Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W062121S.M
Title : SW846 8260
Last Update : Mon Jun 21 12:12:47 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019241.D 5 =VW019240.D 20 =VW019242.D 50 =VW019243.D 100 =VW019244.D 150 =VW019245.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.379	0.370	0.319	0.342	0.379	0.340	0.355	7.02
3)	P	Chloromethane	0.429	0.477	0.389	0.382	0.435	0.403	0.419	8.44
4)	C	Vinyl Chloride	0.679	0.704	0.643	0.611	0.655	0.558	0.641	8.07#
5)	T	Bromomethane	0.544	0.530	0.534	0.435	0.523	0.445	0.502	9.65
6)	T	Chloroethane	0.452	0.428	0.444	0.386	0.439	0.407	0.426	5.89
7)	T	Trichlorofluor...	0.375	0.342	0.371	0.345	0.380	0.370	0.364	4.45
8)	T	Diethyl Ether	0.311	0.279	0.276	0.256	0.282	0.258	0.277	7.21
9)	T	1,1,2-Trichlor...	0.565	0.536	0.548	0.499	0.531	0.474	0.526	6.37
10)	T	Methyl Iodide	0.731	0.718	0.715	0.659	0.736	0.661	0.703	4.89
11)	T	Tert butyl alc...	0.042	0.040	0.028	0.029	0.028	0.027	0.032	21.54
12)	CM	1,1-Dichloroet...	0.578	0.541	0.545	0.512	0.564	0.502	0.540	5.44#
13)	T	Acrolein	0.041	0.030	0.033	0.030	0.030	0.028	0.032	14.41
14)	T	Allyl chloride	0.778	0.738	0.726	0.687	0.743	0.679	0.725	5.09
15)	T	Acrylonitrile	0.131	0.110	0.115	0.107	0.116	0.104	0.114	8.38
16)	T	Acetone	0.112	0.111	0.091	0.094	0.094	0.082	0.097	12.06
17)	T	Carbon Disulfide	1.672	1.622	1.602	1.541	1.663	1.468	1.595	4.87
18)	T	Methyl Acetate	0.290	0.256	0.243	0.229	0.243	0.225	0.248	9.46
19)	T	Methyl tert-bu...	0.834	0.704	0.747	0.688	0.746	0.676	0.732	7.90
20)	T	Methylene Chlo...	0.915	1.211	0.726	0.582	0.593	0.518	0.758	34.77
21)	T	trans-1,2-Dich...	0.636	0.618	0.614	0.564	0.621	0.556	0.601	5.50
22)	T	Diisopropyl ether	1.727	1.535	1.638	1.479	1.615	1.460	1.576	6.52
23)	T	Vinyl Acetate	1.055	0.862	0.961	0.913	1.016	0.932	0.956	7.34
24)	P	1,1-Dichloroet...	1.210	1.146	1.140	1.037	1.125	1.005	1.111	6.83
25)	T	2-Butanone	0.170	0.141	0.139	0.137	0.145	0.130	0.144	9.58
26)	T	2,2-Dichloropr...	0.676	0.676	0.633	0.553	0.592	0.521	0.608	10.57
27)	T	cis-1,2-Dichlo...	0.700	0.642	0.670	0.623	0.678	0.603	0.653	5.57
28)	T	Bromochloromet...	0.496	0.438	0.459	0.424	0.421	0.399	0.440	7.76
29)	T	Tetrahydrofuran	0.104	0.084	0.088	0.084	0.091	0.082	0.089	9.00
30)	C	Chloroform	1.215	1.147	1.156	1.032	1.131	1.002	1.114	7.27#
31)	T	Cyclohexane	1.168	1.190	1.044	0.941	0.975	0.868	1.031	12.43
32)	T	1,1,1-Trichlor...	0.906	0.856	0.871	0.795	0.845	0.760	0.839	6.30
33)	S	1,2-Dichloroet...	0.681	0.605	0.608	0.613	0.589	0.543	0.607	7.35
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.336	0.325	0.317	0.332	0.308	0.293	0.318	5.00
36)	T	1,1-Dichloropr...	0.559	0.525	0.547	0.517	0.538	0.489	0.529	4.65
37)	T	Ethyl Acetate	0.234	0.185	0.196	0.187	0.197	0.188	0.198	9.20
38)	T	Carbon Tetrach...	0.470	0.453	0.469	0.450	0.482	0.452	0.463	2.77
39)	T	Methylcyclohexane	0.635	0.577	0.644	0.631	0.661	0.617	0.628	4.60
40)	TM	Benzene	1.526	1.450	1.496	1.407	1.470	1.349	1.450	4.40
41)	T	Methacrylonitrile	0.126	0.087	0.116	0.109	0.116	0.110	0.111	12.03
42)	TM	1,2-Dichloroet...	0.472	0.434	0.436	0.411	0.430	0.402	0.431	5.64
43)	T	Isopropyl Acetate	0.423	0.344	0.377	0.361	0.388	0.372	0.378	7.11
44)	TM	Trichloroethene	0.374	0.356	0.368	0.349	0.374	0.343	0.361	3.72
45)	C	1,2-Dichloropr...	0.376	0.358	0.365	0.347	0.359	0.329	0.356	4.52#
46)	T	Dibromomethane	0.202	0.179	0.190	0.181	0.190	0.179	0.187	4.92
47)	T	Bromodichlorom...	0.485	0.451	0.480	0.464	0.497	0.457	0.472	3.81
48)	T	Methyl methacr...	0.174	0.139	0.159	0.174	0.191	0.182	0.170	10.82
49)	T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.002	0.002	0.002	7.82
50)	S	Toluene-d8	1.312	1.218	1.278	1.379	1.258	1.203	1.275	5.07
51)	T	4-Methyl-2-Pen...	0.218	0.174	0.189	0.185	0.196	0.185	0.191	7.80
52)	CM	Toluene	0.933	0.850	0.922	0.887	0.949	0.872	0.902	4.28#
53)	T	t-1,3-Dichloro...	0.475	0.422	0.471	0.466	0.510	0.482	0.471	6.06
54)	T	cis-1,3-Dichlo...	0.564	0.491	0.550	0.548	0.591	0.549	0.549	5.94
55)	T	1,1,2-Trichlor...	0.279	0.255	0.258	0.245	0.260	0.248	0.258	4.67
56)	T	Ethyl methacry...	0.335	0.273	0.322	0.325	0.357	0.344	0.326	8.87

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57)	T	1,3-Dichloropr...	0.494	0.460	0.468	0.448	0.474	0.440	0.464	4.15
58)	T	2-Chloroethyl ...	0.165	0.136	0.154	0.159	0.157	0.147	0.153	6.84
59)	T	2-Hexanone	0.147	0.113	0.126	0.129	0.135	0.128	0.130	8.50
60)	T	Dibromochlorom...	0.279	0.257	0.277	0.269	0.305	0.285	0.279	5.76
61)	T	1,2-Dibromoethane	0.259	0.226	0.241	0.234	0.249	0.237	0.241	4.79
62)	S	4-Bromofluorob...	0.453	0.424	0.429	0.475	0.463	0.431	0.446	4.71
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.328	0.321	0.322	0.298	0.334	0.305	0.318	4.40
65)	PM	Chlorobenzene	1.080	1.015	1.012	0.977	1.054	0.962	1.016	4.38
66)	T	1,1,1,2-Tetrac...	0.360	0.334	0.351	0.333	0.370	0.338	0.348	4.35
67)	C	Ethyl Benzene	1.985	1.856	1.964	1.872	2.019	1.817	1.919	4.23#
68)	T	m/p-Xylenes	0.741	0.667	0.747	0.697	0.760	0.687	0.716	5.27
69)	T	o-Xylene	0.684	0.609	0.678	0.666	0.727	0.666	0.671	5.70
70)	T	Styrene	1.146	0.987	1.164	1.124	1.242	1.130	1.132	7.32
71)	P	Bromoform	0.168	0.154	0.158	0.165	0.189	0.177	0.169	7.66
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.681	3.486	3.874	3.630	3.913	3.728	3.719	4.26
74)	T	N-amyl acetate	0.839	0.691	0.769	0.739	0.853	0.835	0.788	8.28
75)	P	1,1,2,2-Tetrac...	0.754	0.679	0.676	0.623	0.679	0.647	0.676	6.54
76)	T	1,2,3-Trichlor...	0.534	0.478	0.562	0.434	0.478	0.452	0.490	9.99
77)	T	Bromobenzene	0.810	0.779	0.794	0.769	0.837	0.814	0.801	3.09
78)	T	n-propylbenzene	4.713	4.512	4.871	4.591	4.875	4.570	4.689	3.35
79)	T	2-Chlorotoluene	2.737	2.609	2.751	2.598	2.798	2.588	2.680	3.44
80)	T	1,3,5-Trimethy...	3.104	2.918	3.295	3.110	3.381	3.110	3.153	5.18
81)	T	trans-1,4-Dich...	0.202	0.170	0.188	0.201	0.228	0.223	0.202	10.68
82)	T	4-Chlorotoluene	2.878	2.733	2.894	2.761	2.876	2.665	2.801	3.39
83)	T	tert-Butylbenzene	2.585	2.456	2.737	2.655	2.875	2.664	2.662	5.30
84)	T	1,2,4-Trimethy...	3.142	2.969	3.184	3.125	3.289	3.074	3.130	3.43
85)	T	sec-Butylbenzene	4.116	4.041	4.295	4.100	4.293	3.998	4.141	3.05
86)	T	p-Isopropyltol...	3.237	3.127	3.545	3.343	3.583	3.381	3.369	5.21
87)	T	1,3-Dichlorobe...	1.715	1.718	1.735	1.611	1.743	1.640	1.694	3.23
88)	T	1,4-Dichlorobe...	1.744	1.691	1.721	1.615	1.676	1.596	1.674	3.48
89)	T	n-Butylbenzene	3.373	3.269	3.559	3.355	3.491	3.286	3.389	3.38
90)	T	Hexachloroethane	0.604	0.595	0.607	0.589	0.653	0.616	0.611	3.71
91)	T	1,2-Dichlorobe...	1.540	1.469	1.481	1.426	1.534	1.413	1.477	3.58
92)	T	1,2-Dibromo-3-...	0.116	0.108	0.104	0.101	0.113	0.107	0.108	5.16
93)	T	1,2,4-Trichlor...	0.978	0.905	0.941	0.952	0.940	0.940	0.943	2.51
94)	T	Hexachlorobuta...	0.558	0.533	0.587	0.558	0.551	0.550	0.556	3.15
95)	T	Naphthalene	1.817	1.440	1.695	1.734	1.848	1.784	1.720	8.60
96)	T	1,2,3-Trichlor...	0.844	0.791	0.816	0.820	0.825	0.794	0.815	2.47

(#) = Out of Range