Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061822W.M
Title : SW846 8260
Last Update : Mon Jun 20 01:31:01 2022
Response Via : Initial Calibration

Calibration Files
1 =VX029555.D 5 =VX029556.D 20 =VX029558.D 50 =VX029559.D 100 =VX029561.D 10 =VX029557.D

		Compound	1	5	20	50	100	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.526	0.554	0.644	0.648	0.629	0.632	0.606	8.61
3)	P	Chloromethane	0.743	0.654	0.640	0.631	0.602	0.643	0.652	7.33
4)	C	Vinyl Chloride	0.565	0.600	0.621	0.614	0.606	0.598	0.601	3.27#
5)	T	Bromomethane		0.340	0.311	0.282	0.263	0.335	0.306	10.95
6)	T	Chloroethane	0.380	0.307	0.384	0.365	0.242	0.396	0.346	17.29
7)	T	Trichlorofluor...	0.803	0.854	0.850	0.859	0.831	0.824	0.837	2.57
8)	T	Diethyl Ether	0.295	0.334	0.343	0.337	0.332	0.338	0.330	5.31
9)	T	1,1,2-Trichlor...	0.515	0.549	0.520	0.527	0.518	0.519	0.525	2.36
10)	T	Methyl Iodide		0.413	0.505	0.589	0.621	0.447	0.515	17.32
11)	T	Tert butyl alc...		0.223	0.154	0.138	0.143	0.165	0.165	20.93
12)	CM	1,1-Dichloroet...	0.474	0.510	0.519	0.514	0.517	0.506	0.507	3.32#
13)	T	Acrolein		0.044	0.035	0.034	0.035	0.034	0.036	11.72
14)	T	Allyl chloride	0.784	0.819	0.822	0.837	0.838	0.807	0.818	2.48
15)	T	Acrylonitrile	0.275	0.324	0.318	0.318	0.318	0.305	0.310	5.84
16)	T	Acetone	0.301	0.273	0.255	0.250	0.247	0.258	0.264	7.65
17)	T	Carbon Disulfide	1.366	1.244	1.301	1.336	1.378	1.255	1.313	4.29
18)	T	Methyl Acetate	0.678	0.734	0.700	0.694	0.697	0.682	0.698	2.86
19)	T	Methyl tert-bu...	1.625	1.802	1.807	1.790	1.803	1.724	1.759	4.10
20)	T	Methylene Chlo...	0.629	0.599	0.568	0.577	0.577	0.577	0.588	3.90
21)	T	trans-1,2-Dich...	0.528	0.572	0.553	0.567	0.569	0.532	0.554	3.52
22)	T	Diisopropyl ether	1.519	1.679	1.673	1.648	1.571	1.618	1.618	3.87
23)	T	Vinyl Acetate	1.179	1.371	1.418	1.426	1.363	1.346	1.351	6.65
24)	P	1,1-Dichloroet...	0.963	0.971	0.980	0.983	0.984	0.957	0.973	1.15
25)	T	2-Butanone	0.393	0.426	0.428	0.422	0.416	0.416	0.417	3.05
26)	T	2,2-Dichloropr...	0.695	0.783	0.760	0.791	0.782	0.733	0.757	4.88
27)	T	cis-1,2-Dichlo...	0.627	0.648	0.656	0.658	0.662	0.630	0.647	2.31
28)	T	Bromochloromet...	0.374	0.397	0.383	0.370	0.366	0.341	0.372	5.05
29)	T	Tetrahydrofuran	0.258	0.288	0.285	0.285	0.275	0.277	0.278	4.03
30)	C	Chloroform	0.986	1.072	1.039	1.050	1.022	1.009	1.030	2.99#
31)	T	Cyclohexane		0.898	0.904	0.903	0.876	0.862	0.889	2.11
32)	T	1,1,1-Trichlor...	0.899	0.916	0.907	0.932	0.912	0.884	0.908	1.79
33)	S	1,2-Dichloroet...		0.724	0.658	0.663	0.617	0.648	0.662	5.86
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.349	0.325	0.333	0.314	0.308	0.326	4.94
36)	T	1,1-Dichloropr...	0.439	0.447	0.445	0.452	0.434	0.429	0.441	1.93
37)	T	Ethyl Acetate	0.444	0.434	0.471	0.480	0.457	0.427	0.452	4.66
38)	T	Carbon Tetrach...	0.424	0.430	0.442	0.456	0.448	0.402	0.434	4.45
39)	T	Methylcyclohexane	0.554	0.546	0.556	0.576	0.550	0.518	0.550	3.42
40)	TM	Benzene	1.281	1.343	1.319	1.342	1.299	1.259	1.307	2.57
41)	T	Methacrylonitrile	0.202	0.242	0.251	0.257	0.242	0.235	0.238	8.11
42)	TM	1,2-Dichloroet...	0.443	0.481	0.454	0.452	0.432	0.433	0.449	4.03
43)	T	Isopropyl Acetate	0.652	0.687	0.730	0.743	0.721	0.685	0.703	4.86
44)	TM	Trichloroethene	0.708	0.471	0.380	0.375	0.365	0.391	0.448	29.65
45)	C	1,2-Dichloropr...	0.315	0.325	0.326	0.325	0.322	0.311	0.321	1.88#
46)	T	Dibromomethane	0.219	0.231	0.235	0.240	0.235	0.223	0.230	3.45
47)	T	Bromodichlorom...	0.434	0.445	0.450	0.466	0.450	0.419	0.444	3.65
48)	T	Methyl methacr...	0.315	0.359	0.352	0.364	0.348	0.330	0.345	5.40
49)	T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.009	0.009	0.009	2.82
50)	S	Toluene-d8		1.238	1.196	1.250	1.153	1.115	1.190	4.79
51)	T	4-Methyl-2-Pen...	0.422	0.467	0.476	0.472	0.428	0.453	0.453	5.07
52)	CM	Toluene	0.799	0.861	0.855	0.880	0.829	0.798	0.837	4.07#
53)	T	t-1,3-Dichloro...	0.379	0.427	0.466	0.501	0.500	0.420	0.449	10.84
54)	T	cis-1,3-Dichlo...	0.434	0.503	0.512	0.550	0.540	0.475	0.502	8.57
55)	T	1,1,2-Trichlor...	0.342	0.336	0.340	0.353	0.337	0.323	0.338	2.87
56)	T	Ethyl methacry...	0.462	0.507	0.534	0.555	0.540	0.470	0.511	7.55

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57)	T	1,3-Dichloropr...	0.553	0.581	0.574	0.578	0.554	0.542	0.564	2.80
58)	T	2-Chloroethyl ...	0.219	0.244	0.245	0.256	0.245	0.232	0.240	5.29
59)	T	2-Hexanone	0.308	0.354	0.367	0.363	0.323	0.345	0.343	6.79
60)	T	Dibromochlorom...	0.305	0.317	0.338	0.355	0.353	0.303	0.329	7.16
61)	T	1,2-Dibromoethane	0.313	0.354	0.363	0.373	0.363	0.340	0.351	6.22
62)	S	4-Bromofluorob...		0.455	0.461	0.479	0.436	0.413	0.449	5.57
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.373	0.370	0.365	0.366	0.352	0.344	0.362	3.08
65)	PM	Chlorobenzene	0.936	0.991	1.012	1.012	0.986	0.947	0.981	3.32
66)	T	1,1,1,2-Tetrac...	0.324	0.354	0.363	0.372	0.370	0.331	0.352	5.85
67)	C	Ethyl Benzene	1.648	1.818	1.838	1.829	1.761	1.695	1.765	4.46#
68)	T	m/p-Xylenes	0.655	0.714	0.712	0.709	0.685	0.655	0.688	4.06
69)	T	o-Xylene	0.636	0.719	0.704	0.699	0.675	0.646	0.680	4.93
70)	T	Styrene	0.987	1.128	1.171	1.187	1.144	1.064	1.113	6.75
71)	P	Bromoform	0.235	0.234	0.254	0.275	0.271	0.230	0.250	7.92
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.588	3.913	3.785	3.781	3.744	3.684	3.749	2.91
74)	T	N-amyl acetate	1.144	1.305	1.345	1.373	1.358	1.288	1.302	6.43
75)	P	1,1,2,2-Tetrac...	1.255	1.230	1.224	1.203	1.158	1.203	1.212	2.71
76)	T	1,2,3-Trichlor...	0.992	1.133	1.117	1.117	1.053	1.124	1.089	5.10
77)	T	Bromobenzene	0.855	0.874	0.843	0.863	0.875	0.824	0.856	2.29
78)	T	n-propylbenzene	4.016	4.308	4.289	4.331	4.270	4.120	4.222	2.97
79)	T	2-Chlorotoluene	2.569	2.787	2.611	2.616	2.570	2.533	2.614	3.43
80)	T	1,3,5-Trimethy...	2.910	3.309	3.212	3.218	3.179	3.114	3.157	4.32
81)	T	trans-1,4-Dich...		0.278	0.327	0.362	0.384	0.286	0.327	14.14
82)	T	4-Chlorotoluene	2.867	3.172	3.018	2.973	2.933	2.924	2.981	3.56
83)	T	tert-Butylbenzene	2.989	3.199	3.067	3.118	3.081	3.016	3.078	2.44
84)	T	1,2,4-Trimethy...	2.946	3.303	3.225	3.195	3.148	3.076	3.149	3.97
85)	T	sec-Butylbenzene	3.567	3.929	3.892	3.933	3.848	3.721	3.815	3.79
86)	T	p-Isopropyltol...	2.921	3.293	3.253	3.303	3.263	3.134	3.194	4.60
87)	T	1,3-Dichlorobe...	1.647	1.644	1.644	1.662	1.636	1.546	1.630	2.57
88)	T	1,4-Dichlorobe...	1.591	1.686	1.619	1.665	1.636	1.566	1.627	2.76
89)	T	n-Butylbenzene	2.536	2.682	2.728	2.810	2.821	2.600	2.696	4.22
90)	T	Hexachloroethane	0.402	0.432	0.459	0.502	0.522	0.429	0.457	10.11
91)	T	1,2-Dichlorobe...	1.541	1.655	1.629	1.631	1.579	1.579	1.602	2.66
92)	T	1,2-Dibromo-3-...	0.256	0.254	0.271	0.271	0.290	0.269	0.269	4.77
93)	T	1,2,4-Trichlor...	0.954	0.947	0.960	1.026	1.055	0.920	0.977	5.31
94)	T	Hexachlorobuta...	0.399	0.404	0.387	0.419	0.408	0.383	0.400	3.38
95)	T	Naphthalene	2.978	3.378	3.636	3.716	3.844	3.491	3.507	8.75
96)	T	1,2,3-Trichlor...	0.928	0.941	0.986	1.010	1.061	0.945	0.978	5.18

(#) = Out of Range