Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D122220S.M
Title : SW846 8260
Last Update : Wed Dec 23 07:34:16 2020
Response Via : Initial Calibration

Calibration Files
10 =VD067936.D 5 =VD067935.D 20 =VD067937.D 50 =VD067938.D 100 =VD067939.D 150 =VD067940.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.493	0.595	0.482	0.494	0.481	0.510	0.509	8.47
3)	P	Chloromethane	0.751	0.822	0.758	0.628	0.616	0.603	0.696	13.26
4)	C	Vinyl Chloride	0.689	0.726	0.697	0.600	0.601	0.579	0.649	9.65#
5)	T	Bromomethane	0.515	0.585	0.511	0.405	0.413	0.374	0.467	17.52
6)	T	Chloroethane	0.446	0.464	0.429	0.363	0.353	0.338	0.399	13.53
7)	T	Trichlorofluor...	0.993	1.107	1.002	0.879	0.865	0.891	0.956	9.88
8)	T	Diethyl Ether	0.294	0.276	0.282	0.262	0.268	0.262	0.274	4.53
9)	T	1,1,2-Trichlor...	0.595	0.660	0.602	0.524	0.509	0.529	0.570	10.31
10)	T	Methyl Iodide	0.373	0.353	0.476	0.557	0.621	0.610	0.498	23.44
11)	T	Tert butyl alc...	0.062	0.084	0.047	0.030	0.027	0.027	0.046	50.20
12)	CM	1,1-Dichloroet...	0.574	0.575	0.575	0.514	0.518	0.524	0.547	5.64#
13)	T	Acrolein	0.039	0.042	0.040	0.037	0.038	0.035	0.038	5.93
14)	T	Allyl chloride	1.005	0.947	1.038	0.946	0.953	0.943	0.972	4.12
15)	T	Acrylonitrile	0.140	0.141	0.140	0.122	0.123	0.121	0.131	7.62
16)	T	Acetone	0.105	0.123	0.111	0.090	0.091	0.099	0.103	12.12
17)	T	Carbon Disulfide	1.987	2.012	1.999	1.833	1.803	1.796	1.905	5.49
18)	T	Methyl Acetate	0.337	0.333	0.331	0.282	0.276	0.269	0.305	10.52
19)	T	Methyl tert-bu...	1.111	1.119	1.208	1.102	1.146	1.134	1.137	3.37
20)	T	Methylene Chlo...	1.028	1.290	0.887	0.668	0.628	0.595	0.849	32.21
21)	T	trans-1,2-Dich...	0.677	0.680	0.691	0.633	0.628	0.611	0.653	5.11
22)	T	Diisopropyl ether	2.071	1.809	2.207	1.928	1.901	1.831	1.958	7.83
23)	T	Vinyl Acetate	0.960	0.857	1.081	1.006	1.041	1.025	0.995	7.89
24)	P	1,1-Dichloroet...	1.252	1.293	1.290	1.104	1.098	1.074	1.185	8.73
25)	T	2-Butanone	0.155	0.161	0.163	0.142	0.146	0.146	0.152	5.78
26)	T	2,2-Dichloropr...	0.977	1.003	0.992	0.860	0.880	0.891	0.934	6.80
27)	T	cis-1,2-Dichlo...	0.702	0.718	0.737	0.672	0.691	0.668	0.698	3.78
28)	T	Bromochloromet...	0.429	0.519	0.469	0.443	0.419	0.403	0.447	9.33
29)	T	Tetrahydrofuran	0.105	0.104	0.111	0.098	0.100	0.099	0.103	4.82
30)	C	Chloroform	1.270	1.179	1.272	1.111	1.091	1.042	1.161	8.28#
31)	T	Cyclohexane	1.132	1.309	1.141	0.991	1.008	1.042	1.104	10.73
32)	T	1,1,1-Trichlor...	1.075	1.059	1.058	0.919	0.923	0.932	0.994	7.71
33)	S	1,2-Dichloroet...	0.618	0.569	0.624	0.481	0.485	0.462	0.540	13.48
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.342	0.304	0.341	0.295	0.306	0.302	0.315	6.62
36)	T	1,1-Dichloropr...	0.545	0.547	0.545	0.508	0.510	0.534	0.531	3.33
37)	T	Ethyl Acetate	0.232	0.197	0.240	0.205	0.206	0.210	0.215	7.91
38)	T	Carbon Tetrach...	0.509	0.567	0.526	0.463	0.483	0.498	0.508	7.14
39)	T	Methylcyclohexane	0.595	0.613	0.580	0.562	0.622	0.684	0.609	6.98
40)	TM	Benzene	1.602	1.540	1.582	1.480	1.526	1.519	1.542	2.87
41)	T	Methacrylonitrile	0.129	0.095	0.140	0.116	0.125	0.121	0.121	12.29
42)	TM	1,2-Dichloroet...	0.443	0.447	0.450	0.383	0.391	0.381	0.416	8.16
43)	T	Isopropyl Acetate	0.394	0.379	0.408	0.381	0.404	0.403	0.395	3.15
44)	TM	Trichloroethene	0.400	0.390	0.397	0.360	0.380	0.393	0.386	3.81
45)	C	1,2-Dichloropr...	0.418	0.388	0.418	0.369	0.382	0.380	0.392	5.25#
46)	T	Dibromomethane	0.199	0.198	0.201	0.177	0.185	0.185	0.191	5.01
47)	T	Bromodichlorom...	0.528	0.532	0.539	0.490	0.501	0.498	0.515	4.04
48)	T	Methyl methacr...	0.188	0.191	0.223	0.199	0.210	0.213	0.204	6.76
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.97
50)	S	Toluene-d8	1.263	1.130	1.298	1.077	1.163	1.174	1.184	6.97
51)	T	4-Methyl-2-Pen...	0.204	0.199	0.214	0.199	0.205	0.205	0.204	2.66
52)	CM	Toluene	0.947	0.924	0.989	0.920	0.962	0.968	0.952	2.79#
53)	T	t-1,3-Dichloro...	0.467	0.451	0.486	0.448	0.468	0.473	0.466	3.01
54)	T	cis-1,3-Dichlo...	0.578	0.571	0.602	0.549	0.574	0.580	0.576	2.96
55)	T	1,1,2-Trichlor...	0.269	0.281	0.285	0.248	0.260	0.256	0.267	5.50
56)	T	Ethyl methacry...	0.268	0.260	0.308	0.297	0.329	0.336	0.300	10.40

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57)	T	1,3-Dichloropr...	0.483	0.470	0.491	0.449	0.456	0.464	0.469	3.45
58)	T	2-Chloroethyl ...	0.125	0.142	0.140	0.160	0.169	0.168	0.151	11.65
59)	T	2-Hexanone	0.131	0.125	0.141	0.131	0.138	0.140	0.134	4.67
60)	T	Dibromochlorom...	0.343	0.325	0.357	0.309	0.322	0.326	0.330	5.20
61)	T	1,2-Dibromoethane	0.270	0.257	0.266	0.239	0.247	0.255	0.256	4.46
62)	S	4-Bromofluorob...	0.437	0.395	0.436	0.369	0.396	0.396	0.405	6.59
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.365	0.400	0.357	0.316	0.324	0.342	0.351	8.71
65)	PM	Chlorobenzene	1.136	1.085	1.123	1.003	1.052	1.071	1.079	4.50
66)	T	1,1,1,2-Tetrac...	0.383	0.412	0.397	0.361	0.380	0.378	0.385	4.58
67)	C	Ethyl Benzene	1.901	1.842	1.976	1.848	1.973	2.002	1.924	3.62#
68)	T	m/p-Xylenes	0.735	0.682	0.767	0.706	0.748	0.761	0.733	4.51
69)	T	o-Xylene	0.653	0.580	0.679	0.640	0.688	0.696	0.656	6.53
70)	T	Styrene	1.119	0.998	1.210	1.121	1.175	1.178	1.134	6.63
71)	P	Bromoform	0.199	0.210	0.197	0.184	0.188	0.189	0.195	4.84
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.547	3.421	3.803	3.497	3.874	4.126	3.711	7.27
74)	T	N-amyl acetate	0.823	0.808	0.878	0.803	0.851	0.893	0.842	4.46
75)	P	1,1,2,2-Tetrac...	0.751	0.714	0.728	0.622	0.649	0.667	0.689	7.28
76)	T	1,2,3-Trichlor...	0.459	0.479	0.353	0.405	0.410	0.419	0.421	10.51
77)	T	Bromobenzene	0.861	0.796	0.884	0.808	0.853	0.890	0.849	4.58
78)	T	n-propylbenzene	4.474	4.417	4.763	4.383	4.689	4.956	4.613	4.91
79)	T	2-Chlorotoluene	2.615	2.494	2.709	2.459	2.609	2.753	2.606	4.42
80)	T	1,3,5-Trimethy...	3.060	2.808	3.223	2.941	3.148	3.313	3.082	6.04
81)	T	trans-1,4-Dich...	0.217	0.182	0.212	0.190	0.207	0.224	0.205	7.80
82)	T	4-Chlorotoluene	2.790	2.655	2.864	2.577	2.721	2.828	2.739	3.99
83)	T	tert-Butylbenzene	2.374	2.318	2.546	2.425	2.685	2.863	2.535	8.19
84)	T	1,2,4-Trimethy...	3.159	2.687	3.265	2.983	3.153	3.300	3.091	7.34
85)	T	sec-Butylbenzene	3.620	3.443	3.849	3.489	3.780	4.076	3.709	6.45
86)	T	p-Isopropyltol...	3.192	3.002	3.254	3.114	3.399	3.624	3.264	6.77
87)	T	1,3-Dichlorobe...	1.735	1.759	1.745	1.557	1.639	1.692	1.688	4.58
88)	T	1,4-Dichlorobe...	1.725	1.690	1.789	1.522	1.602	1.673	1.667	5.64
89)	T	n-Butylbenzene	3.092	3.105	3.221	3.073	3.314	3.622	3.238	6.47
90)	T	Hexachloroethane	0.665	0.652	0.685	0.614	0.681	0.705	0.667	4.75
91)	T	1,2-Dichlorobe...	1.467	1.409	1.455	1.338	1.389	1.469	1.421	3.67
92)	T	1,2-Dibromo-3-...	0.116	0.134	0.109	0.089	0.096	0.101	0.108	14.87
93)	T	1,2,4-Trichlor...	0.814	0.794	0.845	0.775	0.857	0.977	0.844	8.53
94)	T	Hexachlorobuta...	0.486	0.504	0.506	0.435	0.489	0.541	0.494	7.02
95)	T	Naphthalene	1.312	1.235	1.491	1.430	1.644	1.835	1.491	14.78
96)	T	1,2,3-Trichlor...	0.702	0.691	0.754	0.665	0.741	0.821	0.729	7.64

(#) = Out of Range