354	0.281	0.283	0.271	0.265	0.243	0.283	13.33
29)	T	Tetrahydrofuran	0.073	0.079	0.080	0.081	0.078	0.071	0.077	5.30
30)	C	Chloroform	1.128	1.102	1.033	1.020	0.991	0.903	1.030	7.84#
31)	T	Cyclohexane	0.978	0.824	0.722	0.632	0.588	0.578	0.720	21.77
32)	T	1,1,1-Trichlor...	1.128	1.045	0.981	0.963	0.886	0.858	0.977	10.23
33)	S	1,2-Dichloroet...	0.530	0.539	0.556	0.357	0.360	0.318	0.443	24.59
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.347	0.348	0.345	0.273	0.267	0.252	0.305	14.99
36)	T	1,1-Dichloropr...	0.486	0.456	0.440	0.418	0.384	0.395	0.430	8.94
37)	T	Ethyl Acetate	0.220	0.200	0.197	0.180	0.175	0.168	0.190	10.25
38)	T	Carbon Tetrach...	0.543	0.519	0.517	0.507	0.469	0.482	0.506	5.31
39)	T	Methylcyclohexane	0.491	0.460	0.478	0.456	0.413	0.450	0.458	5.85
40)	TM	Benzene	1.318	1.279	1.233	1.196	1.118	1.116	1.210	6.86
41)	T	Methacrylonitrile	0.096	0.101	0.092	0.099	0.097	0.098	0.097	3.17
42)	TM	1,2-Dichloroet...	0.411	0.425	0.401	0.382	0.367	0.341	0.388	7.97
43)	T	Isopropyl Acetate	0.367	0.343	0.352	0.368	0.359	0.332	0.353	3.94
44)	TM	Trichloroethene	0.397	0.372	0.368	0.346	0.323	0.325	0.355	8.19
45)	C	1,2-Dichloropr...	0.298	0.320	0.311	0.297	0.281	0.272	0.296	5.98#
46)	T	Dibromomethane	0.198	0.203	0.215	0.193	0.189	0.179	0.196	6.34
47)	T	Bromodichlorom...	0.523	0.529	0.482	0.491	0.481	0.447	0.492	6.18
48)	T	Methyl methacr...	0.175	0.155	0.170	0.154	0.153	0.143	0.158	7.61
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.91
50)	S	Toluene-d8	1.004	1.127	1.164	0.720	0.707	0.691	0.902	24.55
51)	T	4-Methyl-2-Pen...	0.180	0.174	0.184	0.193	0.186	0.177	0.182	3.61
52)	CM	Toluene	0.824	0.783	0.800	0.808	0.784	0.790	0.798	2.02#
53)	T	t-1,3-Dichloro...	0.428	0.412	0.443	0.438	0.440	0.415	0.429	3.09
54)	T	cis-1,3-Dichlo...	0.503	0.478	0.498	0.501	0.491	0.470	0.490	2.72
55)	T	1,1,2-Trichlor...	0.266	0.257	0.262	0.260	0.260	0.241	0.258	3.29
56)	T	Ethyl methacry...	0.249	0.259	0.283	0.304	0.298	0.286	0.280	7.69

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D080922S.M

57)	T	1,3-Dichloropr...	0.419	0.412	0.414	0.418	0.405	0.383	0.408	3.33
58)	T	2-Chloroethyl ...	0.088	0.079	0.086	0.111	0.113	0.108	0.098	15.25
59)	T	2-Hexanone	0.116	0.113	0.125	0.130	0.136	0.123	0.124	6.76
60)	T	Dibromochlorom...	0.335	0.342	0.349	0.356	0.346	0.327	0.343	3.02
61)	T	1,2-Dibromoethane	0.254	0.259	0.254	0.254	0.251	0.235	0.251	3.32
62)	S	4-Bromofluorob...	0.409	0.401	0.400	0.370	0.385	0.361	0.388	4.89
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.375	0.341	0.327	0.305	0.271	0.290	0.318	11.82
65)	PM	Chlorobenzene	1.042	0.989	0.957	0.953	0.900	0.895	0.956	5.78
66)	T	1,1,1,2-Tetrac...	0.403	0.364	0.359	0.389	0.368	0.358	0.373	4.92
67)	C	Ethyl Benzene	1.702	1.626	1.630	1.700	1.622	1.641	1.653	2.25#
68)	T	m/p-Xylenes	0.649	0.665	0.656	0.689	0.659	0.666	0.664	2.09
69)	T	o-Xylene	0.605	0.578	0.593	0.639	0.624	0.623	0.610	3.70
70)	T	Styrene	1.022	1.021	1.037	1.133	1.100	1.095	1.068	4.45
71)	P	Bromoform	0.212	0.241	0.215	0.233	0.221	0.215	0.223	5.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.410	3.208	3.143	3.303	3.113	3.261	3.239	3.39
74)	T	N-amyl acetate	0.674	0.691	0.713	0.714	0.687	0.665	0.691	2.89
75)	P	1,1,2,2-Tetrac...	0.712	0.660	0.628	0.614	0.591	0.574	0.630	7.99
76)	T	1,2,3-Trichlor...	0.359	0.408	0.391	0.387	0.364	0.364	0.379	5.12
77)	T	Bromobenzene	0.868	0.854	0.791	0.754	0.742	0.743	0.792	7.14
78)	T	n-propylbenzene	4.152	3.997	3.929	4.059	3.796	3.954	3.981	3.04
79)	T	2-Chlorotoluene	2.378	2.370	2.235	2.277	2.134	2.174	2.261	4.43
80)	T	1,3,5-Trimethy...	2.714	2.754	2.770	2.887	2.687	2.808	2.770	2.58
81)	T	trans-1,4-Dich...	0.173	0.165	0.179	0.188	0.177	0.176	0.176	4.12
82)	T	4-Chlorotoluene	2.559	2.437	2.392	2.420	2.289	2.318	2.402	4.00
83)	T	tert-Butylbenzene	2.383	2.338	2.329	2.521	2.343	2.487	2.400	3.46
84)	T	1,2,4-Trimethy...	2.755	2.699	2.786	2.895	2.741	2.801	2.779	2.40
85)	T	sec-Butylbenzene	3.667	3.586	3.643	3.760	3.522	3.718	3.649	2.37
86)	T	p-Isopropyltol...	3.026	2.970	2.992	3.265	3.019	3.202	3.079	3.99
87)	T	1,3-Dichlorobe...	1.875	1.627	1.616	1.673	1.589	1.591	1.662	6.54
88)	T	1,4-Dichlorobe...	1.964	1.727	1.604	1.665	1.560	1.567	1.681	9.06
89)	T	n-Butylbenzene	3.028	2.805	2.805	2.996	2.790	2.898	2.887	3.63
90)	T	Hexachloroethane	0.645	0.675	0.608	0.619	0.578	0.593	0.620	5.74
91)	T	1,2-Dichlorobe...	1.537	1.484	1.382	1.446	1.391	1.366	1.434	4.68
92)	T	1,2-Dibromo-3-...	0.120	0.134	0.108	0.111	0.100	0.101	0.112	11.39
93)	T	1,2,4-Trichlor...	0.955	0.868	0.815	0.855	0.847	0.840	0.863	5.59
94)	T	Hexachlorobuta...	0.559	0.500	0.479	0.484	0.446	0.462	0.488	8.03
95)	T	Naphthalene	1.671	1.493	1.520	1.699	1.678	1.680	1.624	5.63
96)	T	1,2,3-Trichlor...	0.861	0.802	0.738	0.771	0.760	0.739	0.779	6.03

(#) = Out of Range