Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D122221S.M
Title : SW846 8260
Last Update : Thu Dec 23 08:20:24 2021
Response Via : Initial Calibration

Calibration Files
10 =VD071428.D 5 =VD071427.D 20 =VD071429.D 50 =VD071430.D 100 =VD071431.D 150 =VD071432.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.570	0.617	0.527	0.495	0.466	0.469	0.524	11.44
3)	P	Chloromethane	0.716	0.776	0.690	0.637	0.603	0.602	0.671	10.33
4)	C	Vinyl Chloride	0.842	0.908	0.844	0.757	0.740	0.734	0.804	8.79#
5)	T	Bromomethane	0.604	0.685	0.556	0.502	0.504	0.523	0.562	12.69
6)	T	Chloroethane	0.587	0.566	0.547	0.504	0.499	0.499	0.534	7.22
7)	T	Trichlorofluor...	1.018	1.080	1.002	0.938	0.931	0.937	0.984	6.07
8)	T	Diethyl Ether	0.286	0.322	0.288	0.272	0.268	0.254	0.282	8.27
9)	T	1,1,2-Trichlor...	0.628	0.640	0.571	0.535	0.529	0.534	0.573	8.69
10)	T	Methyl Iodide	0.504	0.477	0.521	0.605	0.601	0.632	0.557	11.45
11)	T	Tert butyl alc...	0.081	0.127	0.065	0.046	0.041	0.032	0.065	53.31
12)	CM	1,1-Dichloroet...	0.536	0.594	0.510	0.495	0.494	0.496	0.521	7.54#
13)	T	Acrolein	0.030	0.035	0.034	0.032	0.033	0.028	0.032	7.68
14)	T	Allyl chloride	1.014	1.032	0.979	0.953	0.952	0.982	0.985	3.28
15)	T	Acrylonitrile	0.136	0.146	0.144	0.140	0.142	0.124	0.139	5.88
16)	T	Acetone	0.147	0.185	0.160	0.177	0.180	0.151	0.167	9.74
17)	T	Carbon Disulfide	1.874	1.806	1.780	1.588	1.552	1.584	1.697	8.16
18)	T	Methyl Acetate	0.503	0.646	0.517	0.481	0.505	0.436	0.515	13.69
19)	T	Methyl tert-bu...	1.307	1.393	1.376	1.339	1.373	1.281	1.345	3.25
20)	T	Methylene Chlo...	0.946	1.330	0.798	0.630	0.587	0.576	0.811	35.97
21)	T	trans-1,2-Dich...	0.637	0.659	0.604	0.572	0.562	0.586	0.603	6.26
22)	T	Diisopropyl ether	2.022	1.999	2.027	1.977	2.018	1.992	2.006	0.98
23)	T	Vinyl Acetate	0.978	0.898	1.041	1.077	1.140	1.070	1.034	8.20
24)	P	1,1-Dichloroet...	1.222	1.240	1.153	1.101	1.085	1.098	1.150	5.85
25)	T	2-Butanone	0.185	0.212	0.194	0.203	0.218	0.183	0.199	7.24
26)	T	2,2-Dichloropr...	0.967	0.973	0.926	0.926	0.917	0.961	0.945	2.61
27)	T	cis-1,2-Dichlo...	0.662	0.690	0.686	0.651	0.657	0.657	0.667	2.46
28)	T	Bromochloromet...	0.458	0.526	0.473	0.482	0.455	0.433	0.471	6.74
29)	T	Tetrahydrofuran	0.117	0.123	0.122	0.121	0.127	0.108	0.120	5.57
30)	C	Chloroform	1.190	1.222	1.200	1.124	1.113	1.114	1.160	4.20#
31)	T	Cyclohexane	1.245	1.370	1.111	1.021	1.003	1.018	1.128	13.24
32)	T	1,1,1-Trichlor...	1.047	1.094	1.025	0.994	0.994	1.019	1.029	3.67
33)	S	1,2-Dichloroet...	0.631	0.673	0.692	0.674	0.671	0.643	0.664	3.39
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.327	0.326	0.347	0.337	0.345	0.334	0.336	2.66
36)	T	1,1-Dichloropr...	0.577	0.546	0.541	0.497	0.530	0.530	0.537	4.86
37)	T	Ethyl Acetate	0.247	0.225	0.256	0.249	0.280	0.231	0.248	7.80
38)	T	Carbon Tetrach...	0.546	0.524	0.517	0.506	0.539	0.546	0.530	3.13
39)	T	Methylcyclohexane	0.664	0.634	0.635	0.585	0.620	0.633	0.628	4.08
40)	TM	Benzene	1.533	1.480	1.445	1.352	1.419	1.431	1.443	4.21
41)	T	Methacrylonitrile	0.138	0.145	0.144	0.161	0.160	0.135	0.147	7.31
42)	TM	1,2-Dichloroet...	0.480	0.483	0.484	0.445	0.482	0.451	0.471	3.79
43)	T	Isopropyl Acetate	0.478	0.501	0.500	0.473	0.535	0.464	0.492	5.25
44)	TM	Trichloroethene	0.394	0.410	0.372	0.347	0.366	0.367	0.376	5.95
45)	C	1,2-Dichloropr...	0.384	0.404	0.377	0.348	0.374	0.360	0.375	5.19#
46)	T	Dibromomethane	0.208	0.223	0.209	0.200	0.212	0.191	0.207	5.17
47)	T	Bromodichlorom...	0.542	0.534	0.532	0.499	0.531	0.514	0.525	3.00
48)	T	Methyl methacr...	0.228	0.244	0.245	0.236	0.273	0.234	0.243	6.55
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.003	0.002	0.002	9.06
50)	S	Toluene-d8	1.213	1.198	1.291	1.272	1.336	1.309	1.270	4.27
51)	T	4-Methyl-2-Pen...	0.246	0.265	0.259	0.253	0.289	0.241	0.259	6.67
52)	CM	Toluene	0.945	0.906	0.925	0.854	0.936	0.934	0.917	3.65#
53)	T	t-1,3-Dichloro...	0.469	0.508	0.484	0.472	0.519	0.491	0.491	4.05
54)	T	cis-1,3-Dichlo...	0.586	0.542	0.572	0.536	0.588	0.578	0.567	3.99
55)	T	1,1,2-Trichlor...	0.262	0.267	0.271	0.250	0.273	0.253	0.263	3.52
56)	T	Ethyl methacry...	0.319	0.321	0.343	0.348	0.392	0.351	0.346	7.66

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57)	T	1,3-Dichloropr...	0.488	0.490	0.485	0.463	0.498	0.463	0.481	3.11
58)	T	2-Chloroethyl ...	0.146	0.175	0.172	0.161	0.177	0.162	0.166	7.12
59)	T	2-Hexanone	0.166	0.179	0.183	0.185	0.211	0.174	0.183	8.32
60)	T	Dibromochlorom...	0.319	0.322	0.344	0.321	0.347	0.327	0.330	3.78
61)	T	1,2-Dibromoethane	0.257	0.274	0.266	0.249	0.268	0.246	0.260	4.25
62)	S	4-Bromofluorob...	0.438	0.441	0.463	0.443	0.465	0.456	0.451	2.63
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.375	0.382	0.343	0.319	0.333	0.332	0.347	7.26
65)	PM	Chlorobenzene	1.073	1.065	1.009	0.985	1.014	1.006	1.026	3.45
66)	T	1,1,1,2-Tetrac...	0.371	0.389	0.366	0.368	0.381	0.374	0.375	2.31
67)	C	Ethyl Benzene	1.935	1.885	1.870	1.852	1.948	1.964	1.909	2.42#
68)	T	m/p-Xylenes	0.741	0.704	0.723	0.709	0.737	0.737	0.725	2.20
69)	T	o-Xylene	0.654	0.629	0.656	0.653	0.685	0.700	0.663	3.81
70)	T	Styrene	1.143	1.095	1.131	1.137	1.214	1.191	1.152	3.76
71)	P	Bromoform	0.193	0.195	0.209	0.206	0.220	0.193	0.203	5.41
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.026	3.811	3.740	3.629	3.911	4.012	3.855	4.07
74)	T	N-amyl acetate	0.972	1.008	1.011	1.038	1.132	1.046	1.034	5.26
75)	P	1,1,2,2-Tetrac...	0.738	0.709	0.708	0.670	0.717	0.640	0.697	5.12
76)	T	1,2,3-Trichlor...	0.615	0.650	0.572	0.562	0.609	0.556	0.594	6.20
77)	T	Bromobenzene	0.919	0.917	0.825	0.804	0.839	0.843	0.858	5.67
78)	T	n-propylbenzene	5.136	4.675	4.765	4.587	4.835	4.992	4.832	4.21
79)	T	2-Chlorotoluene	2.819	2.743	2.608	2.555	2.692	2.785	2.700	3.80
80)	T	1,3,5-Trimethy...	3.271	3.036	3.134	3.062	3.219	3.356	3.180	3.92
81)	T	trans-1,4-Dich...	0.191	0.243	0.206	0.201	0.217	0.203	0.210	8.64
82)	T	4-Chlorotoluene	2.877	2.797	2.772	2.656	2.796	2.908	2.801	3.17
83)	T	tert-Butylbenzene	2.798	2.628	2.658	2.626	2.749	2.842	2.717	3.40
84)	T	1,2,4-Trimethy...	3.217	3.074	3.057	3.002	3.217	3.314	3.147	3.82
85)	T	sec-Butylbenzene	4.321	4.039	4.081	3.948	4.169	4.294	4.142	3.55
86)	T	p-Isopropyltol...	3.497	3.288	3.386	3.295	3.521	3.634	3.437	4.00
87)	T	1,3-Dichlorobe...	1.818	1.859	1.703	1.608	1.677	1.699	1.727	5.41
88)	T	1,4-Dichlorobe...	1.789	1.786	1.693	1.573	1.650	1.672	1.694	4.90
89)	T	n-Butylbenzene	3.465	3.313	3.297	3.206	3.404	3.554	3.373	3.74
90)	T	Hexachloroethane	0.698	0.646	0.620	0.619	0.653	0.671	0.651	4.62
91)	T	1,2-Dichlorobe...	1.507	1.520	1.453	1.397	1.468	1.452	1.466	3.02
92)	T	1,2-Dibromo-3-...	0.111	0.150	0.121	0.110	0.125	0.109	0.121	13.18
93)	T	1,2,4-Trichlor...	0.944	0.893	0.887	0.861	0.890	0.885	0.893	3.06
94)	T	Hexachlorobuta...	0.502	0.504	0.481	0.456	0.458	0.470	0.479	4.42
95)	T	Naphthalene	1.585	1.677	1.708	1.694	1.846	1.694	1.701	4.93
96)	T	1,2,3-Trichlor...	0.798	0.804	0.767	0.741	0.778	0.747	0.773	3.36

(#) = Out of Range