Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X020423W.M
Title : SW846 8260
Last Update : Wed Feb 15 16:56:34 2023
Response Via : Initial Calibration

Calibration Files
1 =VX034009.D 5 =VX034010.D 20 =VX034011.D 50 =VX034012.D 100 =VX034013.D 150 =VX034014.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.395	0.372	0.429	0.435	0.440	0.367	0.406	7.97
3)	P	Chloromethane	0.388	0.365	0.402	0.396	0.403	0.347	0.384	5.90
4)	C	Vinyl Chloride	0.400	0.380	0.417	0.416	0.428	0.369	0.402	5.73#
5)	T	Bromomethane		0.206	0.233	0.208	0.205	0.183	0.207	8.59
6)	T	Chloroethane	0.238	0.209	0.228	0.235	0.244	0.180	0.222	10.71
7)	T	Trichlorofluor...	0.647	0.615	0.663	0.663	0.671	0.576	0.639	5.77
8)	T	Diethyl Ether	0.232	0.212	0.223	0.227	0.228	0.197	0.220	5.97
9)	T	1,1,2-Trichlor...	0.465	0.415	0.429	0.442	0.439	0.371	0.427	7.46
10)	T	Methyl Iodide		0.531	0.611	0.644	0.669	0.568	0.605	9.27
11)	T	Tert butyl alc...		0.069	0.064	0.067	0.073	0.064	0.068	5.69
12)	CM	1,1-Dichloroet...	0.432	0.404	0.416	0.423	0.420	0.361	0.409	6.16#
13)	T	Acrolein		0.088	0.089	0.092	0.097	0.087	0.091	4.56
14)	T	Allyl chloride	0.687	0.616	0.674	0.700	0.712	0.616	0.667	6.28
15)	T	Acrylonitrile	0.216	0.217	0.223	0.223	0.230	0.190	0.217	6.34
16)	T	Acetone	0.252	0.205	0.203	0.196	0.200	0.166	0.204	13.57
17)	T	Carbon Disulfide	1.149	0.937	1.018	1.076	1.107	0.945	1.039	8.37
18)	T	Methyl Acetate	0.633	0.563	0.663	0.669	0.687	0.584	0.633	7.84
19)	T	Methyl tert-bu...	1.225	1.212	1.280	1.324	1.358	1.176	1.262	5.56
20)	T	Methylene Chlo...	0.565	0.459	0.460	0.458	0.461	0.392	0.466	11.94
21)	T	trans-1,2-Dich...	0.477	0.437	0.456	0.454	0.459	0.391	0.446	6.63
22)	T	Diisopropyl ether	1.356	1.313	1.336	1.361	1.367	1.171	1.317	5.65
23)	T	Vinyl Acetate	0.935	0.976	1.033	1.069	1.077	0.928	1.003	6.58
24)	P	1,1-Dichloroet...	0.806	0.729	0.775	0.782	0.787	0.677	0.759	6.28
25)	T	2-Butanone	0.327	0.294	0.298	0.294	0.308	0.256	0.296	7.91
26)	T	2,2-Dichloropr...	0.531	0.514	0.553	0.579	0.607	0.539	0.554	6.11
27)	T	cis-1,2-Dichlo...	0.553	0.495	0.522	0.525	0.527	0.456	0.513	6.55
28)	T	Bromochloromet...	0.336	0.323	0.335	0.331	0.341	0.337	0.334	1.93
29)	T	Tetrahydrofuran	0.189	0.189	0.194	0.193	0.200	0.167	0.189	6.06
30)	C	Chloroform	0.813	0.804	0.801	0.813	0.816	0.701	0.791	5.67#
31)	T	Cyclohexane		0.710	0.724	0.732	0.728	0.616	0.702	6.95
32)	T	1,1,1-Trichlor...	0.675	0.636	0.687	0.711	0.738	0.643	0.681	5.76
33)	S	1,2-Dichloroet...		0.492	0.495	0.466	0.480	0.478	0.482	2.40
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.314	0.334	0.311	0.317	0.317	0.318	2.79
36)	T	1,1-Dichloropr...	0.477	0.413	0.442	0.451	0.447	0.387	0.436	7.26
37)	T	Ethyl Acetate	0.406	0.375	0.422	0.429	0.434	0.372	0.406	6.69
38)	T	Carbon Tetrach...	0.491	0.438	0.458	0.482	0.494	0.429	0.465	5.97
39)	T	Methylcyclohexane	0.581	0.530	0.545	0.571	0.575	0.493	0.549	6.15
40)	TM	Benzene	1.295	1.247	1.295	1.313	1.301	1.124	1.262	5.66
41)	T	Methacrylonitrile	0.216	0.224	0.235	0.236	0.245	0.216	0.229	5.08
42)	TM	1,2-Dichloroet...	0.428	0.418	0.440	0.445	0.451	0.391	0.429	5.19
43)	T	Isopropyl Acetate	0.552	0.603	0.649	0.680	0.709	0.611	0.634	8.97
44)	TM	Trichloroethene	0.403	0.381	0.389	0.398	0.404	0.351	0.388	5.16
45)	C	1,2-Dichloropr...	0.309	0.302	0.319	0.326	0.330	0.283	0.312	5.53#
46)	T	Dibromomethane	0.221	0.210	0.233	0.231	0.239	0.206	0.223	6.04
47)	T	Bromodichlorom...	0.395	0.398	0.435	0.450	0.461	0.400	0.423	6.85
48)	T	Methyl methacr...	0.296	0.309	0.338	0.351	0.361	0.308	0.327	8.09
49)	T	1,4-Dioxane	0.007	0.006	0.006	0.006	0.006	0.005	0.006	10.33
50)	S	Toluene-d8		1.149	1.193	1.119	1.145	1.126	1.147	2.53
51)	T	4-Methyl-2-Pen...	0.388	0.392	0.417	0.420	0.421	0.347	0.398	7.19
52)	CM	Toluene	0.825	0.804	0.853	0.846	0.851	0.730	0.818	5.76#
53)	T	t-1,3-Dichloro...	0.356	0.357	0.428	0.465	0.505	0.440	0.425	13.93
54)	T	cis-1,3-Dichlo...	0.435	0.432	0.486	0.525	0.549	0.477	0.484	9.76
55)	T	1,1,2-Trichlor...	0.333	0.313	0.342	0.340	0.341	0.292	0.327	6.15
56)	T	Ethyl methacry...	0.398	0.411	0.472	0.500	0.519	0.439	0.456	10.61

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57)	T	1,3-Dichloropr...	0.530	0.531	0.553	0.556	0.560	0.473	0.534	6.06
58)	T	2-Chloroethyl ...	0.200	0.205	0.213	0.225	0.227	0.204	0.212	5.28
59)	T	2-Hexanone	0.283	0.278	0.311	0.307	0.311	0.256	0.291	7.72
60)	T	Dibromochlorom...	0.343	0.325	0.366	0.388	0.403	0.347	0.362	8.14
61)	T	1,2-Dibromoethane	0.343	0.337	0.364	0.365	0.379	0.320	0.351	6.24
62)	S	4-Bromofluorob...		0.389	0.425	0.399	0.422	0.412	0.409	3.82
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.465	0.423	0.420	0.424	0.410	0.363	0.417	7.90
65)	PM	Chlorobenzene	1.051	1.032	1.054	1.071	1.061	0.927	1.033	5.18
66)	T	1,1,1,2-Tetrac...	0.387	0.364	0.397	0.413	0.413	0.367	0.390	5.54
67)	C	Ethyl Benzene	1.765	1.699	1.800	1.824	1.814	1.584	1.748	5.26#
68)	T	m/p-Xylenes	0.732	0.677	0.718	0.728	0.716	0.621	0.699	6.14
69)	T	o-Xylene	0.643	0.674	0.694	0.707	0.703	0.605	0.671	5.96
70)	T	Styrene	1.036	1.064	1.156	1.176	1.184	1.016	1.105	6.79
71)	P	Bromoform	0.274	0.278	0.324	0.346	0.366	0.321	0.318	11.53
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.272	3.345	3.553	3.484	3.428	2.968	3.342	6.23
74)	T	N-amyl acetate	0.884	1.010	1.162	1.208	1.246	1.095	1.101	12.30
75)	P	1,1,2,2-Tetrac...	1.085	1.014	1.048	1.012	1.008	0.864	1.005	7.47
76)	T	1,2,3-Trichlor...	0.905	0.880	0.952	0.823	0.810	0.781	0.859	7.54
77)	T	Bromobenzene	0.935	0.910	0.980	0.956	0.956	0.823	0.927	6.02
78)	T	n-propylbenzene	3.597	3.585	3.897	3.880	3.870	3.339	3.695	6.10
79)	T	2-Chlorotoluene	2.277	2.242	2.351	2.295	2.281	1.977	2.237	5.92
80)	T	1,3,5-Trimethy...	2.719	2.775	2.964	2.914	2.859	2.457	2.781	6.55
81)	T	trans-1,4-Dich...		0.217	0.264	0.299	0.327	0.287	0.279	14.81
82)	T	4-Chlorotoluene	2.487	2.537	2.663	2.628	2.615	2.251	2.530	5.98
83)	T	tert-Butylbenzene	2.814	2.812	3.002	2.950	3.030	2.633	2.874	5.20
84)	T	1,2,4-Trimethy...	2.699	2.722	2.956	2.895	2.907	2.495	2.779	6.26
85)	T	sec-Butylbenzene	3.323	3.383	3.570	3.631	3.603	3.119	3.438	5.82
86)	T	p-Isopropyltol...	2.931	2.897	3.174	3.165	3.161	2.765	3.015	5.79
87)	T	1,3-Dichlorobe...	1.762	1.689	1.744	1.743	1.749	1.514	1.700	5.56
88)	T	1,4-Dichlorobe...	1.912	1.703	1.743	1.731	1.741	1.527	1.726	7.11
89)	T	n-Butylbenzene	2.161	2.203	2.477	2.520	2.574	2.250	2.364	7.60
90)	T	Hexachloroethane	0.446	0.413	0.477	0.500	0.535	0.476	0.475	8.89
91)	T	1,2-Dichlorobe...	1.768	1.620	1.719	1.707	1.691	1.444	1.658	6.96
92)	T	1,2-Dibromo-3-...	0.189	0.169	0.199	0.211	0.223	0.196	0.198	9.43
93)	T	1,2,4-Trichlor...	1.164	1.049	1.196	1.233	1.264	1.125	1.172	6.64
94)	T	Hexachlorobuta...	0.706	0.532	0.561	0.571	0.585	0.525	0.580	11.33
95)	T	Naphthalene	2.943	2.915	3.353	3.459	3.558	3.087	3.219	8.52
96)	T	1,2,3-Trichlor...	1.218	1.094	1.197	1.215	1.239	1.098	1.177	5.45

(#) = Out of Range