Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : 82X012521W.M
Title : SW846 8260
Last Update : Mon Jan 25 13:38:15 2021
Response Via : Initial Calibration

Calibration Files
1 =VX020722.D 5 =VX020716.D 20 =VX020717.D 50 =VX020718.D 100 =VX020719.D 150 =VX020720.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.542	0.564	0.714	0.794	0.808	0.800	0.704	17.34
3)	P	Chloromethane	0.653	0.654	0.670	0.732	0.758	0.752	0.703	7.05
4)	C	Vinyl Chloride	0.618	0.669	0.660	0.739	0.769	0.751	0.701	8.60#
5)	T	Bromomethane		0.345	0.374	0.316	0.323	0.327	0.337	6.96
6)	T	Chloroethane	0.357	0.403	0.381	0.421	0.432	0.387	0.397	6.89
7)	T	Trichlorofluor...	0.878	0.978	0.891	0.978	0.999	0.984	0.951	5.51
8)	T	Diethyl Ether	0.297	0.357	0.307	0.352	0.371	0.362	0.341	9.08
9)	T	1,1,2-Trichlor...	0.476	0.493	0.444	0.494	0.510	0.497	0.486	4.76
10)	T	Methyl Iodide		0.588	0.562	0.720	0.784	0.751	0.681	14.63
11)	T	Tert butyl alc...		0.130	0.110	0.130	0.132	0.135	0.127	7.66
12)	CM	1,1-Dichloroet...	0.463	0.488	0.444	0.486	0.507	0.494	0.480	4.79#
13)	T	Acrolein		0.076	0.087	0.099	0.108	0.109	0.096	14.98
14)	T	Allyl chloride	0.829	0.907	0.818	0.916	0.955	0.940	0.894	6.40
15)	T	Acrylonitrile	0.296	0.320	0.295	0.335	0.347	0.341	0.322	6.99
16)	T	Acetone	0.286	0.251	0.226	0.259	0.267	0.263	0.259	7.60
17)	T	Carbon Disulfide	2.138	1.502	1.366	1.517	1.575	1.566	1.611	16.70
18)	T	Methyl Acetate	0.557	0.647	0.615	0.700	0.731	0.714	0.661	10.10
19)	T	Methyl tert-bu...	1.496	1.776	1.672	1.908	1.989	1.937	1.796	10.43
20)	T	Methylene Chlo...	0.699	0.683	0.593	0.641	0.659	0.640	0.653	5.73
21)	T	trans-1,2-Dich...	0.663	0.601	0.534	0.603	0.608	0.592	0.600	6.87
22)	T	Diisopropyl ether	1.485	1.798	1.681	1.872	1.886	1.823	1.758	8.64
23)	T	Vinyl Acetate	1.140	1.426	1.358	1.565	1.622	1.565	1.446	12.41
24)	P	1,1-Dichloroet...	0.951	1.127	0.994	1.099	1.121	1.083	1.062	6.83
25)	T	2-Butanone	0.364	0.399	0.373	0.418	0.439	0.437	0.405	7.92
26)	T	2,2-Dichloropr...	0.773	0.864	0.786	0.870	0.909	0.913	0.853	7.06
27)	T	cis-1,2-Dichlo...	0.596	0.674	0.613	0.680	0.697	0.687	0.658	6.44
28)	T	Bromochloromet...	0.526	0.515	0.404	0.424	0.437	0.426	0.455	11.34
29)	T	Tetrahydrofuran	0.221	0.251	0.244	0.277	0.288	0.283	0.261	10.03
30)	C	Chloroform	0.957	1.185	1.032	1.129	1.139	1.111	1.092	7.62#
31)	T	Cyclohexane		0.878	0.823	0.944	0.971	0.970	0.917	7.03
32)	T	1,1,1-Trichlor...	0.844	1.007	0.888	0.999	1.019	1.011	0.961	7.82
33)	S	1,2-Dichloroet...		0.761	0.610	0.665	0.679	0.696	0.682	8.04
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.369	0.314	0.337	0.344	0.349	0.342	5.79
36)	T	1,1-Dichloropr...	0.509	0.520	0.455	0.502	0.514	0.510	0.502	4.68
37)	T	Ethyl Acetate	0.453	0.444	0.436	0.496	0.516	0.510	0.476	7.49
38)	T	Carbon Tetrach...	0.471	0.553	0.496	0.542	0.558	0.546	0.528	6.74
39)	T	Methylcyclohexane	0.515	0.567	0.513	0.593	0.613	0.630	0.572	8.66
40)	TM	Benzene	1.345	1.573	1.392	1.514	1.534	1.510	1.478	6.01
41)	T	Methacrylonitrile	0.229	0.265	0.248	0.276	0.289	0.290	0.266	8.94
42)	TM	1,2-Dichloroet...	0.469	0.563	0.503	0.540	0.550	0.537	0.527	6.61
43)	T	Isopropyl Acetate	0.641	0.748	0.684	0.784	0.844	0.848	0.758	11.10
44)	TM	Trichloroethene	0.388	0.414	0.357	0.398	0.403	0.399	0.393	5.05
45)	C	1,2-Dichloropr...	0.332	0.417	0.368	0.395	0.405	0.394	0.385	8.00#
46)	T	Dibromomethane	0.229	0.275	0.243	0.265	0.273	0.266	0.259	7.02
47)	T	Bromodichlorom...	0.493	0.577	0.509	0.558	0.574	0.566	0.546	6.56
48)	T	Methyl methacr...	0.290	0.373	0.355	0.405	0.440	0.437	0.383	14.81
49)	T	1,4-Dioxane	0.007	0.009	0.009	0.010	0.010	0.010	0.009	9.63
50)	S	Toluene-d8		1.366	1.136	1.222	1.254	1.300	1.256	6.85
51)	T	4-Methyl-2-Pen...	0.367	0.473	0.457	0.518	0.535	0.522	0.479	13.12
52)	CM	Toluene	0.821	0.975	0.870	0.949	0.977	0.983	0.929	7.25#
53)	T	t-1,3-Dichloro...	0.485	0.557	0.515	0.591	0.646	0.655	0.575	11.93
54)	T	cis-1,3-Dichlo...	0.526	0.618	0.571	0.645	0.681	0.678	0.620	9.96
55)	T	1,1,2-Trichlor...	0.343	0.401	0.366	0.392	0.410	0.404	0.386	6.78
56)	T	Ethyl methacry...	0.392	0.492	0.484	0.578	0.640	0.645	0.539	18.52

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57)	T	1,3-Dichloropr...	0.536	0.688	0.607	0.665	0.700	0.687	0.647	9.87
58)	T	2-Chloroethyl ...	0.208	0.267	0.257	0.283	0.296	0.292	0.267	12.17
59)	T	2-Hexanone	0.276	0.341	0.341	0.393	0.396	0.391	0.356	13.17
60)	T	Dibromochlorom...	0.359	0.433	0.399	0.436	0.463	0.470	0.427	9.79
61)	T	1,2-Dibromoethane	0.353	0.400	0.371	0.409	0.432	0.429	0.399	7.93
62)	S	4-Bromofluorob...		0.503	0.433	0.485	0.493	0.524	0.488	6.88
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.364	0.434	0.379	0.398	0.372	0.353	0.383	7.58
65)	PM	Chlorobenzene	1.028	1.130	1.006	1.090	1.132	1.105	1.082	4.91
66)	T	1,1,1,2-Tetrac...	0.338	0.427	0.369	0.417	0.431	0.427	0.402	9.68
67)	C	Ethyl Benzene	1.621	1.869	1.745	1.986	2.014	2.020	1.876	8.74#
68)	T	m/p-Xylenes	0.589	0.704	0.664	0.742	0.751	0.746	0.699	9.04
69)	T	o-Xylene	0.516	0.646	0.622	0.706	0.736	0.721	0.658	12.54
70)	T	Styrene	0.870	1.086	1.077	1.249	1.264	1.231	1.130	13.40
71)	P	Bromoform	0.279	0.315	0.299	0.341	0.353	0.346	0.322	9.16
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.966	3.499	3.425	3.816	4.046	3.932	3.614	11.05
74)	T	N-amyl acetate	1.030	1.201	1.236	1.469	1.587	1.557	1.347	16.64
75)	P	1,1,2,2-Tetrac...	1.124	1.258	1.178	1.233	1.280	1.233	1.218	4.69
76)	T	1,2,3-Trichlor...	1.057	1.211	1.121	1.208	1.216	1.145	1.160	5.51
77)	T	Bromobenzene	0.901	0.900	0.857	0.915	0.978	0.938	0.915	4.45
78)	T	n-propylbenzene	3.636	3.938	3.911	4.415	4.634	4.499	4.172	9.52
79)	T	2-Chlorotoluene	2.215	2.567	2.415	2.661	2.742	2.690	2.548	7.83
80)	T	1,3,5-Trimethy...	2.476	2.902	2.956	3.328	3.469	3.404	3.089	12.36
81)	T	trans-1,4-Dich...		0.357	0.362	0.419	0.466	0.464	0.414	12.79
82)	T	4-Chlorotoluene	2.757	2.913	2.816	3.138	3.288	3.186	3.016	7.20
83)	T	tert-Butylbenzene	2.548	2.808	2.758	3.188	3.330	3.264	2.982	10.73
84)	T	1,2,4-Trimethy...	2.455	2.940	3.001	3.371	3.519	3.407	3.116	12.79
85)	T	sec-Butylbenzene	2.692	3.268	3.259	3.720	3.898	3.848	3.448	13.46
86)	T	p-Isopropyltol...	2.493	3.028	3.052	3.448	3.638	3.539	3.200	13.40
87)	T	1,3-Dichlorobe...	1.590	1.657	1.567	1.708	1.767	1.711	1.667	4.61
88)	T	1,4-Dichlorobe...	1.958	1.705	1.549	1.689	1.767	1.717	1.731	7.70
89)	T	n-Butylbenzene	2.461	2.579	2.576	3.090	3.246	3.243	2.866	12.74
90)	T	Hexachloroethane	0.497	0.553	0.515	0.602	0.638	0.652	0.576	11.17
91)	T	1,2-Dichlorobe...	1.536	1.601	1.510	1.621	1.685	1.684	1.606	4.55
92)	T	1,2-Dibromo-3-...	0.258	0.249	0.241	0.265	0.302	0.305	0.270	10.13
93)	T	1,2,4-Trichlor...	0.934	0.901	0.898	1.071	1.203	1.243	1.042	14.85
94)	T	Hexachlorobuta...	0.512	0.492	0.415	0.483	0.527	0.517	0.491	8.26
95)	T	Naphthalene	2.194	2.490	2.905	3.632	4.057	3.977	3.209	24.65
96)	T	1,2,3-Trichlor...	0.895	0.899	0.911	1.045	1.146	1.190	1.014	13.04

(#) = Out of Range