Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X032522W.M
Title : SW846 8260
Last Update : Fri Mar 25 16:26:59 2022
Response Via : Initial Calibration

Calibration Files
1 =VX027695.D 5 =VX027696.D 20 =VX027702.D 50 =VX027698.D 100 =VX027699.D 150 =VX027700.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.516	0.542	0.542	0.635	0.614	0.630	0.580	8.98
3)	P	Chloromethane	0.704	0.640	0.590	0.578	0.541	0.552	0.601	10.23
4)	C	Vinyl Chloride	0.567	0.569	0.577	0.580	0.569	0.601	0.577	2.23#
5)	T	Bromomethane		0.272	0.257	0.204	0.205	0.220	0.232	13.47
6)	T	Chloroethane	0.447	0.382	0.382	0.330	0.311		0.370	14.37
7)	T	Trichlorofluor...	0.893	0.881	0.888	0.817	0.817	0.816	0.852	4.58
8)	T	Diethyl Ether	0.318	0.336	0.323	0.298	0.281	0.289	0.308	7.05
9)	T	1,1,2-Trichlor...	0.663	0.565	0.596	0.527	0.535	0.533	0.570	9.22
10)	T	Methyl Iodide		0.413	0.556	0.582	0.603	0.628	0.557	15.17
11)	T	Tert butyl alc...		0.141	0.157	0.157	0.152	0.157	0.153	4.50
12)	CM	1,1-Dichloroet...	0.546	0.580	0.544	0.505	0.498	0.513	0.531	5.86#
13)	T	Acrolein		0.124	0.100	0.099	0.102	0.109	0.107	9.82
14)	T	Allyl chloride	0.931	1.011	0.983	1.029	1.050	1.024	1.005	4.21
15)	T	Acrylonitrile	0.378	0.369	0.385	0.384	0.367	0.360	0.374	2.63
16)	T	Acetone	0.355	0.378	0.396	0.308	0.333	0.311	0.347	10.40
17)	T	Carbon Disulfide	1.494	1.446	1.507	1.337	1.369	1.396	1.425	4.83
18)	T	Methyl Acetate	0.873	0.932	0.869	0.912	0.879	0.856	0.887	3.29
19)	T	Methyl tert-bu...	1.749	1.981	2.096	1.972	1.952	1.948	1.950	5.77
20)	T	Methylene Chlo...	0.652	0.636	0.648	0.604	0.579	0.595	0.619	4.92
21)	T	trans-1,2-Dich...	0.706	0.588	0.615	0.544	0.536	0.556	0.591	10.80
22)	T	Diisopropyl ether	2.138	2.213	1.932	1.933	2.014	1.781	2.002	7.80
23)	T	Vinyl Acetate	1.778	1.790	1.732	1.751	1.833	1.619	1.751	4.18
24)	P	1,1-Dichloroet...	1.189	1.176	1.150	1.124	1.126	1.041	1.134	4.63
25)	T	2-Butanone		0.556	0.636	0.605	0.521	0.500	0.524	0.557	9.54
26)	T	2,2-Dichloropr...	0.827	0.894	0.931	0.804	0.853	0.896	0.867	5.51
27)	T	cis-1,2-Dichlo...	0.604	0.690	0.730	0.639	0.632	0.652	0.658	6.86
28)	T	Bromochloromet...	0.513	0.505	0.463	0.442	0.430	0.362	0.452	12.29
29)	T	Tetrahydrofuran	0.390	0.396	0.331	0.295	0.296	0.264	0.329	16.51
30)	C	Chloroform	1.174	1.344	1.193	1.064	1.062	0.983	1.137	11.29#
31)	T	Cyclohexane		1.089	1.150	0.921	0.968	0.843	0.994	12.56
32)	T	1,1,1-Trichlor...	1.099	1.073	1.109	0.928	0.966	0.887	1.010	9.44
33)	S	1,2-Dichloroet...		0.985	0.884	0.722	0.811	0.698	0.820	14.42
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.345	0.353	0.285	0.347	0.312	0.328	8.90
36)	T	1,1-Dichloropr...	0.558	0.577	0.566	0.470	0.502	0.439	0.519	11.01
37)	T	Ethyl Acetate	0.616	0.683	0.583	0.587	0.586	0.567	0.604	6.93
38)	T	Carbon Tetrach...	0.513	0.542	0.539	0.469	0.511	0.467	0.507	6.47
39)	T	Methylcyclohexane	0.523	0.617	0.688	0.586	0.592	0.574	0.597	9.12
40)	TM	Benzene	1.415	1.506	1.569	1.415	1.396	1.295	1.433	6.62
41)	T	Methacrylonitrile	0.370	0.352	0.313	0.323	0.283	0.256	0.316	13.43
42)	TM	1,2-Dichloroet...	0.670	0.665	0.650	0.616	0.555	0.499	0.609	11.29
43)	T	Isopropyl Acetate	0.809	0.963	0.989	0.967	0.948	0.794	0.912	9.49
44)	TM	Trichloroethene	0.425	0.377	0.396	0.337	0.348	0.341	0.371	9.44
45)	C	1,2-Dichloropr...	0.343	0.381	0.433	0.369	0.373	0.356	0.376	8.28#
46)	T	Dibromomethane	0.222	0.298	0.299	0.269	0.258	0.269	0.269	10.69
47)	T	Bromodichlorom...	0.460	0.528	0.575	0.533	0.522	0.543	0.527	7.20
48)	T	Methyl methacr...	0.322	0.438	0.534	0.491	0.419	0.499	0.451	16.77
49)	T	1,4-Dioxane	0.009	0.010	0.011	0.009	0.009	0.009	0.010	7.32
50)	S	Toluene-d8		1.229	1.404	1.123	1.294	1.297	1.269	8.12
51)	T	4-Methyl-2-Pen...	0.508	0.630	0.714	0.641	0.625	0.637	0.626	10.60
52)	CM	Toluene	0.893	0.886	0.964	0.866	0.882	0.882	0.896	3.88#
53)	T	t-1,3-Dichloro...	0.376	0.428	0.590	0.549	0.584	0.605	0.522	18.40
54)	T	cis-1,3-Dichlo...	0.491	0.515	0.633	0.595	0.616	0.633	0.581	10.68
55)	T	1,1,2-Trichlor...	0.363	0.348	0.398	0.353	0.354	0.366	0.364	4.93
56)	T	Ethyl methacry...	0.485	0.503	0.668	0.618	0.635	0.659	0.595	13.46

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57)	T	1,3-Dichloropr...	0.669	0.627	0.724	0.641	0.631	0.645	0.656	5.56
58)	T	2-Chloroethyl ...	0.259	0.285	0.319	0.318	0.313	0.333	0.304	8.93
59)	T	2-Hexanone	0.446	0.448	0.560	0.491	0.490	0.500	0.489	8.55
60)	T	Dibromochlorom...	0.299	0.327	0.373	0.357	0.368	0.387	0.352	9.29
61)	T	1,2-Dibromoethane	0.385	0.389	0.416	0.375	0.377	0.388	0.389	3.81
62)	S	4-Bromofluorob...		0.489	0.555	0.456	0.522	0.554	0.515	8.30
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.471	0.412	0.399	0.338	0.327	0.305	0.375	16.79
65)	PM	Chlorobenzene	1.076	1.115	1.175	0.993	0.987	0.975	1.053	7.77
66)	T	1,1,1,2-Tetrac...	0.352	0.359	0.392	0.350	0.358	0.362	0.362	4.30
67)	C	Ethyl Benzene	1.894	1.986	2.229	1.919	1.889	1.855	1.962	7.02#
68)	T	m/p-Xylenes	0.660	0.721	0.807	0.698	0.693	0.688	0.711	7.11
69)	T	o-Xylene	0.734	0.732	0.771	0.682	0.690	0.679	0.715	5.15
70)	T	Styrene	0.978	1.073	1.297	1.141	1.154	1.172	1.136	9.35
71)	P	Bromoform	0.205	0.252	0.279	0.259	0.286	0.292	0.262	12.17
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.907	4.326	4.546	4.107	3.942	3.813	4.107	6.84
74)	T	N-amyl acetate	1.822	1.898	2.109	1.998	2.021	1.979	1.971	5.06
75)	P	1,1,2,2-Tetrac...	1.470	1.563	1.544	1.393	1.364	1.348	1.447	6.40
76)	T	1,2,3-Trichlor...	1.365	1.503	1.509	1.385	1.317	1.273	1.392	6.93
77)	T	Bromobenzene	0.993	0.946	0.941	0.855	0.854	0.855	0.907	6.65
78)	T	n-propylbenzene	4.592	4.899	5.449	4.901	4.748	4.647	4.873	6.35
79)	T	2-Chlorotoluene	3.239	3.176	3.325	2.976	2.904	2.811	3.072	6.65
80)	T	1,3,5-Trimethy...	3.382	3.601	3.952	3.514	3.415	3.314	3.530	6.53
81)	T	trans-1,4-Dich...		0.319	0.400	0.421	0.443	0.462	0.409	13.59
82)	T	4-Chlorotoluene	3.527	3.631	3.904	3.457	3.376	3.309	3.534	6.04
83)	T	tert-Butylbenzene	3.213	3.281	3.464	3.232	3.169	3.097	3.243	3.86
84)	T	1,2,4-Trimethy...	3.658	3.622	3.872	3.543	3.440	3.361	3.583	5.02
85)	T	sec-Butylbenzene	4.070	4.327	4.744	4.210	4.109	4.027	4.248	6.26
86)	T	p-Isopropyltol...	2.910	3.254	3.780	3.433	3.354	3.327	3.343	8.41
87)	T	1,3-Dichlorobe...	1.581	1.819	1.870	1.642	1.638	1.629	1.696	6.94
88)	T	1,4-Dichlorobe...	1.900	1.829	1.871	1.654	1.654	1.637	1.757	6.94
89)	T	n-Butylbenzene	2.777	3.070	3.605	3.148	3.212	3.177	3.165	8.43
90)	T	Hexachloroethane	0.485	0.482	0.558	0.536	0.572	0.567	0.534	7.61
91)	T	1,2-Dichlorobe...	1.689	1.683	1.793	1.623	1.553	1.529	1.645	5.94
92)	T	1,2-Dibromo-3-...	0.382	0.320	0.360	0.336	0.364	0.366	0.355	6.42
93)	T	1,2,4-Trichlor...	0.840	0.916	1.069	1.050	0.961	0.981	0.970	8.79
94)	T	Hexachlorobuta...	0.486	0.432	0.523	0.484	0.452	0.456	0.472	6.86
95)	T	Naphthalene	3.261	3.241	3.780	3.776	3.631	3.676	3.561	6.94
96)	T	1,2,3-Trichlor...	0.904	0.891	1.051	1.025	0.957	0.986	0.969	6.64

(#) = Out of Range