Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X062323W.M
Title : SW846 8260
Last Update : Fri Jun 23 15:03:28 2023
Response Via : Initial Calibration

Calibration Files
1 =VX036290.D 5 =VX036284.D 20 =VX036285.D 50 =VX036286.D 100 =VX036287.D 150 =VX036288.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.474	0.470	0.475	0.461	0.480	0.479	0.473	1.47
3)	P	Chloromethane	0.869	0.826	0.851	0.825	0.821	0.737	0.821	5.54
4)	C	Vinyl Chloride	0.922	0.890	0.914	0.895	0.913	0.851	0.898	2.89#
5)	T	Bromomethane		0.616	0.628	0.630	0.694	0.717	0.657	6.87
6)	T	Chloroethane	0.698	0.623	0.602	0.648	0.699	0.684	0.659	6.20
7)	T	Trichlorofluor...	1.320	1.288	1.333	1.341	1.437	1.469	1.365	5.25
8)	T	Diethyl Ether	0.521	0.503	0.519	0.520	0.553	0.547	0.527	3.62
9)	T	1,1,2-Trichlor...	0.532	0.563	0.571	0.579	0.593	0.598	0.573	4.17
10)	T	Methyl Iodide		0.598	0.708	0.729	0.740	0.696	0.694	8.12
11)	T	Tert butyl alc...		0.132	0.131	0.128	0.132	0.130	0.130	1.34
12)	CM	1,1-Dichloroet...	0.558	0.564	0.561	0.564	0.581	0.582	0.568	1.81#
13)	T	Acrolein		0.188	0.186	0.166	0.166	0.190	0.179	6.82
14)	T	Allyl chloride	0.906	0.856	0.885	0.927	0.988	0.979	0.923	5.64
15)	T	Acrylonitrile	0.310	0.335	0.340	0.329	0.341	0.329	0.331	3.39
16)	T	Acetone	0.377	0.304	0.302	0.284	0.288	0.283	0.306	11.65
17)	T	Carbon Disulfide	1.674	1.164	1.254	1.355	1.456	1.470	1.396	12.90
18)	T	Methyl Acetate	1.172	1.277	1.263	1.242	1.310	1.296	1.260	3.92
19)	T	Methyl tert-bu...	1.693	1.769	1.870	1.866	1.920	1.900	1.836	4.74
20)	T	Methylene Chlo...	0.790	0.634	0.640	0.627	0.645	0.622	0.660	9.79
21)	T	trans-1,2-Dich...	0.674	0.590	0.593	0.585	0.603	0.594	0.606	5.55
22)	T	Diisopropyl ether	1.715	1.859	1.905	1.862	1.905	1.857	1.850	3.79
23)	T	Vinyl Acetate	1.192	1.249	1.356	1.388	1.447	1.425	1.343	7.56
24)	P	1,1-Dichloroet...	1.030	1.084	1.097	1.092	1.131	1.109	1.091	3.10
25)	T	2-Butanone	0.431	0.449	0.447	0.436	0.449	0.429	0.440	2.03
26)	T	2,2-Dichloropr...	0.722	0.699	0.729	0.774	0.859	0.858	0.773	9.04
27)	T	cis-1,2-Dichlo...	0.682	0.663	0.678	0.670	0.701	0.687	0.680	1.95
28)	T	Bromochloromet...	0.704	0.549	0.555	0.527	0.553	0.506	0.566	12.45
29)	T	Tetrahydrofuran	0.262	0.306	0.279	0.275	0.283	0.277	0.280	5.12
30)	C	Chloroform	1.065	1.115	1.105	1.086	1.119	1.099	1.098	1.84#
31)	T	Cyclohexane		0.912	0.926	0.904	0.926	0.925	0.918	1.12
32)	T	1,1,1-Trichlor...	0.879	0.865	0.891	0.923	0.975	0.972	0.917	5.14
33)	S	1,2-Dichloroet...		0.777	0.688	0.700	0.723	0.695	0.717	5.05
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.346	0.317	0.324	0.334	0.329	0.330	3.34
36)	T	1,1-Dichloropr...	0.555	0.480	0.464	0.474	0.487	0.488	0.491	6.59
37)	T	Ethyl Acetate	0.481	0.505	0.509	0.493	0.508	0.509	0.501	2.30
38)	T	Carbon Tetrach...	0.420	0.422	0.430	0.452	0.478	0.492	0.449	6.75
39)	T	Methylcyclohexane	0.607	0.570	0.569	0.590	0.590	0.605	0.589	2.77
40)	TM	Benzene	1.374	1.382	1.377	1.359	1.369	1.376	1.373	0.58
41)	T	Methacrylonitrile	0.279	0.278	0.280	0.277	0.277	0.276	0.278	0.57
42)	TM	1,2-Dichloroet...	0.514	0.527	0.529	0.521	0.518	0.524	0.522	1.09
43)	T	Isopropyl Acetate	0.749	0.783	0.783	0.796	0.837	0.847	0.799	4.63
44)	TM	Trichloroethene	0.424	0.368	0.371	0.372	0.379	0.376	0.382	5.51
45)	C	1,2-Dichloropr...	0.363	0.373	0.373	0.373	0.382	0.379	0.374	1.71#
46)	T	Dibromomethane	0.259	0.260	0.262	0.259	0.271	0.269	0.263	2.04
47)	T	Bromodichlorom...	0.425	0.436	0.468	0.489	0.517	0.521	0.476	8.43
48)	T	Methyl methacr...	0.368	0.383	0.402	0.399	0.424	0.416	0.398	5.20
49)	T	1,4-Dioxane	0.008	0.009	0.010	0.009	0.009	0.008	0.009	6.45
50)	S	Toluene-d8		1.270	1.185	1.235	1.237	1.230	1.231	2.48
51)	T	4-Methyl-2-Pen...	0.474	0.533	0.539	0.518	0.517	0.507	0.515	4.46
52)	CM	Toluene	0.844	0.869	0.861	0.863	0.887	0.896	0.870	2.16#
53)	T	t-1,3-Dichloro...	0.383	0.405	0.456	0.505	0.553	0.582	0.481	16.63
54)	T	cis-1,3-Dichlo...	0.475	0.463	0.536	0.568	0.603	0.616	0.543	11.81
55)	T	1,1,2-Trichlor...	0.346	0.369	0.363	0.361	0.365	0.366	0.362	2.28
56)	T	Ethyl methacry...	0.474	0.525	0.540	0.550	0.577	0.578	0.541	7.15

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57)	T	1,3-Dichloropr...	0.609	0.625	0.625	0.611	0.623	0.625	0.620	1.23
58)	T	2-Chloroethyl ...	0.262	0.261	0.300	0.321	0.335	0.345	0.304	11.92
59)	T	2-Hexanone	0.347	0.381	0.397	0.381	0.376	0.373	0.376	4.28
60)	T	Dibromochlorom...	0.318	0.310	0.339	0.361	0.382	0.397	0.351	9.93
61)	T	1,2-Dibromoethane	0.390	0.366	0.376	0.383	0.390	0.396	0.384	2.86
62)	S	4-Bromofluorob...		0.455	0.412	0.427	0.444	0.431	0.434	3.76
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.362	0.371	0.349	0.344	0.346	0.345	0.353	3.17
65)	PM	Chlorobenzene	1.058	1.057	1.036	1.035	1.057	1.063	1.051	1.17
66)	T	1,1,1,2-Tetrac...	0.312	0.331	0.352	0.362	0.385	0.391	0.355	8.60
67)	C	Ethyl Benzene	1.831	1.832	1.844	1.843	1.927	1.935	1.869	2.61#
68)	T	m/p-Xylenes	0.689	0.696	0.721	0.719	0.761	0.770	0.726	4.55
69)	T	o-Xylene	0.654	0.696	0.702	0.686	0.733	0.736	0.701	4.39
70)	T	Styrene	1.063	1.118	1.165	1.143	1.205	1.193	1.148	4.55
71)	P	Bromoform	0.211	0.222	0.248	0.265	0.291	0.292	0.255	13.45
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.352	3.803	3.764	3.858	3.977	3.856	3.768	5.74
74)	T	N-amyl acetate	1.175	1.404	1.531	1.575	1.632	1.626	1.490	11.76
75)	P	1,1,2,2-Tetrac...	1.296	1.295	1.310	1.276	1.254	1.225	1.276	2.47
76)	T	1,2,3-Trichlor...	0.978	1.198	1.050	1.044	1.014	1.114	1.067	7.38
77)	T	Bromobenzene	0.936	0.958	0.900	0.919	0.938	0.908	0.927	2.33
78)	T	n-propylbenzene	4.006	4.354	4.364	4.499	4.618	4.562	4.401	5.00
79)	T	2-Chlorotoluene	2.603	2.627	2.584	2.633	2.661	2.599	2.618	1.06
80)	T	1,3,5-Trimethy...	2.829	3.164	3.212	3.255	3.348	3.338	3.191	5.99
81)	T	trans-1,4-Dich...		0.232	0.288	0.335	0.385	0.397	0.327	20.94
82)	T	4-Chlorotoluene	2.923	2.992	2.988	3.077	3.162	3.143	3.048	3.11
83)	T	tert-Butylbenzene	2.773	2.988	3.033	3.105	3.191	3.259	3.058	5.61
84)	T	1,2,4-Trimethy...	2.913	3.134	3.181	3.210	3.271	3.234	3.157	4.07
85)	T	sec-Butylbenzene	3.584	3.783	3.889	3.955	4.054	3.980	3.874	4.36
86)	T	p-Isopropyltol...	3.006	3.203	3.200	3.340	3.402	3.357	3.251	4.49
87)	T	1,3-Dichlorobe...	1.743	1.703	1.663	1.699	1.725	1.688	1.703	1.64
88)	T	1,4-Dichlorobe...	1.812	1.755	1.727	1.693	1.718	1.703	1.735	2.51
89)	T	n-Butylbenzene	2.578	2.680	2.817	2.978	3.121	3.187	2.894	8.41
90)	T	Hexachloroethane	0.434	0.429	0.453	0.510	0.557	0.572	0.492	12.83
91)	T	1,2-Dichlorobe...	1.693	1.674	1.664	1.647	1.686	1.700	1.677	1.17
92)	T	1,2-Dibromo-3-...	0.196	0.218	0.243	0.251	0.270	0.277	0.242	12.76
93)	T	1,2,4-Trichlor...	1.066	0.946	0.989	1.034	1.078	1.086	1.033	5.38
94)	T	Hexachlorobuta...	0.490	0.428	0.395	0.405	0.412	0.410	0.423	8.09
95)	T	Naphthalene	3.253	3.090	3.425	3.507	3.592	3.612	3.413	6.01
96)	T	1,2,3-Trichlor...	0.993	0.930	0.990	1.023	1.046	1.065	1.008	4.78

(#) = Out of Range