Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W052421S.M
Title : SW846 8260
Last Update : Mon May 24 14:01:57 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019062.D 5 =VW019061.D 20 =VW019063.D 50 =VW019064.D 100 =VW019065.D 150 =VW019066.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.409	0.316	0.354	0.355	0.358	0.321	0.352	9.52
3)	P	Chloromethane	0.430	0.414	0.362	0.363	0.386	0.381	0.389	7.02
4)	C	Vinyl Chloride	0.670	0.597	0.611	0.619	0.610	0.554	0.610	6.13#
5)	T	Bromomethane	0.551	0.530	0.501	0.472	0.483	0.425	0.494	9.03
6)	T	Chloroethane	0.440	0.409	0.393	0.400	0.409	0.381	0.405	4.96
7)	T	Trichlorofluor...	0.391	0.334	0.335	0.360	0.360	0.344	0.354	6.03
8)	T	Diethyl Ether	0.310	0.280	0.273	0.280	0.275	0.257	0.279	6.11
9)	T	1,1,2-Trichlor...	0.594	0.540	0.531	0.537	0.526	0.480	0.535	6.84
10)	T	Methyl Iodide	0.857	0.759	0.736	0.756	0.747	0.702	0.759	6.84
11)	T	Tert butyl alc...	0.034	0.032	0.030	0.030	0.030	0.027	0.031	7.92
12)	CM	1,1-Dichloroet...	0.621	0.553	0.546	0.557	0.552	0.511	0.557	6.41#
13)	T	Acrolein	0.044	0.042	0.040	0.034	0.036	0.032	0.038	12.78
14)	T	Allyl chloride	0.819	0.752	0.720	0.745	0.738	0.687	0.744	5.86
15)	T	Acrylonitrile	0.115	0.102	0.098	0.104	0.102	0.095	0.103	6.61
16)	T	Acetone	0.111	0.111	0.092	0.095	0.090	0.080	0.096	12.55
17)	T	Carbon Disulfide	1.651	1.486	1.481	1.517	1.500	1.398	1.505	5.47
18)	T	Methyl Acetate	0.279	0.312	0.248	0.254	0.245	0.227	0.261	11.48
19)	T	Methyl tert-bu...	0.753	0.695	0.661	0.683	0.662	0.609	0.677	6.98
20)	T	Methylene Chlo...	0.814	1.010	0.674	0.595	0.576	0.529	0.700	25.99
21)	T	trans-1,2-Dich...	0.688	0.625	0.616	0.618	0.613	0.566	0.621	6.28
22)	T	Diisopropyl ether	1.568	1.448	1.410	1.452	1.429	1.336	1.440	5.24
23)	T	Vinyl Acetate	1.022	0.866	0.927	0.976	0.981	0.925	0.950	5.78
24)	P	1,1-Dichloroet...	1.231	1.147	1.109	1.106	1.090	1.014	1.116	6.41
25)	T	2-Butanone	0.160	0.143	0.135	0.143	0.142	0.131	0.142	7.06
26)	T	2,2-Dichloropr...	0.728	0.682	0.630	0.621	0.607	0.560	0.638	9.25
27)	T	cis-1,2-Dichlo...	0.751	0.688	0.665	0.682	0.680	0.627	0.682	5.90
28)	T	Bromochloromet...	0.474	0.455	0.437	0.427	0.439	0.418	0.442	4.54
29)	T	Tetrahydrofuran	0.087	0.080	0.078	0.082	0.081	0.076	0.081	4.83
30)	C	Chloroform	1.249	1.139	1.110	1.110	1.115	1.025	1.125	6.42#
31)	T	Cyclohexane	1.109	1.103	0.945	0.890	0.862	0.786	0.949	13.89
32)	T	1,1,1-Trichlor...	0.968	0.863	0.858	0.865	0.853	0.783	0.865	6.85
33)	S	1,2-Dichloroet...	0.646	0.658	0.606	0.640	0.629	0.582	0.627	4.47
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.339	0.354	0.339	0.360	0.339	0.311	0.340	4.91
36)	T	1,1-Dichloropr...	0.603	0.573	0.571	0.568	0.540	0.493	0.558	6.74
37)	T	Ethyl Acetate	0.210	0.210	0.204	0.210	0.195	0.182	0.202	5.64
38)	T	Carbon Tetrach...	0.533	0.489	0.494	0.509	0.494	0.452	0.495	5.38
39)	T	Methylcyclohexane	0.663	0.621	0.627	0.638	0.610	0.561	0.620	5.53
40)	TM	Benzene	1.660	1.576	1.548	1.547	1.460	1.334	1.521	7.34
41)	T	Methacrylonitrile	0.122	0.115	0.114	0.123	0.119	0.113	0.118	3.69
42)	TM	1,2-Dichloroet...	0.482	0.466	0.450	0.457	0.437	0.400	0.449	6.24
43)	T	Isopropyl Acetate	0.395	0.374	0.389	0.411	0.394	0.370	0.389	3.78
44)	TM	Trichloroethene	0.431	0.405	0.394	0.409	0.395	0.366	0.400	5.38
45)	C	1,2-Dichloropr...	0.397	0.385	0.369	0.378	0.359	0.328	0.369	6.51#
46)	T	Dibromomethane	0.204	0.191	0.192	0.200	0.189	0.176	0.192	5.20
47)	T	Bromodichlorom...	0.521	0.480	0.493	0.514	0.499	0.464	0.495	4.25
48)	T	Methyl methacr...	0.183	0.183	0.175	0.190	0.185	0.176	0.182	3.09
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.002	0.002	9.56
50)	S	Toluene-d8	1.380	1.408	1.366	1.461	1.400	1.300	1.386	3.82
51)	T	4-Methyl-2-Pen...	0.210	0.192	0.194	0.208	0.198	0.184	0.198	5.10
52)	CM	Toluene	1.044	0.959	0.974	0.992	0.961	0.886	0.969	5.30#
53)	T	t-1,3-Dichloro...	0.498	0.454	0.487	0.524	0.511	0.482	0.493	4.93
54)	T	cis-1,3-Dichlo...	0.596	0.564	0.578	0.621	0.597	0.551	0.584	4.34
55)	T	1,1,2-Trichlor...	0.286	0.283	0.272	0.279	0.263	0.248	0.272	5.34
56)	T	Ethyl methacry...	0.339	0.305	0.333	0.366	0.360	0.340	0.341	6.41

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57)	T	1,3-Dichloropr...	0.525	0.494	0.480	0.502	0.473	0.438	0.485	6.12
58)	T	2-Chloroethyl ...	0.180	0.162	0.172	0.181	0.177	0.161	0.172	5.09
59)	T	2-Hexanone	0.139	0.122	0.131	0.143	0.136	0.126	0.133	6.02
60)	T	Dibromochlorom...	0.310	0.280	0.297	0.314	0.317	0.303	0.304	4.46
61)	T	1,2-Dibromoethane	0.267	0.253	0.249	0.269	0.258	0.239	0.256	4.42
62)	S	4-Bromofluorob...	0.484	0.488	0.466	0.519	0.503	0.472	0.489	4.02
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.379	0.376	0.363	0.358	0.355	0.322	0.359	5.69
65)	PM	Chlorobenzene	1.193	1.152	1.106	1.119	1.097	1.010	1.113	5.50
66)	T	1,1,1,2-Tetrac...	0.400	0.374	0.366	0.397	0.390	0.355	0.380	4.80
67)	C	Ethyl Benzene	2.264	2.151	2.080	2.159	2.098	1.901	2.109	5.72#
68)	T	m/p-Xylenes	0.831	0.760	0.775	0.796	0.777	0.703	0.774	5.48
69)	T	o-Xylene	0.763	0.715	0.724	0.747	0.748	0.687	0.731	3.76
70)	T	Styrene	1.254	1.160	1.210	1.293	1.267	1.144	1.221	4.95
71)	P	Bromoform	0.183	0.167	0.172	0.189	0.200	0.187	0.183	6.55
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.286	4.096	4.065	4.059	4.207	3.772	4.081	4.30
74)	T	N-amyl acetate	0.818	0.762	0.789	0.851	0.869	0.829	0.820	4.85
75)	P	1,1,2,2-Tetrac...	0.749	0.713	0.696	0.702	0.682	0.635	0.696	5.40
76)	T	1,2,3-Trichlor...	0.515	0.502	0.476	0.471	0.469	0.429	0.477	6.24
77)	T	Bromobenzene	0.930	0.889	0.851	0.866	0.873	0.822	0.872	4.17
78)	T	n-propylbenzene	5.468	5.188	5.006	5.097	5.064	4.512	5.056	6.17
79)	T	2-Chlorotoluene	3.053	2.927	2.801	2.844	2.863	2.614	2.850	5.10
80)	T	1,3,5-Trimethy...	3.667	3.354	3.415	3.518	3.510	3.177	3.440	4.86
81)	T	trans-1,4-Dich...	0.204	0.196	0.193	0.222	0.232	0.220	0.211	7.34
82)	T	4-Chlorotoluene	3.228	3.044	2.947	3.029	3.025	2.751	3.004	5.16
83)	T	tert-Butylbenzene	3.082	2.916	2.908	3.008	2.968	2.710	2.932	4.31
84)	T	1,2,4-Trimethy...	3.630	3.411	3.379	3.545	3.477	3.163	3.434	4.69
85)	T	sec-Butylbenzene	4.699	4.456	4.391	4.466	4.380	4.014	4.401	5.04
86)	T	p-Isopropyltol...	3.974	3.578	3.713	3.931	3.828	3.470	3.749	5.31
87)	T	1,3-Dichlorobe...	1.948	1.880	1.793	1.798	1.817	1.597	1.805	6.54
88)	T	1,4-Dichlorobe...	1.879	1.844	1.763	1.804	1.734	1.645	1.778	4.71
89)	T	n-Butylbenzene	4.026	3.729	3.694	3.870	3.770	3.413	3.750	5.44
90)	T	Hexachloroethane	0.597	0.577	0.571	0.618	0.617	0.574	0.592	3.63
91)	T	1,2-Dichlorobe...	1.693	1.604	1.545	1.607	1.520	1.462	1.572	5.12
92)	T	1,2-Dibromo-3-...	0.115	0.111	0.101	0.116	0.116	0.105	0.111	5.86
93)	T	1,2,4-Trichlor...	1.229	1.091	1.028	1.094	1.089	0.982	1.086	7.67
94)	T	Hexachlorobuta...	0.639	0.643	0.597	0.637	0.619	0.546	0.613	6.10
95)	T	Naphthalene	1.991	1.811	1.886	1.996	1.931	1.809	1.904	4.38
96)	T	1,2,3-Trichlor...	0.983	0.926	0.915	0.945	0.894	0.856	0.920	4.71

(#) = Out of Range