Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D031122S.M
Title : SW846 8260
Last Update : Mon Mar 14 03:10:12 2022
Response Via : Initial Calibration

Calibration Files
10 =VD072144.D 5 =VD072150.D 20 =VD072145.D 50 =VD072146.D 100 =VD072147.D 150 =VD072148.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.460	0.468	0.482	0.498	0.454	0.413	0.462	6.26
3)	P	Chloromethane	0.391	0.390	0.391	0.449	0.437	0.408	0.411	6.32
4)	C	Vinyl Chloride	0.358	0.380	0.375	0.461	0.419	0.387	0.397	9.43#
5)	T	Bromomethane	0.252	0.284	0.242	0.274	0.260	0.239	0.258	6.89
6)	T	Chloroethane	0.245	0.256	0.247	0.296	0.274	0.256	0.262	7.35
7)	T	Trichlorofluor...	0.896	0.864	0.903	0.980	0.899	0.834	0.896	5.47
8)	T	Diethyl Ether	0.242	0.249	0.248	0.253	0.254	0.238	0.247	2.54
9)	T	1,1,2-Trichlor...	0.594	0.557	0.578	0.617	0.562	0.520	0.571	5.86
10)	T	Methyl Iodide	0.377	0.364	0.406	0.537	0.536	0.521	0.457	18.16
11)	T	Tert butyl alc...	0.035	0.035	0.034	0.029	0.031	0.030	0.032	9.24
12)	CM	1,1-Dichloroet...	0.439	0.428	0.439	0.515	0.483	0.454	0.460	7.22#
13)	T	Acrolein	0.030	0.030	0.036	0.025	0.027	0.025	0.029	14.23
14)	T	Allyl chloride	0.748	0.746	0.798	0.880	0.848	0.800	0.803	6.68
15)	T	Acrylonitrile	0.128	0.125	0.131	0.122	0.125	0.117	0.125	3.93
16)	T	Acetone	0.125	0.128	0.123	0.122	0.123	0.105	0.121	6.72
17)	T	Carbon Disulfide	0.737	0.708	0.753	1.223	1.143	1.059	0.937	24.58
18)	T	Methyl Acetate	0.340	0.308	0.338	0.263	0.265	0.264	0.296	12.51
19)	T	Methyl tert-bu...	1.214	1.215	1.287	1.281	1.284	1.213	1.249	3.08
20)	T	Methylene Chlo...	0.739	1.148	0.714	0.647	0.580	0.534	0.727	30.32
21)	T	trans-1,2-Dich...	0.484	0.462	0.477	0.579	0.541	0.507	0.508	8.71
22)	T	Diisopropyl ether	1.795	1.775	1.925	1.906	1.849	1.746	1.833	3.97
23)	T	Vinyl Acetate	0.858	0.851	0.927	1.014	1.015	0.946	0.935	7.72
24)	P	1,1-Dichloroet...	1.065	1.042	1.147	1.142	1.084	1.005	1.081	5.15
25)	T	2-Butanone	0.161	0.168	0.168	0.159	0.165	0.147	0.161	4.79
26)	T	2,2-Dichloropr...	0.975	0.949	1.008	1.032	0.970	0.917	0.975	4.19
27)	T	cis-1,2-Dichlo...	0.635	0.624	0.655	0.696	0.665	0.618	0.649	4.53
28)	T	Bromochloromet...	0.410	0.445	0.447	0.455	0.440	0.413	0.435	4.34
29)	T	Tetrahydrofuran	0.092	0.097	0.094	0.095	0.098	0.092	0.095	2.86
30)	C	Chloroform	1.181	1.158	1.202	1.190	1.126	1.052	1.151	4.83#
31)	T	Cyclohexane	0.790	0.894	0.798	0.978	0.919	0.844	0.871	8.44
32)	T	1,1,1-Trichlor...	1.027	0.985	1.062	1.084	1.024	0.954	1.023	4.70
33)	S	1,2-Dichloroet...	0.575	0.584	0.637	0.521	0.530	0.496	0.557	9.21
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.338	0.393	0.404	0.325	0.334	0.317	0.352	10.59
36)	T	1,1-Dichloropr...	0.477	0.442	0.480	0.558	0.524	0.481	0.494	8.31
37)	T	Ethyl Acetate	0.201	0.230	0.226	0.219	0.217	0.204	0.216	5.33
38)	T	Carbon Tetrach...	0.574	0.539	0.561	0.604	0.568	0.521	0.561	5.12
39)	T	Methylcyclohexane	0.477	0.478	0.512	0.655	0.628	0.582	0.555	13.90
40)	TM	Benzene	1.364	1.352	1.395	1.535	1.457	1.346	1.408	5.28
41)	T	Methacrylonitrile	0.121	0.107	0.143	0.130	0.135	0.120	0.126	10.24
42)	TM	1,2-Dichloroet...	0.425	0.425	0.443	0.443	0.431	0.396	0.427	4.10
43)	T	Isopropyl Acetate	0.406	0.418	0.429	0.421	0.434	0.410	0.420	2.57
44)	TM	Trichloroethene	0.398	0.364	0.397	0.432	0.407	0.375	0.395	6.07
45)	C	1,2-Dichloropr...	0.397	0.380	0.401	0.397	0.389	0.355	0.386	4.45#
46)	T	Dibromomethane	0.195	0.178	0.195	0.197	0.195	0.180	0.190	4.63
47)	T	Bromodichlorom...	0.573	0.554	0.582	0.567	0.544	0.502	0.554	5.21
48)	T	Methyl methacr...	0.190	0.182	0.187	0.217	0.223	0.205	0.200	8.41
49)	T	1,4-Dioxane	0.002	0.003	0.002	0.002	0.002	0.002	0.002	8.06
50)	S	Toluene-d8	1.269	1.286	1.481	1.242	1.260	1.182	1.287	7.90
51)	T	4-Methyl-2-Pen...	0.222	0.211	0.232	0.221	0.228	0.208	0.220	4.26
52)	CM	Toluene	0.903	0.858	0.917	1.024	0.964	0.893	0.927	6.37#
53)	T	t-1,3-Dichloro...	0.498	0.487	0.521	0.522	0.522	0.486	0.506	3.51
54)	T	cis-1,3-Dichlo...	0.582	0.554	0.594	0.612	0.603	0.564	0.585	3.90
55)	T	1,1,2-Trichlor...	0.312	0.284	0.307	0.289	0.283	0.260	0.289	6.45
56)	T	Ethyl methacry...	0.322	0.303	0.343	0.353	0.368	0.344	0.339	6.77

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D031122S.M

57)	T	1,3-Dichloropr...	0.492	0.484	0.505	0.492	0.492	0.449	0.486	3.94
58)	T	2-Chloroethyl ...	0.147	0.144	0.165	0.150	0.161	0.148	0.152	5.68
59)	T	2-Hexanone	0.149	0.145	0.158	0.153	0.161	0.147	0.152	4.16
60)	T	Dibromochlorom...	0.390	0.380	0.400	0.374	0.371	0.338	0.376	5.66
61)	T	1,2-Dibromoethane	0.259	0.260	0.272	0.269	0.267	0.243	0.262	3.98
62)	S	4-Bromofluorob...	0.516	0.528	0.585	0.469	0.464	0.438	0.500	10.70
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.347	0.344	0.350	0.392	0.354	0.327	0.352	6.10
65)	PM	Chlorobenzene	1.121	1.085	1.120	1.195	1.104	1.026	1.108	4.96
66)	T	1,1,1,2-Tetrac...	0.458	0.437	0.457	0.460	0.424	0.393	0.438	6.02
67)	C	Ethyl Benzene	1.900	1.880	1.958	2.192	2.053	1.896	1.980	6.15#
68)	T	m/p-Xylenes	0.735	0.678	0.756	0.838	0.780	0.723	0.752	7.22
69)	T	o-Xylene	0.689	0.652	0.731	0.799	0.747	0.695	0.719	7.18
70)	T	Styrene	1.242	1.185	1.279	1.353	1.285	1.188	1.256	5.11
71)	P	Bromoform	0.246	0.228	0.250	0.236	0.233	0.212	0.234	5.85
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.725	3.625	4.004	4.396	4.150	3.873	3.962	7.16
74)	T	N-amyl acetate	0.791	0.808	0.855	0.879	0.912	0.864	0.851	5.30
75)	P	1,1,2,2-Tetrac...	0.745	0.751	0.741	0.694	0.684	0.637	0.709	6.38
76)	T	1,2,3-Trichlor...	0.570	0.576	0.553	0.553	0.543	0.516	0.552	3.89
77)	T	Bromobenzene	0.883	0.876	0.903	0.934	0.902	0.852	0.892	3.12
78)	T	n-propylbenzene	4.665	4.358	4.963	5.304	4.943	4.644	4.813	6.81
79)	T	2-Chlorotoluene	2.803	2.643	2.816	2.959	2.808	2.668	2.783	4.13
80)	T	1,3,5-Trimethy...	3.371	3.216	3.571	3.654	3.412	3.200	3.404	5.39
81)	T	trans-1,4-Dich...	0.212	0.219	0.235	0.223	0.229	0.216	0.222	3.79
82)	T	4-Chlorotoluene	2.844	2.793	2.958	3.071	2.901	2.723	2.882	4.30
83)	T	tert-Butylbenzene	2.904	2.911	3.026	3.220	3.017	2.828	2.984	4.61
84)	T	1,2,4-Trimethy...	3.357	3.227	3.484	3.584	3.351	3.120	3.354	5.00
85)	T	sec-Butylbenzene	4.450	4.188	4.669	4.894	4.502	4.187	4.482	6.15
86)	T	p-Isopropyltol...	3.660	3.374	3.814	4.038	3.756	3.484	3.688	6.46
87)	T	1,3-Dichlorobe...	1.879	1.917	1.964	1.932	1.823	1.700	1.869	5.13
88)	T	1,4-Dichlorobe...	1.908	1.912	1.920	1.914	1.796	1.670	1.853	5.48
89)	T	n-Butylbenzene	3.458	3.224	3.620	3.887	3.599	3.303	3.515	6.85
90)	T	Hexachloroethane	0.736	0.689	0.766	0.752	0.720	0.674	0.723	4.99
91)	T	1,2-Dichlorobe...	1.672	1.685	1.699	1.662	1.585	1.474	1.630	5.27
92)	T	1,2-Dibromo-3-...	0.110	0.125	0.115	0.113	0.110	0.104	0.113	6.25
93)	T	1,2,4-Trichlor...	1.110	1.064	1.118	1.110	1.077	0.993	1.079	4.35
94)	T	Hexachlorobuta...	0.688	0.634	0.648	0.656	0.589	0.550	0.628	7.96
95)	T	Naphthalene	1.780	1.810	1.889	1.894	1.957	1.829	1.860	3.51
96)	T	1,2,3-Trichlor...	0.956	0.918	0.986	0.947	0.931	0.865	0.934	4.41

(#) = Out of Range