Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N061422W.M
Title : SW846 8260
Last Update : Wed Jun 15 04:13:32 2022
Response Via : Initial Calibration

Calibration Files
1 =VN072837.D 5 =VN072838.D 20 =VN072840.D 50 =VN072841.D 100 =VN072842.D 10 =VN072839.D

		Compound	1	5	20	50	100	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.436	0.488	0.379	0.388	0.384	0.495	0.428	12.45
3)	P	Chloromethane	0.649	0.649	0.413	0.430	0.423	0.566	0.522	21.71
4)	C	Vinyl Chloride	0.419	0.489	0.344	0.353	0.363	0.468	0.406	15.35#
5)	T	Bromomethane		0.245	0.169	0.154	0.071	0.225	0.173	39.35
6)	T	Chloroethane	0.318	0.362	0.234	0.234	0.222	0.331	0.284	21.37
7)	T	Trichlorofluor...	0.817	0.853	0.659	0.724	0.659	0.926	0.773	14.18
8)	T	Diethyl Ether	0.365	0.407	0.320	0.338	0.331	0.435	0.366	12.55
9)	T	1,1,2-Trichlor...	0.531	0.572	0.432	0.435	0.420	0.561	0.492	14.26
10)	T	Methyl Iodide		0.368	0.366	0.428	0.449	0.446	0.412	10.03
11)	T	Tert butyl alc...		1.053	0.854	0.834	0.877	1.074	0.938	12.28
12)	CM	1,1-Dichloroet...	0.527	0.530	0.396	0.402	0.399	0.512	0.461	14.81#
13)	T	Acrolein		0.099	0.084	0.086	0.083	0.088	0.088	7.36
14)	T	Allyl chloride	1.136	1.180	0.909	0.961	0.965	1.236	1.065	12.78
15)	T	Acrylonitrile	0.424	0.480	0.421	0.435	0.424	0.538	0.454	10.37
16)	T	Acetone	0.473	0.444	0.392	0.393	0.390	0.504	0.433	11.28
17)	T	Carbon Disulfide	1.348	1.274	0.762	0.800	0.816	0.973	0.996	25.70
18)	T	Methyl Acetate	1.539	1.326	1.048	1.062	1.034	1.394	1.234	17.42
19)	T	Methyl tert-bu...	1.921	2.018	1.776	1.853	1.810	2.350	1.955	10.84
20)	T	Methylene Chlo...	0.898	0.717	0.558	0.558	0.538	0.724	0.666	21.20
21)	T	trans-1,2-Dich...	0.610	0.594	0.425	0.436	0.427	0.539	0.505	17.08
22)	T	Diisopropyl ether	2.120	2.308	2.010	2.067	2.062	2.595	2.194	10.12
23)	T	Vinyl Acetate	1.722	1.956	1.763	1.851	1.825	2.245	1.894	10.04
24)	P	1,1-Dichloroet...	1.063	1.217	0.975	1.004	0.980	1.279	1.086	12.03
25)	T	2-Butanone	0.667	0.726	0.623	0.649	0.636	0.815	0.686	10.59
26)	T	2,2-Dichloropr...	0.913	0.848	0.711	0.727	0.726	0.939	0.811	12.65
27)	T	cis-1,2-Dichlo...	0.663	0.693	0.576	0.588	0.577	0.732	0.638	10.54
28)	T	Bromochloromet...	0.525	0.545	0.505	0.514	0.508	0.511	0.518	2.87
29)	T	Tetrahydrofuran	0.418	0.463	0.410	0.409	0.398	0.528	0.438	11.35
30)	C	Chloroform	0.995	1.205	1.008	1.028	1.023	1.290	1.091	11.38#
31)	T	Cyclohexane		1.318	0.805	0.802	0.769	1.040	0.947	24.73
32)	T	1,1,1-Trichlor...	0.852	1.000	0.823	0.870	0.864	1.059	0.911	10.38
33)	S	1,2-Dichloroet...		0.860	0.724	0.755	0.742	0.791	0.774	6.92
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.337	0.300	0.301	0.299	0.310	0.310	5.11
36)	T	1,1-Dichloropr...	0.475	0.467	0.347	0.365	0.370	0.457	0.413	14.21
37)	T	Ethyl Acetate	0.696	0.718	0.666	0.661	0.636	0.809	0.698	8.85
38)	T	Carbon Tetrach...	0.442	0.442	0.355	0.382	0.382	0.473	0.413	11.09
39)	T	Methylcyclohexane	0.530	0.548	0.405	0.424	0.423	0.486	0.469	12.96
40)	TM	Benzene	1.326	1.470	1.163	1.202	1.184	1.497	1.307	11.35
41)	T	Methacrylonitrile	0.341	0.352	0.325	0.362	0.355	0.410	0.358	8.07
42)	TM	1,2-Dichloroet...	0.524	0.552	0.454	0.469	0.456	0.581	0.506	10.71
43)	T	Isopropyl Acetate	0.991	1.067	0.939	0.979	0.985	1.206	1.028	9.43
44)	TM	Trichloroethene	0.357	0.342	0.279	0.288	0.287	0.353	0.318	11.55
45)	C	1,2-Dichloropr...	0.387	0.386	0.324	0.329	0.331	0.426	0.364	11.51#
46)	T	Dibromomethane	0.222	0.267	0.213	0.219	0.216	0.270	0.234	11.33
47)	T	Bromodichlorom...	0.455	0.483	0.446	0.460	0.462	0.546	0.475	7.70
48)	T	Methyl methacr...	0.487	0.484	0.455	0.485	0.454	0.576	0.490	9.12
49)	T	1,4-Dioxane	0.011	0.010	0.009	0.009	0.009	0.011	0.010	10.10
50)	S	Toluene-d8		1.297	1.162	1.217	1.212	1.220	1.222	3.95
51)	T	4-Methyl-2-Pen...	0.608	0.741	0.673	0.694	0.669	0.842	0.704	11.35
52)	CM	Toluene	0.792	0.863	0.745	0.769	0.752	0.949	0.812	9.81#
53)	T	t-1,3-Dichloro...	0.409	0.470	0.443	0.491	0.511	0.540	0.478	9.86
54)	T	cis-1,3-Dichlo...	0.473	0.534	0.483	0.525	0.529	0.601	0.524	8.71
55)	T	1,1,2-Trichlor...	0.391	0.374	0.324	0.347	0.336	0.421	0.366	10.00
56)	T	Ethyl methacry...	0.552	0.641	0.559	0.608	0.601	0.698	0.610	8.96

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57)	T	1,3-Dichloropr...	0.666	0.657	0.568	0.587	0.574	0.728	0.630	10.16
58)	T	2-Chloroethyl ...	0.215	0.243	0.236	0.262	0.262	0.242	0.243	7.21
59)	T	2-Hexanone	0.461	0.545	0.498	0.537	0.502	0.631	0.529	11.06
60)	T	Dibromochlorom...	0.306	0.341	0.320	0.350	0.352	0.397	0.344	9.16
61)	T	1,2-Dibromoethane	0.338	0.382	0.325	0.346	0.345	0.417	0.359	9.57
62)	S	4-Bromofluorob...		0.422	0.375	0.430	0.431	0.392	0.410	6.16
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.386	0.338	0.288	0.289	0.276	0.349	0.321	13.48
65)	PM	Chlorobenzene	1.066	1.056	0.880	0.913	0.894	1.100	0.985	10.09
66)	T	1,1,1,2-Tetrac...	0.395	0.376	0.350	0.353	0.355	0.424	0.376	7.85
67)	C	Ethyl Benzene	1.876	1.884	1.616	1.686	1.647	1.959	1.778	8.18#
68)	T	m/p-Xylenes	0.600	0.665	0.581	0.613	0.600	0.718	0.630	8.25
69)	T	o-Xylene	0.733	0.672	0.589	0.626	0.617	0.761	0.666	10.25
70)	T	Styrene	0.900	1.010	0.933	1.019	1.009	1.154	1.004	8.74
71)	P	Bromoform	0.240	0.255	0.256	0.285	0.286	0.314	0.273	9.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.376	5.069	4.267	4.254	4.288	5.323	4.596	10.30
74)	T	N-amyl acetate	2.125	2.228	2.021	2.200	2.213	2.512	2.216	7.40
75)	P	1,1,2,2-Tetrac...	1.740	1.894	1.628	1.572	1.471	2.092	1.733	13.17
76)	T	1,2,3-Trichlor...	1.461	1.629	1.492	1.329	1.271	1.471	1.442	8.81
77)	T	Bromobenzene	1.155	1.117	0.920	0.937	0.936	1.189	1.042	11.91
78)	T	n-propylbenzene	5.047	5.286	4.626	4.763	4.810	5.552	5.014	7.02
79)	T	2-Chlorotoluene	3.423	3.620	2.943	2.967	2.999	3.671	3.270	10.40
80)	T	1,3,5-Trimethy...	3.587	3.904	3.358	3.428	3.433	4.199	3.652	9.09
81)	T	trans-1,4-Dich...		0.448	0.411	0.473	0.500	0.486	0.464	7.56
82)	T	4-Chlorotoluene	3.309	3.098	2.629	2.741	2.803	3.385	2.994	10.53
83)	T	tert-Butylbenzene	3.396	3.581	2.998	3.057	3.048	3.716	3.299	9.34
84)	T	1,2,4-Trimethy...	3.399	3.786	3.261	3.351	3.320	4.085	3.533	9.30
85)	T	sec-Butylbenzene	3.999	4.668	4.129	4.248	4.317	5.096	4.410	9.18
86)	T	p-Isopropyltol...	3.250	3.540	3.170	3.360	3.361	3.938	3.436	8.02
87)	T	1,3-Dichlorobe...	1.819	1.788	1.518	1.582	1.555	1.914	1.696	9.70
88)	T	1,4-Dichlorobe...	2.056	1.744	1.507	1.563	1.547	1.881	1.716	12.74
89)	T	n-Butylbenzene	2.660	2.768	2.511	2.733	2.905	3.008	2.764	6.38
90)	T	Hexachloroethane	0.660	0.721	0.617	0.659	0.688	0.750	0.682	6.99
91)	T	1,2-Dichlorobe...	1.889	1.819	1.624	1.601	1.558	1.934	1.737	9.35
92)	T	1,2-Dibromo-3-...	0.333	0.333	0.334	0.342	0.344	0.392	0.346	6.65
93)	T	1,2,4-Trichlor...	0.889	0.780	0.736	0.793	0.847	0.885	0.822	7.51
94)	T	Hexachlorobuta...	0.406	0.391	0.348	0.350	0.357	0.420	0.379	8.13
95)	T	Naphthalene	3.166	2.797	2.946	3.168	3.336	3.457	3.145	7.73
96)	T	1,2,3-Trichlor...	0.855	0.766	0.802	0.834	0.872	0.936	0.844	6.99

(#) = Out of Range