Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D102621S.M
Title : SW846 8260
Last Update : Wed Oct 27 05:34:47 2021
Response Via : Initial Calibration

Calibration Files
10 =VD070832.D 5 =VD070831.D 20 =VD070833.D 50 =VD070834.D 100 =VD070835.D 150 =VD070836.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.475	0.592	0.452	0.437	0.407	0.419	0.464	14.53
3)	P	Chloromethane	0.672	0.748	0.665	0.655	0.596	0.602	0.656	8.47
4)	C	Vinyl Chloride	0.725	0.839	0.727	0.721	0.668	0.675	0.726	8.40#
5)	T	Bromomethane	0.591	0.678	0.499	0.482	0.439	0.430	0.520	18.53
6)	T	Chloroethane	0.462	0.531	0.452	0.441	0.408	0.397	0.449	10.64
7)	T	Trichlorofluor...	0.926	1.105	0.880	0.877	0.783	0.794	0.894	13.05
8)	T	Diethyl Ether	0.229	0.241	0.248	0.257	0.252	0.260	0.248	4.66
9)	T	1,1,2-Trichlor...	0.586	0.732	0.568	0.549	0.512	0.510	0.576	14.28
10)	T	Methyl Iodide	0.380	0.326	0.461	0.645	0.618	0.639	0.511	27.64
11)	T	Tert butyl alc...	0.028	0.031	0.028	0.025	0.024	0.024	0.027	10.40
12)	CM	1,1-Dichloroet...	0.485	0.538	0.485	0.524	0.489	0.506	0.505	4.44#
13)	T	Acrolein	0.023	0.023	0.024	0.024	0.024	0.025	0.024	3.94
14)	T	Allyl chloride	0.693	0.702	0.768	0.870	0.838	0.872	0.790	10.29
15)	T	Acrylonitrile	0.113	0.116	0.120	0.124	0.117	0.122	0.119	3.58
16)	T	Acetone	0.099	0.126	0.105	0.133	0.118	0.121	0.117	11.09
17)	T	Carbon Disulfide	1.711	2.001	1.671	1.863	1.716	1.740	1.784	7.00
18)	T	Methyl Acetate	0.382	0.470	0.408	0.401	0.370	0.376	0.401	9.16
19)	T	Methyl tert-bu...	0.909	0.972	1.031	1.135	1.103	1.147	1.049	9.10
20)	T	Methylene Chlo...	0.871	1.367	0.751	0.669	0.592	0.600	0.809	36.23
21)	T	trans-1,2-Dich...	0.578	0.620	0.585	0.632	0.581	0.592	0.598	3.78
22)	T	Diisopropyl ether	1.436	1.391	1.685	1.828	1.731	1.763	1.639	11.07
23)	T	Vinyl Acetate	0.620	0.600	0.708	0.835	0.837	0.869	0.745	15.87
24)	P	1,1-Dichloroet...	1.107	1.223	1.090	1.124	1.034	1.050	1.105	6.07
25)	T	2-Butanone	0.130	0.136	0.138	0.158	0.149	0.155	0.144	7.86
26)	T	2,2-Dichloropr...	0.879	1.000	0.848	0.908	0.817	0.835	0.881	7.57
27)	T	cis-1,2-Dichlo...	0.616	0.632	0.612	0.675	0.646	0.662	0.641	3.92
28)	T	Bromochloromet...	0.451	0.441	0.436	0.449	0.414	0.408	0.433	4.17
29)	T	Tetrahydrofuran	0.076	0.079	0.086	0.094	0.093	0.094	0.087	9.07
30)	C	Chloroform	1.119	1.275	1.114	1.113	1.011	1.019	1.109	8.58#
31)	T	Cyclohexane	0.976	1.120	0.965	1.060	1.004	1.023	1.025	5.62
32)	T	1,1,1-Trichlor...	0.962	1.062	0.950	0.961	0.872	0.874	0.947	7.40
33)	S	1,2-Dichloroet...	0.538	0.572	0.506	0.480	0.467	0.455	0.503	8.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.341	0.352	0.331	0.328	0.315	0.310	0.330	4.77
36)	T	1,1-Dichloropr...	0.483	0.531	0.511	0.564	0.518	0.531	0.523	5.09
37)	T	Ethyl Acetate	0.167	0.184	0.202	0.215	0.198	0.201	0.195	8.60
38)	T	Carbon Tetrach...	0.522	0.585	0.505	0.543	0.498	0.504	0.526	6.30
39)	T	Methylcyclohexane	0.494	0.569	0.558	0.666	0.647	0.678	0.602	12.11
40)	TM	Benzene	1.416	1.569	1.484	1.636	1.505	1.517	1.521	4.94
41)	T	Methacrylonitrile	0.107	0.087	0.100	0.097	0.111	0.115	0.103	9.88
42)	TM	1,2-Dichloroet...	0.367	0.436	0.387	0.395	0.372	0.368	0.387	6.79
43)	T	Isopropyl Acetate	0.323	0.345	0.360	0.383	0.374	0.384	0.362	6.68
44)	TM	Trichloroethene	0.393	0.436	0.365	0.401	0.377	0.386	0.393	6.23
45)	C	1,2-Dichloropr...	0.383	0.416	0.409	0.424	0.389	0.398	0.403	3.92#
46)	T	Dibromomethane	0.189	0.217	0.197	0.206	0.187	0.190	0.198	5.98
47)	T	Bromodichlorom...	0.490	0.568	0.512	0.522	0.486	0.488	0.511	6.15
48)	T	Methyl methacr...	0.136	0.148	0.174	0.197	0.189	0.192	0.173	14.72
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.81
50)	S	Toluene-d8	1.232	1.188	1.233	1.279	1.262	1.248	1.240	2.54
51)	T	4-Methyl-2-Pen...	0.164	0.169	0.193	0.209	0.200	0.203	0.190	9.87
52)	CM	Toluene	0.825	0.817	0.914	1.012	0.953	0.963	0.914	8.59#
53)	T	t-1,3-Dichloro...	0.416	0.415	0.441	0.477	0.454	0.469	0.445	5.86
54)	T	cis-1,3-Dichlo...	0.504	0.546	0.538	0.573	0.559	0.579	0.550	4.96
55)	T	1,1,2-Trichlor...	0.276	0.301	0.285	0.287	0.266	0.268	0.280	4.76
56)	T	Ethyl methacry...	0.249	0.250	0.292	0.346	0.351	0.358	0.308	16.52

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57)	T	1,3-Dichloropr...	0.439	0.463	0.475	0.502	0.471	0.483	0.472	4.44
58)	T	2-Chloroethyl ...	0.119	0.127	0.134	0.136	0.142	0.143	0.133	6.83
59)	T	2-Hexanone	0.112	0.114	0.135	0.156	0.148	0.146	0.135	13.81
60)	T	Dibromochlorom...	0.325	0.365	0.322	0.349	0.327	0.330	0.336	5.01
61)	T	1,2-Dibromoethane	0.243	0.272	0.255	0.274	0.251	0.260	0.259	4.64
62)	S	4-Bromofluorob...	0.409	0.391	0.403	0.416	0.422	0.414	0.409	2.64
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.327	0.377	0.323	0.367	0.329	0.336	0.343	6.74
65)	PM	Chlorobenzene	0.983	1.048	1.000	1.088	1.013	1.024	1.026	3.65
66)	T	1,1,1,2-Tetrac...	0.368	0.395	0.376	0.400	0.366	0.377	0.381	3.72
67)	C	Ethyl Benzene	1.581	1.640	1.693	1.992	1.881	1.931	1.786	9.52#
68)	T	m/p-Xylenes	0.616	0.602	0.688	0.788	0.734	0.744	0.696	10.65
69)	T	o-Xylene	0.536	0.546	0.603	0.709	0.683	0.703	0.630	12.49
70)	T	Styrene	0.920	0.936	1.076	1.249	1.171	1.195	1.091	12.68
71)	P	Bromoform	0.202	0.199	0.203	0.214	0.193	0.196	0.201	3.70
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.842	2.745	3.143	3.756	3.670	3.854	3.335	14.61
74)	T	N-amyl acetate	0.619	0.647	0.720	0.796	0.786	0.833	0.733	11.76
75)	P	1,1,2,2-Tetrac...	0.643	0.748	0.680	0.695	0.647	0.670	0.681	5.65
76)	T	1,2,3-Trichlor...	0.466	0.551	0.501	0.524	0.399	0.512	0.492	10.85
77)	T	Bromobenzene	0.731	0.821	0.779	0.860	0.826	0.858	0.813	6.09
78)	T	n-propylbenzene	3.673	3.687	4.123	4.783	4.646	4.772	4.281	12.24
79)	T	2-Chlorotoluene	2.200	2.334	2.372	2.709	2.607	2.691	2.486	8.53
80)	T	1,3,5-Trimethy...	2.457	2.347	2.747	3.192	3.057	3.182	2.830	13.08
81)	T	trans-1,4-Dich...	0.164	0.184	0.182	0.206	0.187	0.203	0.188	8.07
82)	T	4-Chlorotoluene	2.326	2.368	2.523	2.807	2.699	2.776	2.583	8.06
83)	T	tert-Butylbenzene	2.002	2.028	2.208	2.622	2.606	2.695	2.360	13.44
84)	T	1,2,4-Trimethy...	2.357	2.286	2.747	3.157	3.057	3.140	2.791	14.08
85)	T	sec-Butylbenzene	3.236	3.319	3.574	4.104	3.987	4.115	3.723	10.68
86)	T	p-Isopropyltol...	2.536	2.502	2.856	3.359	3.321	3.395	2.995	13.95
87)	T	1,3-Dichlorobe...	1.565	1.744	1.624	1.753	1.678	1.704	1.678	4.33
88)	T	1,4-Dichlorobe...	1.561	1.806	1.611	1.728	1.612	1.666	1.664	5.38
89)	T	n-Butylbenzene	2.545	2.691	2.761	3.189	3.176	3.243	2.934	10.33
90)	T	Hexachloroethane	0.641	0.788	0.643	0.670	0.636	0.655	0.672	8.66
91)	T	1,2-Dichlorobe...	1.309	1.461	1.414	1.504	1.444	1.459	1.432	4.66
92)	T	1,2-Dibromo-3-...	0.088	0.118	0.095	0.101	0.096	0.097	0.099	10.33
93)	T	1,2,4-Trichlor...	0.732	0.824	0.768	0.862	0.872	0.906	0.827	8.04
94)	T	Hexachlorobuta...	0.509	0.599	0.520	0.545	0.542	0.554	0.545	5.72
95)	T	Naphthalene	1.079	1.218	1.259	1.520	1.589	1.693	1.393	17.36
96)	T	1,2,3-Trichlor...	0.615	0.677	0.699	0.779	0.757	0.786	0.719	9.35

(#) = Out of Range