Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W071921S.M
Title : SW846 8260
Last Update : Tue Jul 20 04:35:05 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019498.D 5 =VW019497.D 20 =VW019499.D 50 =VW019500.D 100 =VW019501.D 150 =VW019502.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.333	0.384	0.343	0.371	0.358	0.349	0.356	5.24
3)	P	Chloromethane	0.408	0.496	0.404	0.416	0.432	0.437	0.432	7.84
4)	C	Vinyl Chloride	0.582	0.651	0.584	0.596	0.569	0.552	0.589	5.73#
5)	T	Bromomethane	0.343	0.405	0.332	0.347	0.315	0.297	0.340	10.89
6)	T	Chloroethane	0.320	0.359	0.332	0.345	0.335	0.313	0.334	4.97
7)	T	Trichlorofluor...	0.332	0.352	0.358	0.389	0.408	0.414	0.375	8.80
8)	T	Diethyl Ether	0.293	0.305	0.293	0.289	0.296	0.285	0.294	2.30
9)	T	1,1,2-Trichlor...	0.522	0.540	0.554	0.533	0.514	0.506	0.528	3.37
10)	T	Methyl Iodide	0.652	0.674	0.701	0.699	0.705	0.695	0.688	3.02
11)	T	Tert butyl alc...	0.045	0.048	0.041	0.034	0.033	0.032	0.039	17.50
12)	CM	1,1-Dichloroet...	0.542	0.547	0.556	0.562	0.551	0.539	0.550	1.56#
13)	T	Acrolein	0.040	0.037	0.033	0.031	0.030	0.029	0.033	14.21
14)	T	Allyl chloride	0.744	0.790	0.796	0.814	0.806	0.787	0.789	3.10
15)	T	Acrylonitrile	0.137	0.126	0.122	0.124	0.124	0.117	0.125	5.31
16)	T	Acetone	0.101	0.101	0.087	0.089	0.085	0.081	0.091	9.44
17)	T	Carbon Disulfide	1.529	1.638	1.572	1.609	1.552	1.532	1.572	2.77
18)	T	Methyl Acetate	0.343	0.364	0.284	0.280	0.279	0.263	0.302	13.62
19)	T	Methyl tert-bu...	0.800	0.778	0.771	0.779	0.781	0.728	0.773	3.10
20)	T	Methylene Chlo...	0.738	0.873	0.694	0.631	0.581	0.552	0.678	17.38
21)	T	trans-1,2-Dich...	0.578	0.616	0.609	0.620	0.598	0.569	0.598	3.47
22)	T	Diisopropyl ether	1.710	1.672	1.772	1.744	1.669	1.568	1.689	4.26
23)	T	Vinyl Acetate	1.041	0.926	1.022	1.058	1.054	0.984	1.014	5.01
24)	P	1,1-Dichloroet...	1.117	1.163	1.165	1.153	1.111	1.059	1.128	3.65
25)	T	2-Butanone	0.174	0.166	0.152	0.153	0.152	0.142	0.156	7.24
26)	T	2,2-Dichloropr...	0.600	0.662	0.629	0.605	0.573	0.534	0.601	7.37
27)	T	cis-1,2-Dichlo...	0.647	0.675	0.687	0.691	0.666	0.639	0.667	3.15
28)	T	Bromochloromet...	0.473	0.489	0.474	0.445	0.416	0.405	0.450	7.59
29)	T	Tetrahydrofuran	0.117	0.108	0.101	0.103	0.101	0.094	0.104	7.38
30)	C	Chloroform	1.105	1.159	1.134	1.104	1.085	1.027	1.102	4.07#
31)	T	Cyclohexane	1.080	1.215	1.080	1.021	0.965	0.943	1.051	9.37
32)	T	1,1,1-Trichlor...	0.801	0.866	0.841	0.825	0.803	0.775	0.819	3.96
33)	S	1,2-Dichloroet...	0.628	0.696	0.596	0.500	0.458	0.454	0.555	17.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.337	0.356	0.330	0.279	0.268	0.263	0.305	13.10
36)	T	1,1-Dichloropr...	0.528	0.530	0.555	0.535	0.546	0.504	0.533	3.31
37)	T	Ethyl Acetate	0.242	0.239	0.214	0.218	0.226	0.202	0.223	6.81
38)	T	Carbon Tetrach...	0.455	0.469	0.482	0.465	0.479	0.443	0.466	3.17
39)	T	Methylcyclohexane	0.597	0.596	0.661	0.649	0.661	0.638	0.634	4.75
40)	TM	Benzene	1.480	1.487	1.566	1.499	1.525	1.394	1.492	3.82
41)	T	Methacrylonitrile	0.132	0.106	0.119	0.136	0.136	0.133	0.127	9.57
42)	TM	1,2-Dichloroet...	0.447	0.445	0.440	0.426	0.434	0.391	0.430	4.86
43)	T	Isopropyl Acetate	0.448	0.409	0.410	0.404	0.439	0.396	0.418	4.95
44)	TM	Trichloroethene	0.368	0.381	0.390	0.372	0.389	0.357	0.376	3.44
45)	C	1,2-Dichloropr...	0.380	0.376	0.396	0.373	0.384	0.353	0.377	3.77#
46)	T	Dibromomethane	0.201	0.196	0.192	0.186	0.195	0.177	0.191	4.37
47)	T	Bromodichlorom...	0.479	0.462	0.494	0.481	0.503	0.462	0.480	3.43
48)	T	Methyl methacr...	0.197	0.170	0.180	0.187	0.217	0.197	0.191	8.48
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.84
50)	S	Toluene-d8	1.312	1.377	1.313	1.080	1.022	0.992	1.183	14.36
51)	T	4-Methyl-2-Pen...	0.243	0.208	0.211	0.209	0.223	0.199	0.215	7.17
52)	CM	Toluene	0.919	0.906	0.970	0.923	0.958	0.880	0.926	3.59#
53)	T	t-1,3-Dichloro...	0.484	0.457	0.497	0.491	0.522	0.486	0.490	4.31
54)	T	cis-1,3-Dichlo...	0.577	0.540	0.603	0.589	0.616	0.571	0.583	4.56
55)	T	1,1,2-Trichlor...	0.287	0.265	0.272	0.266	0.275	0.251	0.269	4.48
56)	T	Ethyl methacry...	0.354	0.310	0.345	0.358	0.391	0.356	0.352	7.43

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57)	T	1,3-Dichloropr...	0.507	0.490	0.496	0.476	0.499	0.453	0.487	4.03
58)	T	2-Chloroethyl ...	0.181	0.155	0.164	0.155	0.169	0.155	0.163	6.44
59)	T	2-Hexanone	0.162	0.135	0.139	0.139	0.149	0.134	0.143	7.43
60)	T	Dibromochlorom...	0.296	0.281	0.298	0.292	0.317	0.290	0.296	4.07
61)	T	1,2-Dibromoethane	0.262	0.255	0.255	0.248	0.262	0.241	0.254	3.28
62)	S	4-Bromofluorob...	0.478	0.509	0.482	0.415	0.394	0.385	0.444	11.78
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.327	0.333	0.351	0.335	0.342	0.327	0.336	2.75
65)	PM	Chlorobenzene	1.044	1.064	1.115	1.056	1.075	1.029	1.064	2.78
66)	T	1,1,1,2-Tetrac...	0.357	0.363	0.375	0.371	0.373	0.355	0.366	2.34
67)	C	Ethyl Benzene	1.857	1.842	2.066	1.985	2.019	1.913	1.947	4.65#
68)	T	m/p-Xylenes	0.720	0.698	0.797	0.760	0.759	0.731	0.744	4.70
69)	T	o-Xylene	0.665	0.638	0.741	0.718	0.724	0.689	0.696	5.61
70)	T	Styrene	1.147	1.058	1.233	1.215	1.231	1.169	1.175	5.70
71)	P	Bromoform	0.182	0.172	0.177	0.187	0.192	0.185	0.182	3.97
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.542	3.377	3.991	3.826	4.060	3.998	3.799	7.35
74)	T	N-amyl acetate	0.908	0.767	0.849	0.844	0.955	0.893	0.869	7.44
75)	P	1,1,2,2-Tetrac...	0.754	0.709	0.718	0.678	0.744	0.682	0.714	4.38
76)	T	1,2,3-Trichlor...	0.538	0.494	0.488	0.459	0.514	0.471	0.494	5.81
77)	T	Bromobenzene	0.820	0.813	0.888	0.842	0.914	0.862	0.856	4.62
78)	T	n-propylbenzene	4.493	4.299	5.095	4.781	5.002	4.829	4.750	6.38
79)	T	2-Chlorotoluene	2.692	2.568	2.937	2.784	2.951	2.822	2.793	5.25
80)	T	1,3,5-Trimethy...	3.076	2.889	3.475	3.256	3.404	3.337	3.240	6.79
81)	T	trans-1,4-Dich...	0.213	0.181	0.212	0.212	0.250	0.233	0.217	10.72
82)	T	4-Chlorotoluene	2.812	2.724	3.047	2.859	2.996	2.888	2.888	4.11
83)	T	tert-Butylbenzene	2.603	2.396	2.943	2.784	2.971	2.794	2.748	7.90
84)	T	1,2,4-Trimethy...	3.125	2.919	3.492	3.258	3.390	3.268	3.242	6.22
85)	T	sec-Butylbenzene	4.028	3.827	4.522	4.306	4.431	4.232	4.224	6.13
86)	T	p-Isopropyltol...	3.373	3.158	3.646	3.492	3.644	3.573	3.481	5.43
87)	T	1,3-Dichlorobe...	1.707	1.735	1.849	1.722	1.806	1.699	1.753	3.45
88)	T	1,4-Dichlorobe...	1.750	1.796	1.816	1.674	1.719	1.655	1.735	3.73
89)	T	n-Butylbenzene	3.257	3.078	3.641	3.412	3.570	3.488	3.408	6.13
90)	T	Hexachloroethane	0.575	0.566	0.616	0.611	0.656	0.658	0.614	6.35
91)	T	1,2-Dichlorobe...	1.518	1.513	1.600	1.517	1.590	1.511	1.542	2.70
92)	T	1,2-Dibromo-3-...	0.126	0.119	0.115	0.110	0.123	0.117	0.118	4.66
93)	T	1,2,4-Trichlor...	1.029	0.978	1.048	1.030	1.095	1.063	1.041	3.79
94)	T	Hexachlorobuta...	0.592	0.571	0.591	0.577	0.614	0.588	0.589	2.54
95)	T	Naphthalene	1.937	1.656	1.866	1.927	2.073	1.976	1.906	7.36
96)	T	1,2,3-Trichlor...	0.967	0.867	0.905	0.871	0.944	0.905	0.910	4.35

(#) = Out of Range