Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W080321S.M
Title : SW846 8260
Last Update : Tue Aug 03 16:22:46 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019657.D 5 =VW019656.D 20 =VW019658.D 50 =VW019659.D 100 =VW019660.D 150 =VW019661.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.282	0.317	0.252	0.278	0.271	0.283	0.280	7.59
3)	P	Chloromethane	0.411	0.481	0.340	0.346	0.355	0.359	0.382	14.32
4)	C	Vinyl Chloride	0.611	0.665	0.529	0.527	0.523	0.484	0.556	12.10#
5)	T	Bromomethane	0.448	0.508	0.394	0.382	0.386	0.379	0.416	12.44
6)	T	Chloroethane	0.420	0.270	0.360	0.347	0.372	0.353	0.354	13.67
7)	T	Trichlorofluor...	0.463	0.425	0.419	0.398	0.417	0.411	0.422	5.18
8)	T	Diethyl Ether	0.256	0.271	0.246	0.246	0.263	0.286	0.261	6.00
9)	T	1,1,2-Trichlor...	0.541	0.572	0.497	0.472	0.477	0.471	0.505	8.34
10)	T	Methyl Iodide	0.690	0.700	0.609	0.619	0.623	0.663	0.651	5.98
11)	T	Tert butyl alc...	0.026	0.024	0.023	0.029	0.028	0.033	0.027	12.77
12)	CM	1,1-Dichloroet...	0.522	0.557	0.472	0.471	0.490	0.476	0.498	6.94#
13)	T	Acrolein	0.024	0.024	0.023	0.030	0.028	0.033	0.027	14.99
14)	T	Allyl chloride	0.718	0.729	0.678	0.710	0.735	0.743	0.719	3.25
15)	T	Acrylonitrile	0.105	0.113	0.102	0.113	0.115	0.127	0.113	7.66
16)	T	Acetone	0.098	0.111	0.090	0.090	0.083	0.093	0.094	9.94
17)	T	Carbon Disulfide	1.395	1.399	1.283	1.274	1.307	1.247	1.317	4.90
18)	T	Methyl Acetate	0.255	0.397	0.242	0.254	0.254	0.277	0.280	20.98
19)	T	Methyl tert-bu...	0.709	0.710	0.702	0.739	0.744	0.791	0.733	4.58
20)	T	Methylene Chlo...	0.997	1.422	0.729	0.604	0.557	0.574	0.814	41.76
21)	T	trans-1,2-Dich...	0.564	0.589	0.532	0.536	0.550	0.541	0.552	3.91
22)	T	Diisopropyl ether	1.561	1.470	1.490	1.538	1.524	1.603	1.531	3.15
23)	T	Vinyl Acetate	0.824	0.753	0.857	0.931	0.958	1.032	0.893	11.26
24)	P	1,1-Dichloroet...	1.110	1.125	1.002	1.018	1.033	1.052	1.057	4.74
25)	T	2-Butanone	0.132	0.130	0.125	0.138	0.138	0.153	0.136	7.11
26)	T	2,2-Dichloropr...	0.657	0.606	0.581	0.559	0.563	0.552	0.586	6.78
27)	T	cis-1,2-Dichlo...	0.614	0.615	0.579	0.602	0.609	0.632	0.609	2.88
28)	T	Bromochloromet...	0.451	0.411	0.418	0.407	0.399	0.412	0.416	4.31
29)	T	Tetrahydrofuran	0.076	0.086	0.080	0.090	0.091	0.100	0.087	9.90
30)	C	Chloroform	1.122	1.161	1.012	1.037	1.031	1.071	1.072	5.41#
31)	T	Cyclohexane	1.033	1.146	0.902	0.841	0.857	0.812	0.932	14.01
32)	T	1,1,1-Trichlor...	0.885	0.868	0.806	0.813	0.819	0.803	0.832	4.20
33)	S	1,2-Dichloroet...	0.640	0.686	0.596	0.626	0.621	0.648	0.636	4.77
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.333	0.348	0.313	0.333	0.325	0.332	0.330	3.54
36)	T	1,1-Dichloropr...	0.516	0.519	0.488	0.481	0.477	0.459	0.490	4.78
37)	T	Ethyl Acetate	0.170	0.176	0.184	0.196	0.199	0.215	0.190	8.93
38)	T	Carbon Tetrach...	0.477	0.476	0.449	0.453	0.437	0.431	0.454	4.22
39)	T	Methylcyclohexane	0.572	0.560	0.564	0.554	0.578	0.549	0.563	1.96
40)	TM	Benzene	1.402	1.426	1.339	1.324	1.303	1.303	1.350	3.87
41)	T	Methacrylonitrile	0.088	0.092	0.108	0.113	0.115	0.126	0.107	13.61
42)	TM	1,2-Dichloroet...	0.429	0.446	0.413	0.417	0.402	0.427	0.422	3.59
43)	T	Isopropyl Acetate	0.329	0.327	0.342	0.371	0.381	0.414	0.360	9.54
44)	TM	Trichloroethene	0.362	0.369	0.342	0.337	0.336	0.337	0.347	4.21
45)	C	1,2-Dichloropr...	0.346	0.361	0.335	0.335	0.329	0.343	0.342	3.31#
46)	T	Dibromomethane	0.178	0.186	0.180	0.177	0.177	0.187	0.181	2.48
47)	T	Bromodichlorom...	0.450	0.445	0.436	0.455	0.446	0.477	0.451	3.09
48)	T	Methyl methacr...	0.138	0.137	0.154	0.168	0.173	0.191	0.160	13.13
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.003	0.002	10.52
50)	S	Toluene-d8	1.260	1.376	1.226	1.317	1.286	1.284	1.292	3.97
51)	T	4-Methyl-2-Pen...	0.168	0.172	0.184	0.196	0.199	0.212	0.189	8.98
52)	CM	Toluene	0.876	0.832	0.853	0.853	0.839	0.847	0.850	1.80#
53)	T	t-1,3-Dichloro...	0.422	0.392	0.426	0.453	0.457	0.495	0.441	8.06
54)	T	cis-1,3-Dichlo...	0.505	0.474	0.505	0.519	0.526	0.562	0.515	5.63
55)	T	1,1,2-Trichlor...	0.256	0.262	0.245	0.249	0.244	0.260	0.253	3.03
56)	T	Ethyl methacry...	0.260	0.253	0.287	0.324	0.336	0.364	0.304	14.61

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57)	T	1,3-Dichloropr...	0.445	0.447	0.434	0.444	0.438	0.470	0.446	2.82
58)	T	2-Chloroethyl ...	0.130	0.115	0.143	0.153	0.150	0.155	0.141	11.05
59)	T	2-Hexanone	0.114	0.115	0.124	0.133	0.134	0.144	0.127	9.26
60)	T	Dibromochlorom...	0.259	0.253	0.266	0.278	0.287	0.306	0.275	7.18
61)	T	1,2-Dibromoethane	0.227	0.233	0.229	0.235	0.237	0.253	0.236	3.86
62)	S	4-Bromofluorob...	0.436	0.464	0.438	0.477	0.464	0.486	0.461	4.40
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.330	0.332	0.310	0.297	0.305	0.287	0.310	5.81
65)	PM	Chlorobenzene	1.035	1.064	0.988	0.925	0.967	0.973	0.992	5.05
66)	T	1,1,1,2-Tetrac...	0.347	0.337	0.331	0.328	0.339	0.357	0.340	3.24
67)	C	Ethyl Benzene	1.849	1.779	1.810	1.783	1.801	1.772	1.799	1.57#
68)	T	m/p-Xylenes	0.707	0.671	0.696	0.681	0.688	0.680	0.687	1.86
69)	T	o-Xylene	0.643	0.581	0.630	0.636	0.661	0.669	0.637	4.89
70)	T	Styrene	1.072	0.963	1.070	1.097	1.112	1.141	1.076	5.71
71)	P	Bromoform	0.154	0.145	0.154	0.161	0.174	0.190	0.163	10.11
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.478	3.298	3.464	3.553	3.774	3.672	3.540	4.74
74)	T	N-amyl acetate	0.659	0.628	0.715	0.765	0.832	0.868	0.745	12.74
75)	P	1,1,2,2-Tetrac...	0.622	0.643	0.632	0.652	0.668	0.684	0.650	3.52
76)	T	1,2,3-Trichlor...	0.431	0.508	0.437	0.532	0.460	0.488	0.476	8.47
77)	T	Bromobenzene	0.758	0.772	0.756	0.760	0.806	0.810	0.777	3.16
78)	T	n-propylbenzene	4.348	4.009	4.442	4.395	4.569	4.350	4.352	4.30
79)	T	2-Chlorotoluene	2.561	2.475	2.537	2.528	2.623	2.587	2.552	2.00
80)	T	1,3,5-Trimethy...	3.026	2.790	3.042	3.080	3.134	3.034	3.018	3.94
81)	T	trans-1,4-Dich...	0.154	0.158	0.173	0.190	0.211	0.224	0.185	15.34
82)	T	4-Chlorotoluene	2.745	2.529	2.676	2.606	2.691	2.677	2.654	2.84
83)	T	tert-Butylbenzene	2.543	2.348	2.592	2.645	2.742	2.688	2.593	5.36
84)	T	1,2,4-Trimethy...	2.990	2.751	3.070	3.015	3.120	3.081	3.005	4.42
85)	T	sec-Butylbenzene	3.945	3.691	3.959	3.986	4.138	3.907	3.938	3.67
86)	T	p-Isopropyltol...	3.237	2.920	3.284	3.240	3.403	3.301	3.231	5.07
87)	T	1,3-Dichlorobe...	1.702	1.633	1.597	1.618	1.640	1.632	1.637	2.15
88)	T	1,4-Dichlorobe...	1.686	1.714	1.624	1.539	1.588	1.613	1.627	3.92
89)	T	n-Butylbenzene	3.224	3.022	3.229	3.110	3.275	3.211	3.179	2.96
90)	T	Hexachloroethane	0.587	0.552	0.561	0.587	0.626	0.624	0.589	5.24
91)	T	1,2-Dichlorobe...	1.466	1.448	1.443	1.380	1.445	1.446	1.438	2.07
92)	T	1,2-Dibromo-3-...	0.097	0.095	0.098	0.107	0.114	0.123	0.106	10.60
93)	T	1,2,4-Trichlor...	0.883	0.842	0.888	0.850	0.927	0.964	0.892	5.19
94)	T	Hexachlorobuta...	0.542	0.528	0.520	0.505	0.514	0.501	0.519	2.92
95)	T	Naphthalene	1.402	1.324	1.564	1.736	1.916	2.037	1.663	17.05
96)	T	1,2,3-Trichlor...	0.783	0.721	0.791	0.780	0.803	0.854	0.789	5.40

(#) = Out of Range