Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N120221W.M
Title : SW846 8260
Last Update : Fri Dec 03 08:46:47 2021
Response Via : Initial Calibration

Calibration Files
1 =VN069700.D 5 =VN069701.D 20 =VN069702.D 50 =VN069703.D 100 =VN069704.D 150 =VN069705.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.561	0.495	0.538	0.662	0.612	0.631	0.583	10.80
3)	P	Chloromethane	0.915	0.674	0.621	0.771	0.693	0.711	0.731	14.05
4)	C	Vinyl Chloride	0.712	0.660	0.583	0.727	0.666	0.682	0.672	7.52#
5)	T	Bromomethane		0.405	0.339	0.396	0.346	0.338	0.365	9.03
6)	T	Chloroethane	0.484	0.408	0.353	0.439	0.389	0.397	0.412	10.99
7)	T	Trichlorofluor...	0.967	0.876	0.772	0.944	0.851	0.880	0.882	7.87
8)	T	Diethyl Ether	0.358	0.337	0.289	0.367	0.335	0.351	0.340	8.11
9)	T	1,1,2-Trichlor...	0.541	0.490	0.426	0.529	0.483	0.496	0.494	8.15
10)	T	Methyl Iodide		0.587	0.558	0.764	0.725	0.743	0.675	14.14
11)	T	Tert butyl alc...		0.134	0.121	0.159	0.156	0.160	0.146	12.21
12)	CM	1,1-Dichloroet...	0.520	0.454	0.407	0.510	0.473	0.493	0.476	8.73#
13)	T	Acrolein		0.130	0.116	0.125	0.123	0.126	0.124	4.21
14)	T	Allyl chloride	1.158	1.018	0.872	1.154	1.093	1.144	1.073	10.41
15)	T	Acrylonitrile	0.405	0.391	0.329	0.431	0.397	0.405	0.393	8.67
16)	T	Acetone	0.540	0.443	0.425	0.508	0.443	0.428	0.464	10.31
17)	T	Carbon Disulfide	1.283	1.077	0.978	1.349	1.304	1.392	1.230	13.38
18)	T	Methyl Acetate	1.666	1.385	1.142	1.478	1.353	1.386	1.402	12.18
19)	T	Methyl tert-bu...	1.944	1.768	1.562	2.006	1.871	1.960	1.852	8.89
20)	T	Methylene Chlo...	0.769	0.620	0.504	0.628	0.582	0.602	0.617	14.00
21)	T	trans-1,2-Dich...	0.569	0.505	0.433	0.555	0.511	0.532	0.517	9.30
22)	T	Diisopropyl ether	2.168	1.950	1.787	2.309	2.151	2.221	2.098	9.19
23)	T	Vinyl Acetate	1.642	1.610	1.446	1.940	1.814	1.787	1.707	10.29
24)	P	1,1-Dichloroet...	1.150	1.059	0.914	1.173	1.088	1.136	1.087	8.69
25)	T	2-Butanone	0.670	0.612	0.540	0.698	0.633	0.634	0.631	8.57
26)	T	2,2-Dichloropr...	0.947	0.781	0.686	0.905	0.856	0.895	0.845	11.36
27)	T	cis-1,2-Dichlo...	0.665	0.623	0.519	0.676	0.623	0.643	0.625	8.98
28)	T	Bromochloromet...	0.542	0.511	0.559	0.602	0.579	0.598	0.565	6.20
29)	T	Tetrahydrofuran	0.374	0.366	0.333	0.429	0.394	0.403	0.383	8.71
30)	C	Chloroform	1.157	1.092	0.933	1.182	1.091	1.130	1.097	8.05#
31)	T	Cyclohexane		1.229	0.920	1.131	1.030	1.062	1.074	10.71
32)	T	1,1,1-Trichlor...	0.957	0.868	0.782	1.033	0.962	1.007	0.935	10.01
33)	S	1,2-Dichloroet...		0.738	0.756	0.819	0.757	0.789	0.772	4.17
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.285	0.313	0.337	0.309	0.321	0.313	6.06
36)	T	1,1-Dichloropr...	0.496	0.450	0.410	0.523	0.481	0.497	0.476	8.50
37)	T	Ethyl Acetate	0.724	0.734	0.610	0.779	0.700	0.704	0.708	7.92
38)	T	Carbon Tetrach...	0.468	0.442	0.395	0.515	0.480	0.500	0.467	9.27
39)	T	Methylcyclohexane	0.553	0.539	0.486	0.634	0.584	0.601	0.566	9.19
40)	TM	Benzene	1.547	1.437	1.252	1.584	1.444	1.465	1.455	7.94
41)	T	Methacrylonitrile	0.316	0.306	0.274	0.376	0.354	0.370	0.333	12.16
42)	TM	1,2-Dichloroet...	0.637	0.585	0.509	0.632	0.572	0.588	0.587	7.91
43)	T	Isopropyl Acetate	1.037	1.003	0.894	1.159	1.078	1.120	1.048	8.97
44)	TM	Trichloroethene	0.346	0.343	0.299	0.381	0.352	0.363	0.347	7.85
45)	C	1,2-Dichloropr...	0.412	0.392	0.332	0.423	0.389	0.397	0.391	8.06#
46)	T	Dibromomethane	0.263	0.259	0.219	0.280	0.256	0.260	0.256	7.82
47)	T	Bromodichlorom...	0.467	0.447	0.411	0.544	0.512	0.530	0.485	10.75
48)	T	Methyl methacr...	0.436	0.456	0.411	0.543	0.520	0.569	0.489	13.01
49)	T	1,4-Dioxane	0.008	0.009	0.007	0.010	0.009	0.009	0.009	9.81
50)	S	Toluene-d8		1.167	1.236	1.359	1.241	1.285	1.258	5.63
51)	T	4-Methyl-2-Pen...	0.653	0.675	0.601	0.785	0.728	0.639	0.680	9.73
52)	CM	Toluene	0.843	0.884	0.773	0.987	0.916	0.926	0.888	8.34#
53)	T	t-1,3-Dichloro...	0.427	0.427	0.416	0.595	0.582	0.616	0.510	18.80
54)	T	cis-1,3-Dichlo...	0.473	0.473	0.458	0.643	0.609	0.635	0.548	16.24
55)	T	1,1,2-Trichlor...	0.349	0.359	0.307	0.394	0.367	0.375	0.358	8.24
56)	T	Ethyl methacry...	0.523	0.547	0.503	0.695	0.672	0.706	0.608	15.37

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57)	T	1,3-Dichloropr...	0.633	0.617	0.541	0.695	0.645	0.654	0.631	8.09
58)	T	2-Chloroethyl ...	0.110	0.124	0.134	0.178	0.179	0.198	0.154	23.25
59)	T	2-Hexanone	0.481	0.488	0.444	0.592	0.545	0.536	0.514	10.34
60)	T	Dibromochlorom...	0.288	0.291	0.281	0.396	0.384	0.401	0.340	17.31
61)	T	1,2-Dibromoethane	0.342	0.358	0.313	0.416	0.395	0.405	0.371	10.84
62)	S	4-Bromofluorob...		0.381	0.415	0.490	0.479	0.514	0.456	12.21
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.389	0.335	0.298	0.367	0.323	0.322	0.339	9.80
65)	PM	Chlorobenzene	1.063	1.023	0.869	1.103	1.006	1.022	1.014	7.85
66)	T	1,1,1,2-Tetrac...	0.349	0.340	0.310	0.403	0.368	0.373	0.357	8.91
67)	C	Ethyl Benzene	1.832	1.778	1.606	2.075	1.878	1.885	1.843	8.31#
68)	T	m/p-Xylenes	0.626	0.652	0.588	0.759	0.693	0.707	0.671	9.16
69)	T	o-Xylene	0.631	0.652	0.585	0.761	0.701	0.724	0.676	9.57
70)	T	Styrene	0.915	0.976	0.911	1.243	1.168	1.216	1.072	14.42
71)	P	Bromoform	0.214	0.217	0.217	0.311	0.308	0.320	0.264	20.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.824	4.668	3.811	4.661	4.416	4.312	4.449	8.17
74)	T	N-amyl acetate	2.052	1.825	1.584	2.156	2.070	2.117	1.967	11.21
75)	P	1,1,2,2-Tetrac...	1.885	1.666	1.339	1.586	1.402	1.351	1.538	14.00
76)	T	1,2,3-Trichlor...	1.692	1.544	1.204	1.510	1.307	1.345	1.434	12.54
77)	T	Bromobenzene	1.185	1.098	0.870	1.078	1.023	1.017	1.045	10.08
78)	T	n-propylbenzene	5.162	4.876	4.217	5.344	5.083	5.020	4.950	7.91
79)	T	2-Chlorotoluene	3.460	3.227	2.646	3.257	3.094	3.084	3.128	8.72
80)	T	1,3,5-Trimethy...	3.694	3.646	3.135	3.825	3.601	3.581	3.581	6.56
81)	T	trans-1,4-Dich...		0.313	0.294	0.455	0.453	0.465	0.396	21.46
82)	T	4-Chlorotoluene	3.125	2.955	2.472	3.115	2.984	2.998	2.942	8.18
83)	T	tert-Butylbenzene	3.405	3.240	2.695	3.367	3.185	3.131	3.171	8.06
84)	T	1,2,4-Trimethy...	3.322	3.493	2.974	3.741	3.485	3.446	3.410	7.43
85)	T	sec-Butylbenzene	4.337	4.260	3.658	4.678	4.464	4.407	4.301	8.03
86)	T	p-Isopropyltol...	3.223	3.311	2.864	3.706	3.536	3.529	3.362	8.89
87)	T	1,3-Dichlorobe...	1.955	1.698	1.442	1.829	1.689	1.686	1.717	9.99
88)	T	1,4-Dichlorobe...	2.030	1.646	1.388	1.758	1.651	1.650	1.687	12.33
89)	T	n-Butylbenzene	2.646	2.445	2.157	3.045	3.010	3.059	2.727	13.75
90)	T	Hexachloroethane	0.584	0.539	0.468	0.658	0.648	0.644	0.590	12.79
91)	T	1,2-Dichlorobe...	1.963	1.685	1.423	1.769	1.609	1.585	1.673	10.94
92)	T	1,2-Dibromo-3-...	0.287	0.251	0.231	0.302	0.296	0.301	0.278	10.76
93)	T	1,2,4-Trichlor...	0.882	0.583	0.582	0.821	0.824	0.866	0.760	18.35
94)	T	Hexachlorobuta...	0.514	0.460	0.379	0.481	0.420	0.406	0.443	11.37
95)	T	Naphthalene	2.659	1.524	1.531	2.368	2.476	2.635	2.199	24.14
96)	T	1,2,3-Trichlor...	0.851	0.615	0.580	0.814	0.800	0.837	0.749	15.96

(#) = Out of Range