Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X030722W.M
Title : SW846 8260
Last Update : Mon Mar 07 14:49:16 2022
Response Via : Initial Calibration

Calibration Files
1 =VX027319.D 5 =VX027320.D 20 =VX027321.D 50 =VX027322.D 100 =VX027323.D 150 =VX027324.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.513	0.558	0.537	0.536	0.575	0.526	0.541	4.12
3)	P	Chloromethane	0.460	0.470	0.386	0.403	0.435	0.455	0.435	7.74
4)	C	Vinyl Chloride	0.373	0.435	0.373	0.390	0.436	0.461	0.411	9.07#
5)	T	Bromomethane		0.231	0.229	0.195	0.213	0.189	0.211	9.11
6)	T	Chloroethane	0.284	0.286	0.237	0.233	0.252	0.236	0.254	9.59
7)	T	Trichlorofluor...	0.755	0.776	0.693	0.688	0.739	0.651	0.717	6.62
8)	T	Diethyl Ether	0.254	0.234	0.203	0.209	0.229	0.238	0.228	8.26
9)	T	1,1,2-Trichlor...	0.443	0.518	0.458	0.460	0.502	0.511	0.482	6.63
10)	T	Methyl Iodide		0.422	0.525	0.610	0.689	0.658	0.581	18.69
11)	T	Tert butyl alc...		0.115	0.110	0.114	0.125	0.133	0.119	7.86
12)	CM	1,1-Dichloroet...	0.449	0.496	0.442	0.443	0.490	0.510	0.472	6.45#
13)	T	Acrolein		0.114	0.094	0.086	0.093	0.106	0.099	11.48
14)	T	Allyl chloride	0.713	0.811	0.729	0.741	0.825	0.970	0.798	11.96
15)	T	Acrylonitrile	0.263	0.292	0.277	0.275	0.298	0.328	0.289	7.91
16)	T	Acetone	0.323	0.280	0.248	0.240	0.256	0.279	0.271	11.13
17)	T	Carbon Disulfide	1.354	1.296	1.146	1.175	1.304	1.424	1.283	8.25
18)	T	Methyl Acetate	0.577	0.634	0.613	0.608	0.655	0.751	0.640	9.48
19)	T	Methyl tert-bu...	1.502	1.645	1.524	1.528	1.671	1.749	1.603	6.23
20)	T	Methylene Chlo...	0.637	0.563	0.503	0.497	0.543	0.572	0.553	9.34
21)	T	trans-1,2-Dich...	0.520	0.541	0.488	0.487	0.525	0.548	0.518	4.94
22)	T	Diisopropyl ether	1.365	1.554	1.412	1.416	1.539	1.539	1.471	5.60
23)	T	Vinyl Acetate	1.119	1.310	1.237	1.264	1.389	1.462	1.297	9.29
24)	P	1,1-Dichloroet...	0.913	0.945	0.841	0.853	0.928	1.011	0.915	6.82
25)	T	2-Butanone	0.370	0.415	0.380	0.382	0.413	0.408	0.395	4.94
26)	T	2,2-Dichloropr...	0.638	0.736	0.643	0.682	0.751	0.746	0.699	7.40
27)	T	cis-1,2-Dichlo...	0.590	0.636	0.558	0.557	0.614	0.607	0.594	5.33
28)	T	Bromochloromet...	0.319	0.373	0.324	0.346	0.349	0.307	0.336	7.17
29)	T	Tetrahydrofuran	0.244	0.256	0.245	0.246	0.267	0.214	0.245	7.19
30)	C	Chloroform	0.939	1.009	0.920	0.920	0.987	0.808	0.931	7.57#
31)	T	Cyclohexane		0.846	0.760	0.754	0.824	0.924	0.822	8.52
32)	T	1,1,1-Trichlor...	0.810	0.894	0.801	0.822	0.907	0.860	0.849	5.26
33)	S	1,2-Dichloroet...		0.582	0.576	0.603	0.631	0.575	0.593	4.04
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.306	0.302	0.323	0.333	0.374	0.328	8.85
36)	T	1,1-Dichloropr...	0.412	0.493	0.432	0.436	0.467	0.581	0.470	13.04
37)	T	Ethyl Acetate	0.427	0.512	0.447	0.459	0.500	0.662	0.501	17.00
38)	T	Carbon Tetrach...	0.470	0.534	0.489	0.486	0.529	0.619	0.521	10.39
39)	T	Methylcyclohexane	0.530	0.591	0.531	0.530	0.578	0.696	0.576	11.19
40)	TM	Benzene	1.282	1.452	1.279	1.254	1.352	1.565	1.364	8.95
41)	T	Methacrylonitrile	0.226	0.273	0.259	0.258	0.269	0.259	0.257	6.42
42)	TM	1,2-Dichloroet...	0.467	0.517	0.473	0.476	0.502	0.619	0.509	11.23
43)	T	Isopropyl Acetate	0.682	0.773	0.696	0.718	0.802	1.078	0.792	18.65
44)	TM	Trichloroethene	0.374	0.436	0.373	0.379	0.421	0.436	0.403	7.63
45)	C	1,2-Dichloropr...	0.320	0.332	0.313	0.311	0.343	0.432	0.342	13.45#
46)	T	Dibromomethane	0.227	0.263	0.228	0.233	0.259	0.307	0.253	12.24
47)	T	Bromodichlorom...	0.423	0.482	0.449	0.455	0.509	0.588	0.485	12.11
48)	T	Methyl methacr...	0.335	0.393	0.350	0.361	0.408	0.538	0.398	18.59
49)	T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.010	0.011	0.009	14.68
50)	S	Toluene-d8		1.164	1.134	1.165	1.296	1.218	1.195	5.34
51)	T	4-Methyl-2-Pen...	0.426	0.523	0.477	0.477	0.546	0.481	0.488	8.53
52)	CM	Toluene	0.830	0.949	0.821	0.830	0.952	0.840	0.870	7.15#
53)	T	t-1,3-Dichloro...	0.347	0.429	0.432	0.470	0.574	0.530	0.464	17.38
54)	T	cis-1,3-Dichlo...	0.424	0.512	0.495	0.518	0.601	0.566	0.519	11.76
55)	T	1,1,2-Trichlor...	0.334	0.406	0.340	0.335	0.386	0.357	0.360	8.37
56)	T	Ethyl methacry...	0.429	0.515	0.490	0.521	0.623	0.562	0.523	12.51

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
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57)	T	1,3-Dichloropr...	0.540	0.614	0.550	0.553	0.649	0.696	0.600	10.58
58)	T	2-Chloroethyl ...	0.208	0.235	0.239	0.250	0.296	0.254	0.247	11.72
59)	T	2-Hexanone	0.332	0.385	0.363	0.374	0.449	0.525	0.405	17.35
60)	T	Dibromochlorom...	0.327	0.378	0.365	0.381	0.455	0.499	0.401	15.89
61)	T	1,2-Dibromoethane	0.335	0.399	0.356	0.359	0.435	0.481	0.394	14.17
62)	S	4-Bromofluorob...		0.438	0.426	0.458	0.546	0.475	0.469	10.11
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.474	0.460	0.413	0.404	0.411	0.364	0.421	9.47
65)	PM	Chlorobenzene	1.068	1.117	0.996	0.988	1.052	1.042	1.044	4.58
66)	T	1,1,1,2-Tetrac...	0.339	0.410	0.375	0.374	0.408	0.399	0.384	7.07
67)	C	Ethyl Benzene	1.683	1.918	1.748	1.731	1.862	1.871	1.802	5.19#
68)	T	m/p-Xylenes	0.668	0.764	0.694	0.691	0.724	0.711	0.709	4.66
69)	T	o-Xylene	0.650	0.749	0.652	0.672	0.716	0.715	0.692	5.82
70)	T	Styrene	1.017	1.181	1.103	1.121	1.213	1.214	1.142	6.70
71)	P	Bromoform	0.248	0.278	0.280	0.307	0.338	0.305	0.293	10.62
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.315	3.857	3.244	3.333	3.731	4.081	3.593	9.58
74)	T	N-amyl acetate	1.016	1.268	1.159	1.314	1.484	1.764	1.334	19.66
75)	P	1,1,2,2-Tetrac...	1.078	1.206	0.989	0.993	1.111	1.115	1.082	7.62
76)	T	1,2,3-Trichlor...	0.918	1.129	0.930	0.962	1.050	1.053	1.007	8.26
77)	T	Bromobenzene	0.971	1.062	0.851	0.850	0.924	0.947	0.934	8.57
78)	T	n-propylbenzene	3.646	4.298	3.653	3.809	4.255	4.458	4.020	8.92
79)	T	2-Chlorotoluene	2.547	2.783	2.245	2.296	2.551	2.961	2.564	10.74
80)	T	1,3,5-Trimethy...	3.032	3.316	2.920	2.841	3.152	3.243	3.084	6.02
81)	T	trans-1,4-Dich...		0.271	0.262	0.297	0.354	0.414	0.320	20.03
82)	T	4-Chlorotoluene	2.592	3.117	2.645	2.655	2.950	3.023	2.830	7.99
83)	T	tert-Butylbenzene	2.883	3.362	2.669	2.821	3.152	3.388	3.046	9.82
84)	T	1,2,4-Trimethy...	2.651	3.248	2.731	3.080	3.220	3.548	3.080	10.98
85)	T	sec-Butylbenzene	3.367	3.930	3.517	3.486	4.050	3.682	3.672	7.32
86)	T	p-Isopropyltol...	2.941	3.409	2.953	3.058	3.482	3.225	3.178	7.30
87)	T	1,3-Dichlorobe...	1.744	1.860	1.503	1.579	1.807	1.682	1.696	8.02
88)	T	1,4-Dichlorobe...	1.872	1.947	1.547	1.627	1.773	1.703	1.745	8.59
89)	T	n-Butylbenzene	2.446	2.658	2.416	2.465	2.881	2.788	2.609	7.53
90)	T	Hexachloroethane	0.422	0.499	0.426	0.484	0.568	0.576	0.496	13.42
91)	T	1,2-Dichlorobe...	1.785	1.870	1.547	1.537	1.718	1.660	1.686	7.83
92)	T	1,2-Dibromo-3-...	0.209	0.253	0.232	0.248	0.299	0.268	0.252	12.11
93)	T	1,2,4-Trichlor...	1.055	1.123	0.968	1.016	1.154	1.094	1.068	6.50
94)	T	Hexachlorobuta...	0.474	0.487	0.412	0.410	0.457	0.435	0.446	7.23
95)	T	Naphthalene	3.371	3.495	3.258	3.494	4.049	3.596	3.544	7.72
96)	T	1,2,3-Trichlor...	0.977	1.168	1.039	1.022	1.185	1.120	1.085	7.81

(#) = Out of Range