Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W051921S.M
Title : SW846 8260
Last Update : Thu May 20 03:59:48 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019018.D 5 =VW019017.D 20 =VW019019.D 50 =VW019020.D 100 =VW019021.D 150 =VW019022.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.310	0.322	0.323	0.364	0.355	0.346	0.337	6.37
3)	P	Chloromethane	0.356	0.385	0.321	0.386	0.391	0.402	0.373	7.92
4)	C	Vinyl Chloride	0.533	0.550	0.509	0.590	0.565	0.545	0.549	5.00#
5)	T	Bromomethane	0.442	0.502	0.423	0.460	0.485	0.447	0.460	6.30
6)	T	Chloroethane	0.381	0.379	0.340	0.388	0.386	0.388	0.377	4.90
7)	T	Trichlorofluor...	0.285	0.311	0.262	0.325	0.309	0.319	0.302	7.90
8)	T	Diethyl Ether	0.260	0.283	0.234	0.267	0.266	0.266	0.263	6.07
9)	T	1,1,2-Trichlor...	0.504	0.528	0.443	0.506	0.478	0.471	0.488	6.22
10)	T	Methyl Iodide	0.691	0.759	0.643	0.752	0.729	0.724	0.717	6.02
11)	T	Tert butyl alc...	0.032	0.041	0.023	0.027	0.027	0.027	0.030	21.78
12)	CM	1,1-Dichloroet...	0.481	0.518	0.446	0.529	0.508	0.506	0.498	6.06#
13)	T	Acrolein	0.037	0.037	0.031	0.032	0.032	0.033	0.034	7.42
14)	T	Allyl chloride	0.623	0.686	0.575	0.685	0.660	0.659	0.648	6.56
15)	T	Acrylonitrile	0.104	0.106	0.084	0.098	0.099	0.100	0.098	7.91
16)	T	Acetone	0.084	0.098	0.069	0.077	0.076	0.076	0.080	12.66
17)	T	Carbon Disulfide	1.306	1.337	1.216	1.471	1.428	1.406	1.361	6.85
18)	T	Methyl Acetate	0.243	0.282	0.200	0.226	0.231	0.233	0.236	11.30
19)	T	Methyl tert-bu...	0.635	0.677	0.548	0.637	0.629	0.625	0.625	6.74
20)	T	Methylene Chlo...	0.814	1.177	0.622	0.610	0.554	0.539	0.719	34.03
21)	T	trans-1,2-Dich...	0.560	0.609	0.513	0.588	0.575	0.568	0.569	5.70
22)	T	Diisopropyl ether	1.306	1.384	1.184	1.346	1.340	1.348	1.318	5.34
23)	T	Vinyl Acetate	0.873	0.860	0.776	0.916	0.938	0.957	0.887	7.40
24)	P	1,1-Dichloroet...	1.026	1.097	0.916	1.055	1.014	1.016	1.021	5.88
25)	T	2-Butanone	0.136	0.147	0.112	0.130	0.132	0.133	0.132	8.51
26)	T	2,2-Dichloropr...	0.558	0.654	0.479	0.554	0.534	0.520	0.550	10.65
27)	T	cis-1,2-Dichlo...	0.622	0.666	0.569	0.652	0.636	0.642	0.631	5.37
28)	T	Bromochloromet...	0.421	0.443	0.368	0.440	0.402	0.418	0.415	6.67
29)	T	Tetrahydrofuran	0.081	0.083	0.065	0.076	0.079	0.079	0.077	8.00
30)	C	Chloroform	1.033	1.110	0.941	1.064	1.045	1.034	1.038	5.36#
31)	T	Cyclohexane	0.890	1.055	0.771	0.841	0.794	0.772	0.854	12.75
32)	T	1,1,1-Trichlor...	0.765	0.822	0.695	0.805	0.775	0.761	0.770	5.70
33)	S	1,2-Dichloroet...	0.374	0.641	0.313	0.563	0.586	0.582	0.510	26.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.195	0.326	0.174	0.320	0.327	0.329	0.278	26.35
36)	T	1,1-Dichloropr...	0.475	0.534	0.457	0.523	0.497	0.501	0.498	5.75
37)	T	Ethyl Acetate	0.201	0.206	0.170	0.190	0.191	0.197	0.193	6.57
38)	T	Carbon Tetrach...	0.410	0.447	0.397	0.472	0.449	0.458	0.439	6.61
39)	T	Methylcyclohexane	0.516	0.562	0.497	0.594	0.568	0.568	0.551	6.68
40)	TM	Benzene	1.341	1.506	1.266	1.453	1.398	1.386	1.392	6.05
41)	T	Methacrylonitrile	0.089	0.108	0.094	0.101	0.116	0.123	0.105	12.26
42)	TM	1,2-Dichloroet...	0.400	0.437	0.366	0.430	0.416	0.426	0.413	6.32
43)	T	Isopropyl Acetate	0.339	0.357	0.311	0.369	0.382	0.397	0.359	8.58
44)	TM	Trichloroethene	0.340	0.363	0.322	0.384	0.372	0.371	0.359	6.43
45)	C	1,2-Dichloropr...	0.324	0.355	0.307	0.352	0.341	0.342	0.337	5.41#
46)	T	Dibromomethane	0.179	0.191	0.163	0.189	0.187	0.188	0.183	5.70
47)	T	Bromodichlorom...	0.424	0.451	0.409	0.479	0.477	0.486	0.454	7.03
48)	T	Methyl methacr...	0.153	0.161	0.141	0.171	0.179	0.185	0.165	9.94
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.26
50)	S	Toluene-d8	0.746	1.267	0.685	1.273	1.296	1.307	1.096	26.98
51)	T	4-Methyl-2-Pen...	0.183	0.196	0.159	0.189	0.193	0.197	0.186	7.62
52)	CM	Toluene	0.823	0.912	0.810	0.940	0.904	0.906	0.882	5.96#
53)	T	t-1,3-Dichloro...	0.407	0.417	0.382	0.479	0.494	0.504	0.447	11.46
54)	T	cis-1,3-Dichlo...	0.495	0.517	0.471	0.566	0.573	0.573	0.532	8.34
55)	T	1,1,2-Trichlor...	0.247	0.262	0.226	0.259	0.261	0.261	0.253	5.55
56)	T	Ethyl methacry...	0.288	0.296	0.270	0.336	0.351	0.364	0.317	12.02

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57)	T	1,3-Dichloropr...	0.443	0.466	0.401	0.473	0.462	0.466	0.452	5.93
58)	T	2-Chloroethyl ...	0.159	0.154	0.144	0.174	0.177	0.177	0.164	8.34
59)	T	2-Hexanone	0.123	0.122	0.105	0.127	0.132	0.134	0.124	8.56
60)	T	Dibromochlorom...	0.256	0.264	0.249	0.302	0.313	0.312	0.283	10.50
61)	T	1,2-Dibromoethane	0.230	0.242	0.216	0.254	0.256	0.261	0.243	7.10
62)	S	4-Bromofluorob...	0.270	0.439	0.239	0.456	0.485	0.482	0.395	27.97
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.313	0.346	0.298	0.334	0.334	0.324	0.325	5.29
65)	PM	Chlorobenzene	0.987	1.096	0.915	1.044	1.030	1.031	1.017	6.00
66)	T	1,1,1,2-Tetrac...	0.331	0.342	0.305	0.369	0.369	0.366	0.347	7.47
67)	C	Ethyl Benzene	1.791	1.972	1.711	2.001	1.929	1.885	1.882	5.92#
68)	T	m/p-Xylenes	0.684	0.731	0.640	0.753	0.729	0.703	0.707	5.72
69)	T	o-Xylene	0.634	0.645	0.582	0.706	0.696	0.692	0.659	7.26
70)	T	Styrene	1.049	1.092	1.000	1.202	1.184	1.186	1.119	7.53
71)	P	Bromoform	0.160	0.160	0.146	0.184	0.196	0.200	0.174	12.45
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.504	3.705	3.307	3.895	3.761	3.819	3.665	6.00
74)	T	N-amyl acetate	0.711	0.723	0.650	0.786	0.816	0.849	0.756	9.79
75)	P	1,1,2,2-Tetrac...	0.664	0.713	0.583	0.663	0.649	0.662	0.656	6.41
76)	T	1,2,3-Trichlor...	0.430	0.470	0.450	0.518	0.520	0.445	0.472	8.19
77)	T	Bromobenzene	0.764	0.846	0.727	0.847	0.817	0.847	0.808	6.33
78)	T	n-propylbenzene	4.411	4.673	4.089	4.806	4.471	4.435	4.481	5.49
79)	T	2-Chlorotoluene	2.488	2.659	2.302	2.702	2.578	2.589	2.553	5.61
80)	T	1,3,5-Trimethy...	2.992	3.206	2.863	3.318	3.160	3.127	3.111	5.18
81)	T	trans-1,4-Dich...	0.169	0.181	0.165	0.201	0.218	0.228	0.194	13.39
82)	T	4-Chlorotoluene	2.653	2.857	2.439	2.848	2.750	2.713	2.710	5.69
83)	T	tert-Butylbenzene	2.456	2.656	2.435	2.792	2.700	2.693	2.622	5.49
84)	T	1,2,4-Trimethy...	2.944	3.202	2.840	3.319	3.116	3.108	3.088	5.61
85)	T	sec-Butylbenzene	3.753	4.053	3.572	4.170	3.910	3.872	3.888	5.46
86)	T	p-Isopropyltol...	3.177	3.450	3.056	3.700	3.469	3.359	3.368	6.79
87)	T	1,3-Dichlorobe...	1.630	1.767	1.439	1.753	1.691	1.621	1.650	7.25
88)	T	1,4-Dichlorobe...	1.598	1.747	1.472	1.689	1.604	1.650	1.627	5.78
89)	T	n-Butylbenzene	3.151	3.428	3.041	3.619	3.326	3.308	3.312	6.14
90)	T	Hexachloroethane	0.479	0.517	0.466	0.581	0.563	0.562	0.528	9.11
91)	T	1,2-Dichlorobe...	1.412	1.568	1.340	1.534	1.470	1.432	1.459	5.70
92)	T	1,2-Dibromo-3-...	0.102	0.108	0.091	0.107	0.109	0.111	0.105	6.84
93)	T	1,2,4-Trichlor...	0.938	1.037	0.897	1.005	0.992	0.994	0.977	5.16
94)	T	Hexachlorobuta...	0.526	0.605	0.533	0.611	0.568	0.543	0.564	6.55
95)	T	Naphthalene	1.723	1.764	1.572	1.894	1.846	1.884	1.780	6.86
96)	T	1,2,3-Trichlor...	0.812	0.889	0.772	0.887	0.855	0.861	0.846	5.38

(#) = Out of Range