Response Factor Report MSVOA_N

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N110921W.M
Title : SW846 8260
Last Update : Tue Nov 09 18:18:22 2021
Response Via : Initial Calibration

Calibration Files
1 =VN069414.D 5 =VN069415.D 20 =VN069416.D 50 =VN069417.D 100 =VN069418.D 150 =VN069419.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.461	0.483	0.600	0.560	0.554	0.547	0.534	9.74
3)	P	Chloromethane	0.684	0.604	0.670	0.595	0.587	0.578	0.619	7.31
4)	C	Vinyl Chloride	0.621	0.592	0.672	0.627	0.611	0.598	0.620	4.62#
5)	T	Bromomethane		0.433	0.451	0.376	0.405	0.349	0.403	10.26
6)	T	Chloroethane	0.467	0.421	0.456	0.411	0.382	0.375	0.419	8.91
7)	T	Trichlorofluor...	0.961	0.929	1.066	0.966	0.930	0.900	0.959	6.04
8)	T	Diethyl Ether	0.331	0.304	0.330	0.301	0.299	0.295	0.310	5.18
9)	T	1,1,2-Trichlor...	0.451	0.451	0.487	0.450	0.438	0.433	0.452	4.15
10)	T	Methyl Iodide		0.466	0.579	0.556	0.578	0.590	0.554	9.17
11)	T	Tert butyl alc...		0.111	0.136	0.128	0.133	0.145	0.131	9.58
12)	CM	1,1-Dichloroet...	0.383	0.391	0.443	0.408	0.403	0.402	0.405	5.13#
13)	T	Acrolein		0.030	0.018	0.018	0.019	0.018	0.021	26.77
14)	T	Allyl chloride	0.887	0.780	0.951	0.900	0.924	0.933	0.896	6.82
15)	T	Acrylonitrile	0.303	0.300	0.367	0.338	0.350	0.349	0.335	8.09
16)	T	Acetone	0.380	0.349	0.430	0.394	0.391	0.404	0.391	6.87
17)	T	Carbon Disulfide	0.924	0.838	0.962	0.962	1.019	1.042	0.958	7.58
18)	T	Methyl Acetate	1.317	1.221	1.371	1.236	1.256	1.229	1.272	4.71
19)	T	Methyl tert-bu...	1.587	1.618	1.867	1.729	1.749	1.741	1.715	5.88
20)	T	Methylene Chlo...	0.654	0.553	0.574	0.522	0.517	0.509	0.555	9.82
21)	T	trans-1,2-Dich...	0.446	0.425	0.482	0.449	0.456	0.459	0.453	4.07
22)	T	Diisopropyl ether	1.754	1.824	2.125	1.955	1.987	1.936	1.930	6.73
23)	T	Vinyl Acetate	1.282	1.308	1.630	1.557	1.606	1.574	1.493	10.41
24)	P	1,1-Dichloroet...	0.964	0.942	1.069	0.977	0.976	0.971	0.983	4.48
25)	T	2-Butanone	0.462	0.472	0.582	0.541	0.561	0.560	0.530	9.49
26)	T	2,2-Dichloropr...	0.631	0.678	0.821	0.802	0.838	0.844	0.769	11.85
27)	T	cis-1,2-Dichlo...	0.532	0.525	0.596	0.565	0.577	0.571	0.561	4.86
28)	T	Bromochloromet...	0.532	0.534	0.452	0.485	0.527	0.490	0.503	6.56
29)	T	Tetrahydrofuran	0.260	0.290	0.365	0.340	0.350	0.345	0.325	12.50
30)	C	Chloroform	0.951	0.958	1.097	1.013	1.027	1.001	1.008	5.25#
31)	T	Cyclohexane		1.144	1.039	0.933	0.934	0.903	0.990	10.12
32)	T	1,1,1-Trichlor...	0.743	0.757	0.911	0.872	0.887	0.877	0.841	8.55
33)	S	1,2-Dichloroet...		0.724	0.809	0.681	0.702	0.708	0.725	6.81
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.278	0.319	0.292	0.302	0.309	0.300	5.22
36)	T	1,1-Dichloropr...	0.389	0.376	0.440	0.443	0.439	0.437	0.421	7.10
37)	T	Ethyl Acetate	0.461	0.488	0.623	0.614	0.618	0.608	0.569	12.93
38)	T	Carbon Tetrach...	0.353	0.345	0.422	0.432	0.441	0.444	0.406	11.06
39)	T	Methylcyclohexane	0.466	0.469	0.525	0.564	0.557	0.558	0.523	8.63
40)	TM	Benzene	1.241	1.191	1.377	1.344	1.326	1.313	1.299	5.33
41)	T	Methacrylonitrile	0.300	0.246	0.315	0.292	0.306	0.304	0.294	8.39
42)	TM	1,2-Dichloroet...	0.485	0.473	0.545	0.523	0.517	0.507	0.508	5.11
43)	T	Isopropyl Acetate	0.747	0.807	0.979	0.968	0.985	0.995	0.913	11.79
44)	TM	Trichloroethene	0.274	0.288	0.325	0.322	0.327	0.329	0.311	7.56
45)	C	1,2-Dichloropr...	0.317	0.317	0.371	0.364	0.359	0.354	0.347	6.88#
46)	T	Dibromomethane	0.221	0.211	0.242	0.242	0.239	0.238	0.232	5.63
47)	T	Bromodichlorom...	0.339	0.369	0.459	0.474	0.478	0.482	0.434	14.45
48)	T	Methyl methacr...	0.350	0.370	0.474	0.475	0.453	0.458	0.430	12.86
49)	T	1,4-Dioxane	0.005	0.007	0.008	0.008	0.008	0.009	0.008	16.74
50)	S	Toluene-d8		1.050	1.237	1.187	1.197	1.225	1.179	6.36
51)	T	4-Methyl-2-Pen...	0.471	0.502	0.648	0.649	0.655	0.613	0.590	13.88
52)	CM	Toluene	0.700	0.727	0.850	0.868	0.857	0.854	0.809	9.27#
53)	T	t-1,3-Dichloro...	0.306	0.345	0.460	0.510	0.539	0.560	0.453	23.20
54)	T	cis-1,3-Dichlo...	0.363	0.399	0.508	0.550	0.570	0.578	0.495	18.63
55)	T	1,1,2-Trichlor...	0.275	0.287	0.348	0.349	0.348	0.349	0.326	10.77
56)	T	Ethyl methacry...	0.387	0.445	0.557	0.594	0.616	0.640	0.540	18.76

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57)	T	1,3-Dichloropr...	0.521	0.521	0.606	0.601	0.593	0.597	0.573	7.13
58)	T	2-Chloroethyl ...	0.069	0.091	0.118	0.136	0.165	0.172	0.125	32.44
59)	T	2-Hexanone	0.310	0.361	0.464	0.487	0.502	0.512	0.439	18.99
60)	T	Dibromochlorom...	0.212	0.225	0.312	0.345	0.363	0.374	0.305	23.01
61)	T	1,2-Dibromoethane	0.254	0.281	0.347	0.362	0.366	0.371	0.330	15.03
62)	S	4-Bromofluorob...		0.357	0.411	0.436	0.463	0.499	0.433	12.39
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.312	0.288	0.311	0.308	0.303	0.289	0.302	3.54
65)	PM	Chlorobenzene	0.875	0.860	0.980	0.958	0.965	0.946	0.931	5.41
66)	T	1,1,1,2-Tetrac...	0.269	0.271	0.348	0.347	0.354	0.347	0.323	12.67
67)	C	Ethyl Benzene	1.558	1.560	1.835	1.796	1.803	1.747	1.716	7.30#
68)	T	m/p-Xylenes	0.541	0.566	0.669	0.672	0.676	0.665	0.631	9.69
69)	T	o-Xylene	0.524	0.551	0.671	0.670	0.682	0.677	0.629	11.37
70)	T	Styrene	0.771	0.837	1.058	1.095	1.147	1.158	1.011	16.39
71)	P	Bromoform	0.154	0.158	0.226	0.259	0.289	0.297	0.230	27.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.978	3.872	4.151	3.994	3.924	3.968	3.981	2.37
74)	T	N-amyl acetate	1.362	1.498	1.722	1.774	1.863	1.904	1.687	12.66
75)	P	1,1,2,2-Tetrac...	1.495	1.344	1.391	1.321	1.274	1.232	1.343	6.91
76)	T	1,2,3-Trichlor...	1.156	1.200	1.166	1.164	1.158	1.080	1.154	3.45
77)	T	Bromobenzene	0.936	0.866	0.922	0.901	0.910	0.927	0.910	2.76
78)	T	n-propylbenzene	4.178	4.246	4.600	4.586	4.593	4.674	4.480	4.70
79)	T	2-Chlorotoluene	2.759	2.781	2.840	2.746	2.725	2.791	2.774	1.45
80)	T	1,3,5-Trimethy...	2.948	3.162	3.366	3.266	3.261	3.307	3.218	4.61
81)	T	trans-1,4-Dich...		0.225	0.305	0.356	0.405	0.428	0.344	23.77
82)	T	4-Chlorotoluene	2.519	2.532	2.704	2.647	2.708	2.754	2.644	3.71
83)	T	tert-Butylbenzene	2.614	2.696	2.949	2.888	2.863	2.912	2.820	4.75
84)	T	1,2,4-Trimethy...	2.754	3.012	3.272	3.221	3.184	3.198	3.107	6.24
85)	T	sec-Butylbenzene	3.446	3.739	4.073	4.089	4.108	4.183	3.940	7.28
86)	T	p-Isopropyltol...	2.684	2.875	3.216	3.290	3.326	3.374	3.128	8.99
87)	T	1,3-Dichlorobe...	1.532	1.522	1.586	1.616	1.618	1.598	1.579	2.66
88)	T	1,4-Dichlorobe...	1.552	1.475	1.568	1.568	1.581	1.548	1.549	2.45
89)	T	n-Butylbenzene	2.142	2.301	2.529	2.777	2.920	2.979	2.608	13.08
90)	T	Hexachloroethane	0.415	0.418	0.515	0.551	0.578	0.599	0.513	15.52
91)	T	1,2-Dichlorobe...	1.429	1.434	1.594	1.548	1.524	1.483	1.502	4.34
92)	T	1,2-Dibromo-3-...	0.136	0.178	0.240	0.238	0.252	0.258	0.217	22.57
93)	T	1,2,4-Trichlor...	0.446	0.515	0.631	0.746	0.800	0.834	0.662	23.85
94)	T	Hexachlorobuta...	0.352	0.367	0.395	0.416	0.411	0.400	0.390	6.53
95)	T	Naphthalene	1.159	1.119	1.711	1.977	2.257	2.425	1.775	30.96
96)	T	1,2,3-Trichlor...	0.429	0.489	0.614	0.712	0.758	0.801	0.634	23.69

(#) = Out of Range