Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D012622S.M
Title : SW846 8260
Last Update : Thu Jan 27 06:04:38 2022
Response Via : Initial Calibration

Calibration Files
10 =VD071785.D 5 =VD071784.D 20 =VD071786.D 50 =VD071787.D 100 =VD071788.D 150 =VD071789.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.711	0.572	0.652	0.564	0.538	0.519	0.593	12.42
3)	P	Chloromethane	0.803	0.750	0.757	0.670	0.649	0.631	0.710	9.76
4)	C	Vinyl Chloride	0.824	0.738	0.783	0.731	0.711	0.672	0.743	7.22#
5)	T	Bromomethane	0.553	0.559	0.481	0.458	0.454	0.437	0.490	10.71
6)	T	Chloroethane	0.513	0.486	0.484	0.466	0.447	0.430	0.471	6.32
7)	T	Trichlorofluor...	1.160	1.109	1.098	1.057	1.003	0.964	1.065	6.78
8)	T	Diethyl Ether	0.264	0.283	0.288	0.290	0.284	0.277	0.281	3.43
9)	T	1,1,2-Trichlor...	0.654	0.615	0.602	0.605	0.576	0.553	0.601	5.77
10)	T	Methyl Iodide	0.571	0.521	0.593	0.685	0.675	0.651	0.616	10.51
11)	T	Tert butyl alc...	0.058	0.060	0.053	0.039	0.036	0.033	0.046	25.54
12)	CM	1,1-Dichloroet...	0.557	0.533	0.556	0.574	0.547	0.529	0.549	3.07#
13)	T	Acrolein	0.058	0.062	0.066	0.051	0.052	0.047	0.056	12.82
14)	T	Allyl chloride	1.037	0.997	1.052	1.081	1.072	1.044	1.047	2.84
15)	T	Acrylonitrile	0.142	0.140	0.147	0.150	0.144	0.134	0.143	3.89
16)	T	Acetone	0.162	0.182	0.167	0.191	0.174	0.161	0.173	6.87
17)	T	Carbon Disulfide	2.037	1.909	1.975	1.928	1.867	1.777	1.915	4.67
18)	T	Methyl Acetate	0.336	0.380	0.370	0.367	0.381	0.410	0.374	6.38
19)	T	Methyl tert-bu...	1.260	1.222	1.292	1.408	1.379	1.325	1.314	5.38
20)	T	Methylene Chlo...	0.781	0.947	0.679	0.661	0.617	0.593	0.713	18.49
21)	T	trans-1,2-Dich...	0.663	0.628	0.633	0.659	0.639	0.615	0.639	2.91
22)	T	Diisopropyl ether	1.973	1.903	2.019	2.214	2.147	2.057	2.052	5.54
23)	T	Vinyl Acetate	1.033	0.967	1.133	1.277	1.230	1.154	1.132	10.31
24)	P	1,1-Dichloroet...	1.243	1.152	1.191	1.246	1.192	1.154	1.196	3.44
25)	T	2-Butanone	0.192	0.185	0.203	0.221	0.211	0.198	0.202	6.57
26)	T	2,2-Dichloropr...	0.969	0.989	0.983	1.016	1.005	0.978	0.990	1.77
27)	T	cis-1,2-Dichlo...	0.688	0.650	0.677	0.716	0.706	0.684	0.687	3.36
28)	T	Bromochloromet...	0.420	0.493	0.426	0.474	0.454	0.440	0.451	6.26
29)	T	Tetrahydrofuran	0.114	0.113	0.124	0.129	0.123	0.114	0.119	5.59
30)	C	Chloroform	1.265	1.271	1.211	1.242	1.199	1.143	1.222	3.94#
31)	T	Cyclohexane	1.280	1.329	1.192	1.182	1.151	1.104	1.207	6.91
32)	T	1,1,1-Trichlor...	1.128	1.112	1.042	1.085	1.070	1.030	1.078	3.57
33)	S	1,2-Dichloroet...	0.622	0.640	0.612	0.644	0.645	0.629	0.632	2.13
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.318	0.330	0.313	0.330	0.341	0.339	0.329	3.40
36)	T	1,1-Dichloropr...	0.564	0.530	0.559	0.595	0.571	0.566	0.564	3.72
37)	T	Ethyl Acetate	0.261	0.264	0.268	0.279	0.259	0.243	0.262	4.55
38)	T	Carbon Tetrach...	0.563	0.533	0.550	0.582	0.562	0.557	0.558	2.91
39)	T	Methylcyclohexane	0.646	0.558	0.638	0.702	0.693	0.684	0.654	8.16
40)	TM	Benzene	1.529	1.442	1.498	1.611	1.545	1.511	1.523	3.66
41)	T	Methacrylonitrile	0.124	0.120	0.159	0.170	0.160	0.157	0.148	14.05
42)	TM	1,2-Dichloroet...	0.476	0.451	0.496	0.513	0.484	0.465	0.481	4.61
43)	T	Isopropyl Acetate	0.447	0.437	0.479	0.516	0.486	0.464	0.471	6.08
44)	TM	Trichloroethene	0.391	0.388	0.394	0.407	0.393	0.387	0.393	1.85
45)	C	1,2-Dichloropr...	0.396	0.372	0.392	0.414	0.396	0.385	0.393	3.55#
46)	T	Dibromomethane	0.205	0.189	0.210	0.221	0.207	0.202	0.206	5.15
47)	T	Bromodichlorom...	0.556	0.504	0.539	0.578	0.548	0.537	0.544	4.55
48)	T	Methyl methacr...	0.242	0.233	0.245	0.268	0.258	0.250	0.249	5.00
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.002	0.002	5.56
50)	S	Toluene-d8	1.157	1.122	1.142	1.272	1.333	1.338	1.227	8.03
51)	T	4-Methyl-2-Pen...	0.231	0.216	0.254	0.273	0.259	0.248	0.247	8.31
52)	CM	Toluene	0.915	0.840	0.946	1.006	1.003	0.972	0.947	6.66#
53)	T	t-1,3-Dichloro...	0.476	0.441	0.483	0.548	0.528	0.521	0.499	7.96
54)	T	cis-1,3-Dichlo...	0.563	0.533	0.569	0.623	0.616	0.607	0.585	6.09
55)	T	1,1,2-Trichlor...	0.271	0.262	0.272	0.291	0.276	0.265	0.273	3.70
56)	T	Ethyl methacry...	0.299	0.279	0.327	0.382	0.372	0.367	0.338	12.58

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57)	T	1,3-Dichloropr...	0.477	0.449	0.485	0.525	0.500	0.486	0.487	5.17
58)	T	2-Chloroethyl ...	0.139	0.143	0.155	0.177	0.168	0.173	0.159	10.01
59)	T	2-Hexanone	0.161	0.149	0.180	0.205	0.195	0.185	0.179	11.82
60)	T	Dibromochlorom...	0.331	0.305	0.338	0.363	0.348	0.338	0.337	5.73
61)	T	1,2-Dibromoethane	0.262	0.233	0.272	0.283	0.268	0.259	0.263	6.45
62)	S	4-Bromofluorob...	0.409	0.399	0.413	0.433	0.460	0.457	0.429	6.01
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.373	0.338	0.348	0.370	0.351	0.343	0.354	4.08
65)	PM	Chlorobenzene	1.096	0.969	1.045	1.112	1.076	1.048	1.058	4.79
66)	T	1,1,1,2-Tetrac...	0.391	0.356	0.381	0.405	0.391	0.384	0.385	4.25
67)	C	Ethyl Benzene	1.876	1.735	1.905	2.107	2.056	1.999	1.946	6.96#
68)	T	m/p-Xylenes	0.735	0.625	0.732	0.806	0.787	0.758	0.740	8.55
69)	T	o-Xylene	0.631	0.579	0.645	0.736	0.735	0.711	0.673	9.55
70)	T	Styrene	1.125	0.925	1.156	1.272	1.261	1.218	1.160	11.07
71)	P	Bromoform	0.207	0.191	0.206	0.217	0.211	0.201	0.205	4.34
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.776	3.320	3.786	4.172	4.135	4.041	3.872	8.24
74)	T	N-amyl acetate	0.899	0.787	0.956	1.063	1.033	0.976	0.952	10.44
75)	P	1,1,2,2-Tetrac...	0.745	0.699	0.748	0.737	0.702	0.668	0.716	4.49
76)	T	1,2,3-Trichlor...	0.589	0.489	0.540	0.531	0.524	0.490	0.527	7.02
77)	T	Bromobenzene	0.858	0.796	0.859	0.903	0.893	0.858	0.861	4.36
78)	T	n-propylbenzene	4.919	4.046	4.818	5.259	5.147	4.940	4.855	8.81
79)	T	2-Chlorotoluene	2.761	2.395	2.724	2.946	2.874	2.807	2.751	6.97
80)	T	1,3,5-Trimethy...	3.179	2.640	3.227	3.493	3.411	3.318	3.211	9.43
81)	T	trans-1,4-Dich...	0.205	0.189	0.217	0.229	0.224	0.221	0.214	6.87
82)	T	4-Chlorotoluene	2.921	2.489	2.847	3.036	2.987	2.894	2.862	6.80
83)	T	tert-Butylbenzene	2.607	2.173	2.616	2.887	2.891	2.795	2.661	10.15
84)	T	1,2,4-Trimethy...	3.065	2.597	3.174	3.459	3.382	3.278	3.159	9.80
85)	T	sec-Butylbenzene	4.075	3.652	4.142	4.481	4.394	4.242	4.164	7.04
86)	T	p-Isopropyltol...	3.301	2.729	3.357	3.706	3.664	3.548	3.384	10.61
87)	T	1,3-Dichlorobe...	1.800	1.644	1.718	1.836	1.770	1.725	1.749	3.89
88)	T	1,4-Dichlorobe...	1.771	1.715	1.727	1.812	1.752	1.696	1.745	2.40
89)	T	n-Butylbenzene	3.244	2.816	3.317	3.569	3.548	3.428	3.320	8.37
90)	T	Hexachloroethane	0.679	0.626	0.661	0.696	0.691	0.683	0.673	3.82
91)	T	1,2-Dichlorobe...	1.531	1.393	1.483	1.583	1.516	1.474	1.497	4.28
92)	T	1,2-Dibromo-3-...	0.124	0.114	0.122	0.124	0.114	0.113	0.119	4.36
93)	T	1,2,4-Trichlor...	0.859	0.788	0.847	0.924	0.916	0.912	0.874	6.07
94)	T	Hexachlorobuta...	0.502	0.443	0.466	0.486	0.488	0.476	0.477	4.25
95)	T	Naphthalene	1.400	1.225	1.548	1.815	1.785	1.756	1.588	15.10
96)	T	1,2,3-Trichlor...	0.723	0.655	0.764	0.806	0.786	0.762	0.749	7.23

(#) = Out of Range