Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X062321W.M
Title : SW846 8260
Last Update : Wed Jun 23 19:12:26 2021
Response Via : Initial Calibration

Calibration Files
1 =VX022843.D 5 =VX022837.D 20 =VX022838.D 50 =VX022839.D 100 =VX022840.D 150 =VX022841.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.563	0.689	0.704	0.743	0.774	0.760	0.705	10.90
3)	P	Chloromethane	0.804	0.773	0.721	0.750	0.804	0.796	0.775	4.32
4)	C	Vinyl Chloride	0.618	0.693	0.691	0.728	0.789	0.771	0.715	8.70#
5)	T	Bromomethane		0.456	0.409	0.367	0.382	0.355	0.394	10.26
6)	T	Chloroethane	0.453	0.445	0.415	0.448	0.461	0.429	0.442	3.79
7)	T	Trichlorofluor...	0.988	1.034	0.974	1.046	1.104	1.084	1.038	4.96
8)	T	Diethyl Ether	0.388	0.403	0.386	0.396	0.425	0.409	0.401	3.63
9)	T	1,1,2-Trichlor...	0.594	0.670	0.605	0.656	0.700	0.675	0.650	6.40
10)	T	Methyl Iodide		0.607	0.606	0.733	0.843	0.819	0.722	15.63
11)	T	Tert butyl alc...		0.204	0.172	0.183	0.194	0.192	0.189	6.39
12)	CM	1,1-Dichloroet...	0.613	0.655	0.600	0.647	0.698	0.680	0.649	5.79#
13)	T	Acrolein		0.130	0.107	0.112	0.122	0.118	0.118	7.45
14)	T	Allyl chloride	1.164	1.161	1.100	1.230	1.367	1.372	1.232	9.24
15)	T	Acrylonitrile	0.367	0.431	0.412	0.445	0.482	0.458	0.432	9.24
16)	T	Acetone	0.456	0.417	0.370	0.379	0.400	0.391	0.402	7.68
17)	T	Carbon Disulfide	1.838	1.337	1.344	1.575	1.834	1.881	1.635	15.44
18)	T	Methyl Acetate	0.943	1.006	0.922	0.964	1.066	1.040	0.990	5.71
19)	T	Methyl tert-bu...	2.086	2.290	2.155	2.368	2.562	2.496	2.326	8.03
20)	T	Methylene Chlo...	1.129	0.836	0.729	0.775	0.823	0.796	0.848	16.85
21)	T	trans-1,2-Dich...	0.760	0.724	0.643	0.705	0.763	0.723	0.720	6.09
22)	T	Diisopropyl ether	2.347	2.482	2.397	2.646	2.787	2.722	2.563	7.05
23)	T	Vinyl Acetate	1.657	2.018	2.046	2.293	2.477	2.412	2.150	14.20
24)	P	1,1-Dichloroet...	1.148	1.464	1.267	1.386	1.507	1.444	1.369	9.97
25)	T	2-Butanone	0.556	0.623	0.592	0.634	0.690	0.658	0.626	7.58
26)	T	2,2-Dichloropr...	0.855	0.970	0.976	1.079	1.191	1.164	1.039	12.40
27)	T	cis-1,2-Dichlo...	0.739	0.776	0.760	0.812	0.870	0.834	0.799	6.15
28)	T	Bromochloromet...	0.603	0.683	0.578	0.638	0.689	0.680	0.645	7.23
29)	T	Tetrahydrofuran	0.355	0.405	0.373	0.418	0.442	0.422	0.402	8.16
30)	C	Chloroform	1.301	1.424	1.272	1.380	1.447	1.442	1.378	5.44#
31)	T	Cyclohexane		1.256	1.177	1.281	1.370	1.322	1.281	5.65
32)	T	1,1,1-Trichlor...	0.905	1.067	1.050	1.142	1.247	1.229	1.107	11.51
33)	S	1,2-Dichloroet...		0.967	0.808	0.847	0.938	0.976	0.907	8.29
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.321	0.274	0.310	0.336	0.346	0.318	8.80
36)	T	1,1-Dichloropr...	0.538	0.537	0.481	0.522	0.557	0.553	0.531	5.21
37)	T	Ethyl Acetate	0.584	0.605	0.558	0.618	0.668	0.659	0.615	6.93
38)	T	Carbon Tetrach...	0.359	0.414	0.400	0.474	0.512	0.513	0.445	14.33
39)	T	Methylcyclohexane	0.542	0.638	0.567	0.634	0.675	0.660	0.620	8.55
40)	TM	Benzene	1.451	1.541	1.432	1.552	1.634	1.578	1.531	5.02
41)	T	Methacrylonitrile	0.320	0.345	0.309	0.333	0.364	0.362	0.339	6.60
42)	TM	1,2-Dichloroet...	0.478	0.563	0.517	0.586	0.620	0.615	0.563	9.99
43)	T	Isopropyl Acetate	0.876	0.940	0.904	1.014	1.103	1.096	0.989	9.84
44)	TM	Trichloroethene	0.368	0.356	0.332	0.365	0.387	0.371	0.363	5.07
45)	C	1,2-Dichloropr...	0.344	0.391	0.369	0.405	0.435	0.427	0.395	8.78#
46)	T	Dibromomethane	0.244	0.265	0.234	0.261	0.288	0.280	0.262	7.86
47)	T	Bromodichlorom...	0.351	0.429	0.413	0.493	0.554	0.558	0.466	17.74
48)	T	Methyl methacr...	0.376	0.431	0.408	0.480	0.522	0.530	0.458	13.74
49)	T	1,4-Dioxane	0.009	0.010	0.009	0.010	0.010	0.010	0.010	7.87
50)	S	Toluene-d8		1.286	1.083	1.214	1.295	1.344	1.244	8.16
51)	T	4-Methyl-2-Pen...	0.499	0.611	0.582	0.655	0.680	0.666	0.616	11.06
52)	CM	Toluene	0.856	0.917	0.852	0.959	0.991	0.979	0.926	6.58#
53)	T	t-1,3-Dichloro...	0.388	0.421	0.453	0.581	0.657	0.670	0.528	23.34
54)	T	cis-1,3-Dichlo...	0.464	0.537	0.527	0.643	0.690	0.701	0.594	16.49
55)	T	1,1,2-Trichlor...	0.343	0.367	0.339	0.384	0.400	0.395	0.371	7.06
56)	T	Ethyl methacry...	0.483	0.539	0.546	0.660	0.699	0.717	0.607	15.98

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57)	T	1,3-Dichloropr...	0.623	0.667	0.633	0.696	0.722	0.710	0.675	6.08
58)	T	2-Chloroethyl ...	0.223	0.300	0.295	0.339	0.354	0.342	0.309	15.60
59)	T	2-Hexanone	0.374	0.446	0.442	0.498	0.523	0.519	0.467	12.35
60)	T	Dibromochlorom...	0.246	0.261	0.258	0.339	0.375	0.388	0.311	20.51
61)	T	1,2-Dibromoethane	0.345	0.373	0.337	0.388	0.408	0.413	0.377	8.35
62)	S	4-Bromofluorob...		0.426	0.394	0.446	0.508	0.548	0.464	13.49
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.362	0.351	0.342	0.362	0.364	0.328	0.351	4.05
65)	PM	Chlorobenzene	1.054	1.072	0.967	1.053	1.116	1.057	1.053	4.59
66)	T	1,1,1,2-Tetrac...	0.269	0.325	0.311	0.371	0.389	0.377	0.340	13.71
67)	C	Ethyl Benzene	1.751	1.894	1.768	2.032	2.163	2.026	1.939	8.41#
68)	T	m/p-Xylenes	0.667	0.712	0.668	0.741	0.789	0.743	0.720	6.59
69)	T	o-Xylene	0.630	0.674	0.656	0.728	0.775	0.743	0.701	8.00
70)	T	Styrene	0.990	1.070	1.081	1.223	1.329	1.286	1.163	11.65
71)	P	Bromoform	0.109	0.152	0.162	0.214	0.259	0.264	0.194	32.17
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.795	4.367	3.851	4.447	4.504	4.419	4.231	7.54
74)	T	N-amyl acetate	1.557	1.981	1.923	2.319	2.471	2.455	2.118	17.03
75)	P	1,1,2,2-Tetrac...	1.329	1.494	1.336	1.526	1.534	1.500	1.453	6.50
76)	T	1,2,3-Trichlor...	1.108	1.400	1.250	1.386	1.422	1.358	1.321	9.13
77)	T	Bromobenzene	0.841	0.884	0.809	0.896	0.936	0.913	0.880	5.35
78)	T	n-propylbenzene	4.468	5.032	4.701	5.451	5.641	5.421	5.119	9.08
79)	T	2-Chlorotoluene	2.752	3.111	2.863	3.238	3.334	3.247	3.091	7.55
80)	T	1,3,5-Trimethy...	2.939	3.331	3.294	3.700	3.869	3.711	3.474	9.99
81)	T	trans-1,4-Dich...		0.296	0.318	0.450	0.529	0.541	0.427	26.98
82)	T	4-Chlorotoluene	3.373	3.546	3.238	3.631	3.876	3.767	3.572	6.69
83)	T	tert-Butylbenzene	3.004	3.246	3.019	3.430	3.567	3.417	3.281	7.07
84)	T	1,2,4-Trimethy...	2.776	3.436	3.255	3.791	3.945	3.775	3.496	12.44
85)	T	sec-Butylbenzene	3.863	4.313	4.053	4.719	4.873	4.726	4.424	9.29
86)	T	p-Isopropyltol...	2.878	3.429	3.255	3.763	3.952	3.817	3.516	11.55
87)	T	1,3-Dichlorobe...	1.578	1.697	1.572	1.756	1.818	1.763	1.697	6.01
88)	T	1,4-Dichlorobe...	1.880	1.779	1.595	1.759	1.842	1.794	1.775	5.56
89)	T	n-Butylbenzene	2.654	3.127	3.018	3.632	3.874	3.752	3.343	14.40
90)	T	Hexachloroethane	0.397	0.478	0.452	0.598	0.679	0.691	0.549	22.58
91)	T	1,2-Dichlorobe...	1.606	1.659	1.509	1.709	1.752	1.704	1.657	5.30
92)	T	1,2-Dibromo-3-...	0.202	0.222	0.253	0.311	0.354	0.369	0.285	24.54
93)	T	1,2,4-Trichlor...	0.799	0.870	0.803	0.964	1.042	1.035	0.919	11.99
94)	T	Hexachlorobuta...	0.384	0.346	0.312	0.349	0.383	0.386	0.360	8.25
95)	T	Naphthalene	2.585	3.241	3.337	3.981	4.223	4.173	3.590	18.01
96)	T	1,2,3-Trichlor...	0.758	0.882	0.843	1.009	1.037	1.023	0.925	12.41

(#) = Out of Range