Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W090721S.M
Title : SW846 8260
Last Update : Wed Sep 08 12:18:21 2021
Response Via : Initial Calibration

Calibration Files
10 =VW019980.D 5 =VW019979.D 20 =VW019981.D 50 =VW019982.D 100 =VW019983.D 150 =VW019984.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.322	0.291	0.277	0.321	0.310	0.301	0.304	5.82
3)	P	Chloromethane	0.453	0.486	0.421	0.434	0.462	0.456	0.452	5.03
4)	C	Vinyl Chloride	0.759	0.747	0.720	0.750	0.736	0.685	0.733	3.67#
5)	T	Bromomethane	0.636	0.645	0.577	0.600	0.578	0.529	0.594	7.19
6)	T	Chloroethane	0.511	0.500	0.494	0.543	0.508	0.473	0.505	4.60
7)	T	Trichlorofluor...	0.414	0.396	0.389	0.432	0.444	0.441	0.419	5.58
8)	T	Diethyl Ether	0.239	0.245	0.242	0.274	0.268	0.273	0.257	6.45
9)	T	1,1,2-Trichlor...	0.586	0.571	0.539	0.548	0.534	0.507	0.547	5.13
10)	T	Methyl Iodide	0.760	0.738	0.735	0.775	0.752	0.739	0.750	2.10
11)	T	Tert butyl alc...	0.024	0.032	0.025	0.027	0.027	0.031	0.028	11.47
12)	CM	1,1-Dichloroet...	0.516	0.488	0.496	0.543	0.537	0.516	0.516	4.19#
13)	T	Acrolein	0.022	0.025	0.023	0.019	0.020	0.019	0.021	11.30
14)	T	Allyl chloride	0.662	0.585	0.662	0.743	0.758	0.800	0.702	11.30
15)	T	Acrylonitrile	0.098	0.104	0.100	0.111	0.111	0.118	0.107	7.14
16)	T	Acetone	0.089	0.108	0.084	0.092	0.092	0.095	0.093	8.68
17)	T	Carbon Disulfide	1.604	1.599	1.510	1.608	1.572	1.527	1.570	2.68
18)	T	Methyl Acetate	0.254	0.265	0.262	0.264	0.265	0.278	0.265	2.96
19)	T	Methyl tert-bu...	0.614	0.626	0.650	0.729	0.725	0.740	0.681	8.38
20)	T	Methylene Chlo...	0.803	1.026	0.675	0.592	0.552	0.559	0.701	26.39
21)	T	trans-1,2-Dich...	0.584	0.544	0.573	0.615	0.601	0.599	0.586	4.29
22)	T	Diisopropyl ether	1.421	1.217	1.423	1.564	1.653	1.642	1.487	11.20
23)	T	Vinyl Acetate	0.700	0.639	0.746	0.876	0.946	0.960	0.811	16.61
24)	P	1,1-Dichloroet...	1.047	1.026	1.015	1.074	1.067	1.088	1.053	2.72
25)	T	2-Butanone	0.119	0.131	0.122	0.138	0.142	0.151	0.134	9.02
26)	T	2,2-Dichloropr...	0.652	0.668	0.608	0.634	0.634	0.625	0.637	3.30
27)	T	cis-1,2-Dichlo...	0.610	0.576	0.601	0.656	0.652	0.660	0.626	5.62
28)	T	Bromochloromet...	0.399	0.440	0.384	0.441	0.425	0.418	0.418	5.47
29)	T	Tetrahydrofuran	0.069	0.077	0.076	0.087	0.093	0.096	0.083	12.62
30)	C	Chloroform	1.132	1.115	1.065	1.118	1.107	1.118	1.109	2.08#
31)	T	Cyclohexane	0.964	0.993	0.906	0.930	0.952	0.932	0.946	3.20
32)	T	1,1,1-Trichlor...	0.902	0.872	0.876	0.910	0.912	0.914	0.898	2.11
33)	S	1,2-Dichloroet...	0.608	0.647	0.565	0.541	0.561	0.560	0.580	6.81
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.347	0.349	0.332	0.321	0.310	0.310	0.328	5.34
36)	T	1,1-Dichloropr...	0.528	0.451	0.519	0.556	0.559	0.543	0.526	7.56
37)	T	Ethyl Acetate	0.173	0.177	0.190	0.201	0.207	0.212	0.193	8.28
38)	T	Carbon Tetrach...	0.537	0.506	0.525	0.554	0.561	0.535	0.536	3.71
39)	T	Methylcyclohexane	0.574	0.466	0.578	0.677	0.698	0.665	0.610	14.38
40)	TM	Benzene	1.474	1.311	1.428	1.520	1.502	1.458	1.449	5.18
41)	T	Methacrylonitrile	0.096	0.091	0.099	0.107	0.119	0.129	0.107	13.72
42)	TM	1,2-Dichloroet...	0.435	0.423	0.422	0.460	0.467	0.463	0.445	4.68
43)	T	Isopropyl Acetate	0.332	0.321	0.333	0.390	0.407	0.419	0.367	11.80
44)	TM	Trichloroethene	0.385	0.350	0.373	0.398	0.392	0.383	0.380	4.42
45)	C	1,2-Dichloropr...	0.356	0.326	0.343	0.372	0.361	0.357	0.352	4.53#
46)	T	Dibromomethane	0.198	0.189	0.195	0.207	0.202	0.202	0.199	3.18
47)	T	Bromodichlorom...	0.486	0.454	0.473	0.515	0.523	0.520	0.495	5.80
48)	T	Methyl methacr...	0.134	0.129	0.143	0.172	0.181	0.205	0.161	18.76
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.003	0.003	18.23
50)	S	Toluene-d8	1.285	1.169	1.260	1.203	1.233	1.175	1.221	3.82
51)	T	4-Methyl-2-Pen...	0.168	0.165	0.179	0.204	0.213	0.213	0.190	11.69
52)	CM	Toluene	0.900	0.773	0.893	0.977	0.994	0.966	0.917	8.94#
53)	T	t-1,3-Dichloro...	0.440	0.389	0.437	0.506	0.541	0.537	0.475	13.01
54)	T	cis-1,3-Dichlo...	0.525	0.460	0.525	0.592	0.612	0.604	0.553	10.74
55)	T	1,1,2-Trichlor...	0.276	0.263	0.256	0.270	0.278	0.273	0.269	3.02
56)	T	Ethyl methacry...	0.254	0.209	0.270	0.339	0.366	0.371	0.301	22.15

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57)	T	1,3-Dichloropr...	0.445	0.423	0.447	0.483	0.495	0.480	0.462	6.04
58)	T	2-Chloroethyl ...	0.126	0.112	0.148	0.142	0.152	0.146	0.138	11.09
59)	T	2-Hexanone	0.109	0.105	0.119	0.141	0.145	0.144	0.127	14.55
60)	T	Dibromochlorom...	0.298	0.282	0.290	0.326	0.339	0.336	0.312	7.90
61)	T	1,2-Dibromoethane	0.244	0.240	0.242	0.259	0.266	0.262	0.252	4.52
62)	S	4-Bromofluorob...	0.441	0.440	0.436	0.467	0.474	0.451	0.452	3.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.360	0.324	0.340	0.354	0.360	0.344	0.347	4.04
65)	PM	Chlorobenzene	1.083	1.010	1.036	1.113	1.106	1.101	1.075	3.93
66)	T	1,1,1,2-Tetrac...	0.378	0.351	0.369	0.405	0.399	0.396	0.383	5.42
67)	C	Ethyl Benzene	1.764	1.532	1.857	2.070	2.110	2.042	1.896	11.76#
68)	T	m/p-Xylenes	0.727	0.580	0.735	0.832	0.816	0.799	0.748	12.39
69)	T	o-Xylene	0.622	0.509	0.670	0.775	0.779	0.758	0.686	15.61
70)	T	Styrene	1.050	0.829	1.135	1.330	1.324	1.302	1.162	17.16
71)	P	Bromoform	0.174	0.168	0.172	0.205	0.206	0.207	0.189	10.02
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.164	2.531	3.444	3.935	4.138	4.015	3.538	17.46
74)	T	N-amyl acetate	0.609	0.525	0.667	0.811	0.858	0.887	0.726	20.27
75)	P	1,1,2,2-Tetrac...	0.620	0.625	0.636	0.664	0.687	0.666	0.650	4.11
76)	T	1,2,3-Trichlor...	0.428	0.495	0.437	0.470	0.480	0.476	0.464	5.61
77)	T	Bromobenzene	0.787	0.682	0.830	0.875	0.890	0.860	0.821	9.42
78)	T	n-propylbenzene	4.102	3.237	4.477	4.926	5.107	4.882	4.455	15.67
79)	T	2-Chlorotoluene	2.472	1.988	2.578	2.777	2.912	2.831	2.593	13.05
80)	T	1,3,5-Trimethy...	2.937	2.256	3.102	3.424	3.604	3.387	3.118	15.57
81)	T	trans-1,4-Dich...	0.165	0.143	0.189	0.205	0.223	0.225	0.192	17.08
82)	T	4-Chlorotoluene	2.672	2.135	2.722	2.973	2.978	2.877	2.726	11.60
83)	T	tert-Butylbenzene	2.373	1.852	2.615	2.853	3.031	2.950	2.612	16.97
84)	T	1,2,4-Trimethy...	2.810	2.188	3.085	3.434	3.452	3.356	3.054	16.07
85)	T	sec-Butylbenzene	3.694	2.948	3.906	4.376	4.599	4.272	3.966	15.03
86)	T	p-Isopropyltol...	3.057	2.407	3.290	3.775	3.835	3.673	3.339	16.39
87)	T	1,3-Dichlorobe...	1.747	1.496	1.784	1.801	1.875	1.738	1.740	7.42
88)	T	1,4-Dichlorobe...	1.736	1.633	1.728	1.766	1.812	1.686	1.727	3.60
89)	T	n-Butylbenzene	2.946	2.352	3.138	3.550	3.716	3.492	3.199	15.70
90)	T	Hexachloroethane	0.625	0.546	0.617	0.679	0.688	0.674	0.638	8.46
91)	T	1,2-Dichlorobe...	1.464	1.367	1.482	1.610	1.604	1.541	1.511	6.16
92)	T	1,2-Dibromo-3-...	0.093	0.100	0.100	0.116	0.118	0.114	0.107	9.76
93)	T	1,2,4-Trichlor...	0.914	0.770	0.940	0.957	0.996	0.953	0.922	8.56
94)	T	Hexachlorobuta...	0.551	0.472	0.542	0.594	0.586	0.538	0.547	7.94
95)	T	Naphthalene	1.376	1.121	1.525	1.843	1.856	1.844	1.594	19.21
96)	T	1,2,3-Trichlor...	0.764	0.683	0.810	0.863	0.871	0.855	0.808	9.05

(#) = Out of Range