Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D071822S.M
Title : SW846 8260
Last Update : Tue Jul 19 01:56:16 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073849.D 5 =VD073848.D 20 =VD073850.D 50 =VD073851.D 100 =VD073852.D 150 =VD073853.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.540	0.651	0.508	0.453	0.433	0.450	0.506	16.18
3)	P	Chloromethane	0.933	1.003	0.893	0.807	0.730	0.669	0.839	15.13
4)	C	Vinyl Chloride	1.215	1.220	1.248	1.142	1.086	1.003	1.152	8.18#
5)	T	Bromomethane	0.836	0.902	0.800	0.709	0.702	0.725	0.779	10.35
6)	T	Chloroethane	0.805	0.885	0.821	0.773	0.703	0.673	0.777	10.10
7)	T	Trichlorofluor...	1.120	1.087	1.112	1.008	0.949	0.908	1.030	8.67
8)	T	Diethyl Ether	0.264	0.265	0.260	0.252	0.244	0.232	0.253	5.05
9)	T	1,1,2-Trichlor...	0.586	0.644	0.623	0.564	0.517	0.495	0.572	10.21
10)	T	Methyl Iodide	0.510	0.479	0.560	0.634	0.597	0.599	0.563	10.46
11)	T	Tert butyl alc...	0.043	0.089	0.040	0.033	0.029	0.029	0.044	51.49
12)	CM	1,1-Dichloroet...	0.540	0.508	0.544	0.515	0.477	0.465	0.508	6.28#
13)	T	Acrolein	0.031	0.030	0.033	0.025	0.025	0.023	0.028	14.76
14)	T	Allyl chloride	0.729	0.772	0.790	0.745	0.720	0.693	0.742	4.77
15)	T	Acrylonitrile	0.106	0.098	0.111	0.107	0.100	0.097	0.103	5.34
16)	T	Acetone	0.104	0.107	0.087	0.116	0.091	0.083	0.098	13.13
17)	T	Carbon Disulfide	1.743	1.648	1.746	1.613	1.524	1.469	1.624	6.96
18)	T	Methyl Acetate	0.256	0.333	0.257	0.244	0.224	0.221	0.256	16.02
19)	T	Methyl tert-bu...	1.249	1.145	1.292	1.257	1.199	1.161	1.217	4.79
20)	T	Methylene Chlo...	1.227	1.653	1.099	0.704	0.618	0.549	0.975	44.03
21)	T	trans-1,2-Dich...	0.637	0.609	0.629	0.604	0.567	0.558	0.601	5.35
22)	T	Diisopropyl ether	1.586	1.563	1.646	1.587	1.557	1.531	1.578	2.49
23)	T	Vinyl Acetate	0.849	0.723	0.903	0.915	0.894	0.885	0.861	8.30
24)	P	1,1-Dichloroet...	1.086	1.114	1.094	1.028	0.977	0.955	1.042	6.34
25)	T	2-Butanone	0.142	0.151	0.139	0.143	0.134	0.125	0.139	6.37
26)	T	2,2-Dichloropr...	0.944	1.010	0.945	0.912	0.882	0.861	0.926	5.71
27)	T	cis-1,2-Dichlo...	0.681	0.709	0.702	0.668	0.650	0.647	0.676	3.83
28)	T	Bromochloromet...	0.380	0.404	0.389	0.412	0.383	0.379	0.391	3.49
29)	T	Tetrahydrofuran	0.086	0.080	0.089	0.087	0.083	0.081	0.084	4.14
30)	C	Chloroform	1.153	1.232	1.212	1.138	1.082	1.068	1.147	5.77#
31)	T	Cyclohexane	0.996	1.149	0.972	0.904	0.853	0.819	0.949	12.55
32)	T	1,1,1-Trichlor...	1.094	1.137	1.095	1.077	1.005	0.997	1.068	5.18
33)	S	1,2-Dichloroet...	0.661	0.586	0.629	0.589	0.574	0.543	0.597	6.98
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.362	0.367	0.365	0.345	0.339	0.337	0.353	3.90
36)	T	1,1-Dichloropr...	0.511	0.533	0.522	0.516	0.485	0.486	0.509	3.85
37)	T	Ethyl Acetate	0.199	0.171	0.195	0.170	0.183	0.180	0.183	6.57
38)	T	Carbon Tetrach...	0.604	0.624	0.593	0.568	0.546	0.552	0.581	5.29
39)	T	Methylcyclohexane	0.577	0.604	0.598	0.610	0.584	0.587	0.593	2.15
40)	TM	Benzene	1.363	1.403	1.413	1.412	1.355	1.362	1.384	1.97
41)	T	Methacrylonitrile	0.109	0.123	0.122	0.113	0.108	0.107	0.114	6.48
42)	TM	1,2-Dichloroet...	0.439	0.410	0.453	0.428	0.408	0.405	0.424	4.58
43)	T	Isopropyl Acetate	0.382	0.340	0.360	0.376	0.374	0.362	0.366	4.09
44)	TM	Trichloroethene	0.384	0.398	0.406	0.381	0.376	0.374	0.386	3.28
45)	C	1,2-Dichloropr...	0.350	0.341	0.342	0.334	0.319	0.322	0.335	3.63#
46)	T	Dibromomethane	0.202	0.199	0.214	0.208	0.198	0.197	0.203	3.32
47)	T	Bromodichlorom...	0.527	0.539	0.543	0.524	0.519	0.502	0.526	2.75
48)	T	Methyl methacr...	0.172	0.177	0.187	0.184	0.180	0.176	0.179	3.10
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	2.18
50)	S	Toluene-d8	1.228	1.252	1.288	1.308	1.303	1.305	1.281	2.56
51)	T	4-Methyl-2-Pen...	0.176	0.175	0.180	0.190	0.190	0.186	0.183	3.74
52)	CM	Toluene	0.899	0.920	0.922	0.956	0.936	0.958	0.932	2.42#
53)	T	t-1,3-Dichloro...	0.441	0.437	0.458	0.484	0.483	0.480	0.464	4.67
54)	T	cis-1,3-Dichlo...	0.513	0.511	0.539	0.560	0.544	0.554	0.537	3.84
55)	T	1,1,2-Trichlor...	0.245	0.261	0.269	0.260	0.256	0.258	0.258	3.01
56)	T	Ethyl methacry...	0.286	0.255	0.291	0.318	0.320	0.323	0.299	8.91

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57)	T	1,3-Dichloropr...	0.423	0.442	0.443	0.443	0.441	0.442	0.439	1.80
58)	T	2-Chloroethyl ...				0.161	0.164	0.155	0.160	2.71
59)	T	2-Hexanone	0.119	0.114	0.124	0.135	0.131	0.127	0.125	6.19
60)	T	Dibromochlorom...	0.345	0.336	0.344	0.360	0.356	0.358	0.350	2.73
61)	T	1,2-Dibromoethane	0.260	0.250	0.261	0.265	0.266	0.266	0.261	2.25
62)	S	4-Bromofluorob...	0.416	0.434	0.435	0.445	0.459	0.453	0.440	3.48
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.335	0.351	0.323	0.343	0.325	0.324	0.333	3.54
65)	PM	Chlorobenzene	1.026	1.001	1.040	1.052	1.040	1.020	1.030	1.77
66)	T	1,1,1,2-Tetrac...	0.392	0.382	0.382	0.395	0.398	0.398	0.391	1.92
67)	C	Ethyl Benzene	1.858	1.809	1.895	1.956	1.964	1.925	1.901	3.14#
68)	T	m/p-Xylenes	0.694	0.671	0.753	0.795	0.779	0.767	0.743	6.65
69)	T	o-Xylene	0.674	0.620	0.699	0.732	0.730	0.718	0.696	6.17
70)	T	Styrene	1.130	1.088	1.192	1.243	1.252	1.232	1.190	5.65
71)	P	Bromoform	0.200	0.212	0.207	0.220	0.220	0.213	0.212	3.60
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.654	3.799	3.838	3.915	3.802	3.714	3.787	2.44
74)	T	N-amyl acetate	0.724	0.704	0.772	0.778	0.759	0.745	0.747	3.86
75)	P	1,1,2,2-Tetrac...	0.710	0.649	0.681	0.679	0.618	0.590	0.655	6.77
76)	T	1,2,3-Trichlor...	0.567	0.626	0.467	0.466	0.519	0.573	0.536	11.88
77)	T	Bromobenzene	0.822	0.857	0.848	0.863	0.835	0.825	0.842	2.02
78)	T	n-propylbenzene	4.522	4.567	4.762	4.836	4.610	4.422	4.620	3.33
79)	T	2-Chlorotoluene	2.552	2.621	2.642	2.663	2.590	2.483	2.592	2.55
80)	T	1,3,5-Trimethy...	3.032	3.100	3.284	3.366	3.247	3.125	3.192	3.97
81)	T	trans-1,4-Dich...	0.211	0.184	0.193	0.212	0.197	0.196	0.199	5.54
82)	T	4-Chlorotoluene	2.722	2.698	2.815	2.868	2.717	2.625	2.741	3.18
83)	T	tert-Butylbenzene	2.580	2.581	2.947	2.840	2.772	2.658	2.729	5.45
84)	T	1,2,4-Trimethy...	3.117	2.962	3.278	3.341	3.228	3.152	3.180	4.22
85)	T	sec-Butylbenzene	3.994	3.957	4.232	4.326	4.180	4.006	4.116	3.67
86)	T	p-Isopropyltol...	3.252	3.199	3.571	3.734	3.591	3.447	3.466	5.99
87)	T	1,3-Dichlorobe...	1.739	1.734	1.814	1.837	1.755	1.696	1.762	3.01
88)	T	1,4-Dichlorobe...	1.734	1.764	1.776	1.791	1.723	1.665	1.742	2.62
89)	T	n-Butylbenzene	3.217	3.188	3.372	3.464	3.317	3.185	3.290	3.45
90)	T	Hexachloroethane	0.687	0.708	0.690	0.718	0.667	0.639	0.685	4.13
91)	T	1,2-Dichlorobe...	1.463	1.571	1.574	1.587	1.498	1.444	1.523	4.10
92)	T	1,2-Dibromo-3-...	0.129	0.101	0.114	0.117	0.101	0.097	0.110	11.18
93)	T	1,2,4-Trichlor...	0.926	0.962	0.884	0.974	0.935	0.897	0.930	3.79
94)	T	Hexachlorobuta...	0.506	0.491	0.520	0.498	0.485	0.457	0.493	4.35
95)	T	Naphthalene	1.543	1.479	1.661	1.831	1.780	1.732	1.671	8.23
96)	T	1,2,3-Trichlor...	0.794	0.755	0.763	0.851	0.805	0.775	0.790	4.47

(#) = Out of Range