Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W010422S.M
Title : SW846 8260
Last Update : Tue Jan 04 06:15:33 2022
Response Via : Initial Calibration

Calibration Files
10 =VW021719.D 5 =VW021718.D 20 =VW021720.D 50 =VW021721.D 100 =VW021722.D 150 =VW021723.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.062	0.057	0.056	0.077	0.086	0.115	0.075	30.33
3)	P	Chloromethane	0.505	0.504	0.449	0.470	0.458	0.417	0.467	7.26
4)	C	Vinyl Chloride	0.797	0.776	0.707	0.726	0.692	0.667	0.728	6.86#
5)	T	Bromomethane	0.969	0.944	1.070	0.879	0.796	0.840	0.916	10.81
6)	T	Chloroethane	0.471	0.424	0.398	0.405	0.553	0.411	0.444	13.38
7)	T	Trichlorofluor...	0.382	0.599	0.345	0.336	0.326	0.363	0.392	26.40
8)	T	Diethyl Ether	0.266	0.209	0.250	0.223	0.220	0.251	0.236	9.33
9)	T	1,1,2-Trichlor...	0.577	0.502	0.513	0.487	0.460	0.493	0.505	7.81
10)	T	Methyl Iodide	0.742	0.723	0.696	0.696	0.671	0.764	0.715	4.79
11)	T	Tert butyl alc...	0.029	0.025	0.030	0.021	0.021	0.026	0.025	13.64
12)	CM	1,1-Dichloroet...	0.497	0.477	0.470	0.460	0.443	0.484	0.472	4.02#
13)	T	Acrolein	0.032	0.029	0.036	0.024	0.024	0.029	0.029	15.61
14)	T	Allyl chloride	0.768	0.693	0.726	0.728	0.698	0.760	0.729	4.24
15)	T	Acrylonitrile	0.110	0.098	0.116	0.103	0.096	0.117	0.107	8.65
16)	T	Acetone	0.103	0.094	0.104	0.101	0.095	0.124	0.103	10.51
17)	T	Carbon Disulfide	1.293	1.235	1.265	1.372	1.348	1.490	1.334	6.88
18)	T	Methyl Acetate	0.427	0.410	0.424	0.433	0.323	0.383	0.400	10.40
19)	T	Methyl tert-bu...	0.934	0.798	0.936	0.878	0.801	0.892	0.873	7.01
20)	T	Methylene Chlo...	0.983	1.353	0.760	0.610	0.536	0.576	0.803	39.27
21)	T	trans-1,2-Dich...	0.643	0.577	0.599	0.576	0.551	0.602	0.591	5.31
22)	T	Diisopropyl ether	1.638	1.421	1.633	1.556	1.443	1.554	1.541	5.97
23)	T	Vinyl Acetate	0.805	0.649	0.860	0.777	0.797	0.911	0.800	11.09
24)	P	1,1-Dichloroet...	1.131	1.076	1.069	1.024	0.945	1.006	1.042	6.21
25)	T	2-Butanone	0.140	0.117	0.153	0.143	0.130	0.163	0.141	11.59
26)	T	2,2-Dichloropr...	0.668	0.650	0.642	0.637	0.610	0.656	0.644	3.03
27)	T	cis-1,2-Dichlo...	0.671	0.658	0.661	0.645	0.612	0.668	0.653	3.36
28)	T	Bromochloromet...	0.455	0.439	0.447	0.411	0.394	0.390	0.423	6.58
29)	T	Tetrahydrofuran	0.076	0.076	0.090	0.083	0.077	0.096	0.083	10.09
30)	C	Chloroform	1.242	1.110	1.186	1.123	1.032	1.103	1.133	6.41#
31)	T	Cyclohexane	1.061	1.137	0.934	0.871	0.827	0.872	0.950	12.86
32)	T	1,1,1-Trichlor...	0.999	0.926	0.949	0.947	0.889	0.950	0.943	3.82
33)	S	1,2-Dichloroet...	0.679	0.637	0.646	0.606	0.531	0.558	0.610	9.23
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.340	0.339	0.319	0.312	0.312	0.319	0.323	3.93
36)	T	1,1-Dichloropr...	0.532	0.483	0.486	0.490	0.489	0.496	0.496	3.61
37)	T	Ethyl Acetate	0.203	0.178	0.196	0.164	0.170	0.201	0.185	9.10
38)	T	Carbon Tetrach...	0.484	0.474	0.475	0.491	0.488	0.522	0.489	3.63
39)	T	Methylcyclohexane	0.611	0.579	0.587	0.609	0.591	0.621	0.600	2.69
40)	TM	Benzene	1.496	1.457	1.382	1.379	1.335	1.387	1.406	4.19
41)	T	Methacrylonitrile	0.112	0.110	0.121	0.104	0.110	0.124	0.113	6.57
42)	TM	1,2-Dichloroet...	0.486	0.458	0.451	0.442	0.411	0.427	0.446	5.78
43)	T	Isopropyl Acetate	0.361	0.316	0.384	0.342	0.349	0.403	0.359	8.64
44)	TM	Trichloroethene	0.374	0.375	0.366	0.368	0.364	0.402	0.375	3.78
45)	C	1,2-Dichloropr...	0.349	0.339	0.337	0.331	0.313	0.327	0.333	3.72#
46)	T	Dibromomethane	0.214	0.189	0.210	0.204	0.191	0.206	0.202	4.99
47)	T	Bromodichlorom...	0.490	0.451	0.475	0.484	0.462	0.486	0.475	3.28
48)	T	Methyl methacr...	0.172	0.139	0.174	0.174	0.170	0.191	0.170	10.01
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.93
50)	S	Toluene-d8	1.263	1.152	1.214	1.281	1.238	1.251	1.233	3.73
51)	T	4-Methyl-2-Pen...	0.181	0.147	0.202	0.187	0.179	0.201	0.183	10.95
52)	CM	Toluene	0.934	0.856	0.935	0.952	0.923	0.946	0.924	3.77#
53)	T	t-1,3-Dichloro...	0.398	0.346	0.434	0.452	0.450	0.493	0.429	11.83
54)	T	cis-1,3-Dichlo...	0.504	0.442	0.509	0.528	0.521	0.558	0.511	7.52
55)	T	1,1,2-Trichlor...	0.278	0.243	0.273	0.271	0.252	0.272	0.265	5.27
56)	T	Ethyl methacry...	0.275	0.233	0.315	0.318	0.313	0.346	0.300	13.22

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W010422S.M

57)	T	1,3-Dichloropr...	0.471	0.429	0.489	0.461	0.431	0.458	0.456	5.05
58)	T	2-Chloroethyl ...	0.145	0.126	0.155	0.148	0.147	0.161	0.147	8.22
59)	T	2-Hexanone	0.124	0.093	0.138	0.134	0.124	0.138	0.125	13.72
60)	T	Dibromochlorom...	0.290	0.241	0.301	0.323	0.316	0.340	0.302	11.41
61)	T	1,2-Dibromoethane	0.259	0.213	0.267	0.267	0.254	0.273	0.256	8.50
62)	S	4-Bromofluorob...	0.467	0.419	0.471	0.472	0.454	0.430	0.452	4.97
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.345	0.315	0.342	0.329	0.341	0.369	0.340	5.32
65)	PM	Chlorobenzene	1.066	0.981	1.093	1.046	0.994	1.076	1.043	4.38
66)	T	1,1,1,2-Tetrac...	0.372	0.317	0.366	0.364	0.361	0.389	0.362	6.65
67)	C	Ethyl Benzene	1.988	1.758	1.925	1.877	1.797	1.918	1.877	4.58#
68)	T	m/p-Xylenes	0.756	0.673	0.756	0.753	0.731	0.783	0.742	5.05
69)	T	o-Xylene	0.719	0.623	0.717	0.715	0.694	0.733	0.700	5.66
70)	T	Styrene	1.166	1.006	1.220	1.194	1.166	1.245	1.166	7.21
71)	P	Bromoform	0.154	0.126	0.173	0.173	0.187	0.210	0.170	16.74
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.799	3.440	3.440	3.557	3.495	3.977	3.618	6.11
74)	T	N-amyl acetate	0.617	0.499	0.661	0.582	0.627	0.771	0.626	14.39
75)	P	1,1,2,2-Tetrac...	0.651	0.610	0.619	0.574	0.516	0.607	0.596	7.75
76)	T	1,2,3-Trichlor...	0.514	0.371	0.491	0.452	0.412	0.478	0.453	11.71
77)	T	Bromobenzene	0.797	0.807	0.798	0.816	0.793	0.908	0.820	5.37
78)	T	n-propylbenzene	4.630	4.242	4.332	4.240	4.167	4.616	4.371	4.62
79)	T	2-Chlorotoluene	2.702	2.523	2.484	2.444	2.332	2.562	2.508	4.93
80)	T	1,3,5-Trimethy...	3.207	2.943	3.006	3.108	2.939	3.254	3.076	4.40
81)	T	trans-1,4-Dich...	0.138	0.114	0.142	0.152	0.153	0.191	0.148	16.86
82)	T	4-Chlorotoluene	2.852	2.576	2.642	2.600	2.392	2.647	2.618	5.64
83)	T	tert-Butylbenzene	2.767	2.547	2.629	2.720	2.580	2.926	2.695	5.21
84)	T	1,2,4-Trimethy...	3.243	2.897	3.092	3.037	2.891	3.166	3.054	4.65
85)	T	sec-Butylbenzene	4.218	3.905	3.965	3.982	3.794	4.185	4.008	4.09
86)	T	p-Isopropyltol...	3.558	3.075	3.400	3.343	3.213	3.433	3.337	5.13
87)	T	1,3-Dichlorobe...	1.730	1.645	1.681	1.669	1.618	1.772	1.686	3.35
88)	T	1,4-Dichlorobe...	1.841	1.675	1.697	1.676	1.541	1.672	1.684	5.67
89)	T	n-Butylbenzene	3.403	3.206	3.159	3.069	2.844	3.102	3.131	5.84
90)	T	Hexachloroethane	0.562	0.488	0.543	0.547	0.535	0.610	0.547	7.24
91)	T	1,2-Dichlorobe...	1.511	1.406	1.468	1.495	1.330	1.500	1.452	4.84
92)	T	1,2-Dibromo-3-...	0.103	0.096	0.103	0.088	0.083	0.102	0.096	9.06
93)	T	1,2,4-Trichlor...	0.896	0.836	0.851	0.828	0.813	0.963	0.865	6.46
94)	T	Hexachlorobuta...	0.552	0.441	0.474	0.473	0.448	0.565	0.492	10.83
95)	T	Naphthalene	1.563	1.250	1.611	1.579	1.561	1.872	1.573	12.58
96)	T	1,2,3-Trichlor...	0.761	0.690	0.771	0.739	0.726	0.833	0.753	6.40

(#) = Out of Range