Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W102221S.M
Title : SW846 8260
Last Update : Sat Oct 23 05:58:59 2021
Response Via : Initial Calibration

Calibration Files
10 =VW020679.D 5 =VW020678.D 20 =VW020680.D 50 =VW020681.D 100 =VW020682.D 150 =VW020683.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.098	0.101	0.101	0.131	0.175	0.184	0.132	29.69
3)	P	Chloromethane	0.324	0.378	0.315	0.327	0.325	0.317	0.331	7.07
4)	C	Vinyl Chloride	0.402	0.466	0.381	0.426	0.444	0.427	0.424	7.15#
5)	T	Bromomethane	0.248	0.303	0.227	0.235	0.253	0.249	0.252	10.54
6)	T	Chloroethane	0.178	0.221	0.158	0.178	0.197	0.199	0.189	11.64
7)	T	Trichlorofluor...	0.311	0.316	0.277	0.298	0.307	0.313	0.304	4.68
8)	T	Diethyl Ether	0.237	0.257	0.223	0.249	0.249	0.238	0.242	5.00
9)	T	1,1,2-Trichlor...	0.514	0.567	0.469	0.475	0.499	0.467	0.498	7.67
10)	T	Methyl Iodide	0.603	0.634	0.568	0.630	0.647	0.630	0.619	4.60
11)	T	Tert butyl alc...	0.035	0.039	0.034	0.037	0.032	0.026	0.034	12.95
12)	CM	1,1-Dichloroet...	0.463	0.481	0.437	0.462	0.488	0.462	0.465	3.82#
13)	T	Acrolein	0.031	0.031	0.034	0.031	0.030	0.026	0.030	8.55
14)	T	Allyl chloride	0.709	0.760	0.694	0.775	0.796	0.773	0.751	5.37
15)	T	Acrylonitrile	0.119	0.129	0.120	0.136	0.126	0.111	0.124	7.00
16)	T	Acetone	0.128	0.146	0.120	0.156	0.143	0.121	0.136	10.96
17)	T	Carbon Disulfide	1.264	1.478	1.173	1.379	1.447	1.373	1.352	8.50
18)	T	Methyl Acetate	0.412	0.478	0.402	0.444	0.416	0.363	0.419	9.27
19)	T	Methyl tert-bu...	0.795	0.810	0.772	0.845	0.817	0.750	0.798	4.23
20)	T	Methylene Chlo...	0.800	1.173	0.609	0.538	0.507	0.479	0.684	38.81
21)	T	trans-1,2-Dich...	0.499	0.567	0.483	0.522	0.538	0.510	0.520	5.78
22)	T	Diisopropyl ether	1.475	1.441	1.454	1.516	1.495	1.438	1.470	2.13
23)	T	Vinyl Acetate	0.801	0.797	0.835	0.942	0.931	0.859	0.861	7.34
24)	P	1,1-Dichloroet...	0.950	1.005	0.895	0.937	0.944	0.909	0.940	4.08
25)	T	2-Butanone	0.159	0.174	0.159	0.194	0.178	0.154	0.169	8.95
26)	T	2,2-Dichloropr...	0.633	0.673	0.590	0.608	0.606	0.580	0.615	5.49
27)	T	cis-1,2-Dichlo...	0.550	0.563	0.525	0.554	0.574	0.556	0.554	2.96
28)	T	Bromochloromet...	0.358	0.437	0.370	0.394	0.403	0.369	0.389	7.49
29)	T	Tetrahydrofuran	0.096	0.104	0.103	0.118	0.108	0.093	0.104	8.61
30)	C	Chloroform	1.018	1.086	0.940	0.956	0.955	0.928	0.980	6.14#
31)	T	Cyclohexane	0.948	1.151	0.847	0.890	0.930	0.891	0.943	11.43
32)	T	1,1,1-Trichlor...	0.844	0.907	0.794	0.815	0.827	0.787	0.829	5.25
33)	S	1,2-Dichloroet...	0.591	0.624	0.606	0.538	0.495	0.480	0.556	10.89
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.339	0.357	0.345	0.315	0.308	0.298	0.327	7.08
36)	T	1,1-Dichloropr...	0.523	0.574	0.494	0.533	0.568	0.539	0.538	5.53
37)	T	Ethyl Acetate	0.230	0.259	0.249	0.273	0.257	0.227	0.249	7.06
38)	T	Carbon Tetrach...	0.533	0.585	0.490	0.519	0.555	0.521	0.534	6.15
39)	T	Methylcyclohexane	0.577	0.640	0.561	0.632	0.697	0.660	0.628	8.13
40)	TM	Benzene	1.482	1.621	1.379	1.437	1.495	1.428	1.474	5.63
41)	T	Methacrylonitrile	0.132	0.136	0.136	0.168	0.150	0.149	0.145	9.33
42)	TM	1,2-Dichloroet...	0.482	0.516	0.454	0.469	0.481	0.444	0.474	5.34
43)	T	Isopropyl Acetate	0.433	0.453	0.443	0.504	0.497	0.445	0.462	6.55
44)	TM	Trichloroethene	0.407	0.430	0.367	0.392	0.411	0.396	0.400	5.33
45)	C	1,2-Dichloropr...	0.354	0.378	0.330	0.352	0.359	0.346	0.353	4.50#
46)	T	Dibromomethane	0.202	0.207	0.188	0.201	0.203	0.189	0.198	4.07
47)	T	Bromodichlorom...	0.495	0.519	0.456	0.486	0.496	0.483	0.489	4.18
48)	T	Methyl methacr...	0.189	0.223	0.203	0.239	0.252	0.228	0.222	10.44
49)	T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.002	0.003	9.68
50)	S	Toluene-d8	1.313	1.300	1.332	1.195	1.184	1.176	1.250	5.77
51)	T	4-Methyl-2-Pen...	0.236	0.249	0.249	0.281	0.264	0.230	0.251	7.40
52)	CM	Toluene	0.907	0.934	0.885	0.927	0.966	0.935	0.926	2.97#
53)	T	t-1,3-Dichloro...	0.466	0.492	0.471	0.514	0.534	0.509	0.498	5.25
54)	T	cis-1,3-Dichlo...	0.548	0.557	0.526	0.572	0.602	0.579	0.564	4.69
55)	T	1,1,2-Trichlor...	0.281	0.293	0.272	0.281	0.278	0.254	0.276	4.72
56)	T	Ethyl methacry...	0.319	0.313	0.336	0.397	0.398	0.370	0.355	10.70

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W102221S.M

57)	T	1,3-Dichloropr...	0.472	0.507	0.460	0.488	0.495	0.452	0.479	4.42
58)	T	2-Chloroethyl ...	0.152	0.145	0.169	0.168	0.170	0.158	0.160	6.54
59)	T	2-Hexanone	0.165	0.169	0.174	0.207	0.189	0.162	0.178	9.60
60)	T	Dibromochlorom...	0.315	0.333	0.312	0.331	0.341	0.324	0.326	3.35
61)	T	1,2-Dibromoethane	0.263	0.283	0.256	0.276	0.272	0.256	0.268	4.14
62)	S	4-Bromofluorob...	0.464	0.489	0.485	0.447	0.441	0.423	0.458	5.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.390	0.432	0.367	0.372	0.399	0.370	0.388	6.35
65)	PM	Chlorobenzene	1.111	1.154	1.018	1.042	1.090	1.043	1.076	4.76
66)	T	1,1,1,2-Tetrac...	0.392	0.409	0.364	0.384	0.409	0.384	0.390	4.37
67)	C	Ethyl Benzene	1.888	1.966	1.816	1.955	2.061	2.007	1.949	4.46#
68)	T	m/p-Xylenes	0.736	0.753	0.717	0.752	0.795	0.768	0.754	3.56
69)	T	o-Xylene	0.662	0.696	0.664	0.692	0.735	0.718	0.694	4.20
70)	T	Styrene	1.151	1.131	1.151	1.219	1.265	1.221	1.190	4.45
71)	P	Bromoform	0.226	0.230	0.219	0.235	0.241	0.222	0.229	3.63
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.252	3.484	3.285	3.658	3.982	3.949	3.602	8.82
74)	T	N-amyl acetate	0.773	0.770	0.818	0.977	0.977	0.930	0.874	11.25
75)	P	1,1,2,2-Tetrac...	0.643	0.729	0.652	0.704	0.693	0.628	0.675	5.88
76)	T	1,2,3-Trichlor...	0.524	0.590	0.538	0.580	0.568	0.524	0.554	5.21
77)	T	Bromobenzene	0.805	0.871	0.825	0.886	0.920	0.877	0.864	4.88
78)	T	n-propylbenzene	4.029	4.368	4.065	4.505	4.819	4.756	4.423	7.57
79)	T	2-Chlorotoluene	2.366	2.620	2.337	2.559	2.702	2.684	2.545	6.22
80)	T	1,3,5-Trimethy...	2.909	3.043	2.876	3.178	3.381	3.291	3.113	6.59
81)	T	trans-1,4-Dich...	0.186	0.202	0.198	0.240	0.241	0.227	0.216	10.93
82)	T	4-Chlorotoluene	2.563	2.748	2.505	2.672	2.780	2.791	2.677	4.46
83)	T	tert-Butylbenzene	2.469	2.618	2.452	2.761	2.940	2.878	2.686	7.69
84)	T	1,2,4-Trimethy...	2.888	3.010	2.895	3.130	3.301	3.265	3.082	5.83
85)	T	sec-Butylbenzene	3.742	4.108	3.664	4.094	4.371	4.201	4.030	6.77
86)	T	p-Isopropyltol...	3.183	3.353	3.251	3.467	3.742	3.572	3.428	6.08
87)	T	1,3-Dichlorobe...	1.710	1.970	1.671	1.783	1.751	1.783	1.778	5.83
88)	T	1,4-Dichlorobe...	1.780	1.983	1.621	1.727	1.788	1.754	1.775	6.67
89)	T	n-Butylbenzene	2.937	3.103	2.908	3.222	3.497	3.409	3.179	7.63
90)	T	Hexachloroethane	0.569	0.636	0.548	0.579	0.641	0.616	0.598	6.39
91)	T	1,2-Dichlorobe...	1.549	1.732	1.494	1.534	1.610	1.554	1.579	5.30
92)	T	1,2-Dibromo-3-...	0.113	0.132	0.111	0.132	0.127	0.115	0.122	7.95
93)	T	1,2,4-Trichlor...	0.974	1.156	0.982	1.019	1.087	1.067	1.047	6.64
94)	T	Hexachlorobuta...	0.693	0.745	0.625	0.670	0.647	0.689	0.678	6.14
95)	T	Naphthalene	1.579	1.788	1.729	2.008	2.144	1.944	1.865	11.00
96)	T	1,2,3-Trichlor...	0.916	1.038	0.880	0.945	0.981	0.930	0.948	5.83

(#) = Out of Range