Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D100521S.M
Title : SW846 8260
Last Update : Wed Oct 06 09:10:31 2021
Response Via : Initial Calibration

Calibration Files
10 =VD070565.D 5 =VD070564.D 20 =VD070566.D 50 =VD070567.D 100 =VD070568.D 150 =VD070569.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.658	0.679	0.617	0.604	0.563	0.538	0.610	8.87
3)	P	Chloromethane	0.794	0.871	0.787	0.726	0.703	0.662	0.757	9.89
4)	C	Vinyl Chloride	0.858	0.932	0.855	0.838	0.795	0.756	0.839	7.19#
5)	T	Bromomethane	0.621	0.745	0.565	0.520	0.504	0.479	0.572	17.19
6)	T	Chloroethane	0.569	0.595	0.544	0.536	0.504	0.467	0.536	8.58
7)	T	Trichlorofluor...	1.137	1.242	1.097	1.080	1.018	0.951	1.087	9.20
8)	T	Diethyl Ether	0.269	0.264	0.279	0.306	0.299	0.281	0.283	5.84
9)	T	1,1,2-Trichlor...	0.692	0.765	0.668	0.642	0.617	0.570	0.659	10.13
10)	T	Methyl Iodide	0.503	0.469	0.602	0.727	0.708	0.663	0.612	17.53
11)	T	Tert butyl alc...	0.030	0.035	0.029	0.030	0.027	0.024	0.029	12.31
12)	CM	1,1-Dichloroet...	0.592	0.608	0.572	0.596	0.588	0.565	0.587	2.70#
13)	T	Acrolein	0.029	0.027	0.028	0.030	0.028	0.026	0.028	4.59
14)	T	Allyl chloride	0.779	0.762	0.789	0.866	0.879	0.826	0.817	5.91
15)	T	Acrylonitrile	0.126	0.110	0.124	0.133	0.128	0.116	0.123	6.92
16)	T	Acetone	0.095	0.098	0.092	0.112	0.107	0.095	0.100	7.84
17)	T	Carbon Disulfide	2.241	2.289	2.164	2.154	2.069	1.936	2.142	5.90
18)	T	Methyl Acetate	0.388	0.393	0.394	0.407	0.382	0.349	0.386	5.05
19)	T	Methyl tert-bu...	1.092	0.980	1.121	1.325	1.292	1.203	1.169	11.11
20)	T	Methylene Chlo...	1.061	1.503	0.888	0.784	0.714	0.644	0.932	33.83
21)	T	trans-1,2-Dich...	0.689	0.689	0.698	0.718	0.693	0.654	0.690	2.99
22)	T	Diisopropyl ether	1.559	1.387	1.718	1.908	1.819	1.676	1.678	11.10
23)	T	Vinyl Acetate	0.668	0.617	0.726	0.887	0.872	0.807	0.763	14.48
24)	P	1,1-Dichloroet...	1.290	1.320	1.258	1.257	1.188	1.103	1.236	6.36
25)	T	2-Butanone	0.127	0.115	0.125	0.146	0.143	0.129	0.131	8.78
26)	T	2,2-Dichloropr...	1.023	1.084	1.034	1.021	1.010	0.965	1.023	3.75
27)	T	cis-1,2-Dichlo...	0.725	0.689	0.711	0.767	0.749	0.711	0.725	3.92
28)	T	Bromochloromet...	0.415	0.488	0.416	0.444	0.435	0.383	0.430	8.18
29)	T	Tetrahydrofuran	0.081	0.068	0.086	0.096	0.092	0.083	0.084	11.37
30)	C	Chloroform	1.351	1.418	1.313	1.292	1.214	1.125	1.286	8.05#
31)	T	Cyclohexane	1.077	1.135	1.073	1.119	1.102	1.032	1.090	3.40
32)	T	1,1,1-Trichlor...	1.131	1.210	1.113	1.116	1.072	1.003	1.107	6.17
33)	S	1,2-Dichloroet...	0.604	0.682	0.586	0.563	0.563	0.533	0.588	8.78
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.322	0.356	0.335	0.323	0.338	0.321	0.332	4.06
36)	T	1,1-Dichloropr...	0.506	0.500	0.535	0.568	0.554	0.524	0.531	5.06
37)	T	Ethyl Acetate	0.169	0.171	0.176	0.195	0.185	0.163	0.176	6.71
38)	T	Carbon Tetrach...	0.555	0.595	0.550	0.563	0.548	0.523	0.556	4.22
39)	T	Methylcyclohexane	0.540	0.537	0.570	0.677	0.683	0.656	0.611	11.32
40)	TM	Benzene	1.521	1.556	1.576	1.639	1.593	1.506	1.565	3.11
41)	T	Methacrylonitrile	0.079	0.086	0.083	0.098	0.109	0.090	0.091	12.26
42)	TM	1,2-Dichloroet...	0.417	0.419	0.411	0.426	0.392	0.364	0.405	5.71
43)	T	Isopropyl Acetate	0.297	0.310	0.315	0.360	0.341	0.317	0.323	7.07
44)	TM	Trichloroethene	0.382	0.406	0.385	0.396	0.379	0.368	0.386	3.47
45)	C	1,2-Dichloropr...	0.389	0.406	0.415	0.424	0.395	0.368	0.399	5.02#
46)	T	Dibromomethane	0.204	0.218	0.206	0.216	0.201	0.185	0.205	5.86
47)	T	Bromodichlorom...	0.521	0.568	0.536	0.549	0.518	0.482	0.529	5.58
48)	T	Methyl methacr...	0.143	0.124	0.138	0.176	0.170	0.157	0.152	13.23
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.72
50)	S	Toluene-d8	1.157	1.234	1.268	1.282	1.349	1.335	1.271	5.52
51)	T	4-Methyl-2-Pen...	0.153	0.139	0.167	0.194	0.183	0.164	0.167	11.84
52)	CM	Toluene	0.894	0.861	0.964	1.049	1.025	0.976	0.962	7.57#
53)	T	t-1,3-Dichloro...	0.434	0.449	0.450	0.497	0.488	0.460	0.463	5.26
54)	T	cis-1,3-Dichlo...	0.532	0.503	0.554	0.600	0.590	0.566	0.557	6.49
55)	T	1,1,2-Trichlor...	0.283	0.283	0.289	0.293	0.274	0.254	0.279	4.98
56)	T	Ethyl methacry...	0.252	0.215	0.283	0.356	0.353	0.332	0.298	19.37

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D100521S.M

57)	T	1,3-Dichloropr...	0.462	0.454	0.480	0.520	0.483	0.452	0.475	5.36
58)	T	2-Chloroethyl ...	0.121	0.112	0.132	0.150	0.153	0.140	0.135	12.03
59)	T	2-Hexanone	0.100	0.089	0.111	0.134	0.128	0.115	0.113	15.02
60)	T	Dibromochlorom...	0.345	0.345	0.339	0.353	0.328	0.308	0.336	4.81
61)	T	1,2-Dibromoethane	0.257	0.273	0.255	0.275	0.261	0.239	0.260	5.00
62)	S	4-Bromofluorob...	0.392	0.412	0.425	0.424	0.452	0.445	0.425	5.11
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.328	0.329	0.313	0.328	0.320	0.306	0.321	2.99
65)	PM	Chlorobenzene	1.075	1.065	1.070	1.105	1.064	1.018	1.066	2.62
66)	T	1,1,1,2-Tetrac...	0.401	0.433	0.395	0.407	0.383	0.360	0.397	6.09
67)	C	Ethyl Benzene	1.665	1.631	1.747	2.020	2.028	1.949	1.840	9.81#
68)	T	m/p-Xylenes	0.677	0.611	0.728	0.796	0.788	0.747	0.725	9.71
69)	T	o-Xylene	0.586	0.509	0.628	0.722	0.726	0.695	0.644	13.40
70)	T	Styrene	1.029	0.920	1.143	1.280	1.248	1.192	1.135	12.11
71)	P	Bromoform	0.192	0.182	0.192	0.196	0.184	0.171	0.186	4.91
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.180	3.057	3.504	4.045	4.079	4.007	3.645	12.64
74)	T	N-amyl acetate	0.601	0.593	0.673	0.777	0.762	0.716	0.687	11.48
75)	P	1,1,2,2-Tetrac...	0.737	0.772	0.701	0.740	0.687	0.639	0.713	6.61
76)	T	1,2,3-Trichlor...	0.461	0.471	0.452	0.470	0.451	0.411	0.453	4.89
77)	T	Bromobenzene	0.768	0.806	0.803	0.863	0.845	0.804	0.815	4.17
78)	T	n-propylbenzene	4.104	3.939	4.492	5.096	5.110	4.936	4.613	11.11
79)	T	2-Chlorotoluene	2.517	2.390	2.657	2.915	2.917	2.840	2.706	8.16
80)	T	1,3,5-Trimethy...	2.754	2.492	3.104	3.482	3.465	3.356	3.109	13.13
81)	T	trans-1,4-Dich...	0.185	0.192	0.198	0.227	0.216	0.206	0.204	7.70
82)	T	4-Chlorotoluene	2.664	2.457	2.868	3.040	3.030	2.916	2.829	8.05
83)	T	tert-Butylbenzene	2.238	2.236	2.431	2.825	2.890	2.797	2.569	11.80
84)	T	1,2,4-Trimethy...	2.745	2.491	3.073	3.488	3.425	3.338	3.093	13.01
85)	T	sec-Butylbenzene	3.572	3.379	3.888	4.426	4.393	4.240	3.983	11.08
86)	T	p-Isopropyltol...	2.814	2.663	3.188	3.655	3.652	3.547	3.253	13.41
87)	T	1,3-Dichlorobe...	1.652	1.713	1.697	1.796	1.727	1.684	1.711	2.84
88)	T	1,4-Dichlorobe...	1.697	1.753	1.663	1.750	1.691	1.626	1.697	2.91
89)	T	n-Butylbenzene	2.736	2.682	2.895	3.465	3.483	3.373	3.106	12.08
90)	T	Hexachloroethane	0.672	0.791	0.679	0.711	0.695	0.673	0.703	6.44
91)	T	1,2-Dichlorobe...	1.460	1.409	1.441	1.536	1.487	1.422	1.459	3.21
92)	T	1,2-Dibromo-3-...	0.102	0.109	0.101	0.106	0.102	0.096	0.103	4.45
93)	T	1,2,4-Trichlor...	0.693	0.730	0.758	0.854	0.843	0.835	0.786	8.61
94)	T	Hexachlorobuta...	0.480	0.489	0.482	0.520	0.513	0.495	0.496	3.30
95)	T	Naphthalene	1.198	1.146	1.252	1.626	1.666	1.623	1.418	17.18
96)	T	1,2,3-Trichlor...	0.609	0.659	0.663	0.763	0.749	0.708	0.692	8.53

(#) = Out of Range