Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D081321S.M
Title : SW846 8260
Last Update : Sat Aug 14 02:32:09 2021
Response Via : Initial Calibration

Calibration Files
10 =VD070042.D 5 =VD070041.D 20 =VD070043.D 50 =VD070044.D 100 =VD070045.D 150 =VD070046.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.697	0.689	0.684	0.475	0.453	0.436	0.572	22.64
3)	P	Chloromethane	0.899	0.921	0.878	0.700	0.666	0.649	0.785	16.11
4)	C	Vinyl Chloride	0.941	0.986	0.927	0.770	0.741	0.712	0.846	13.98#
5)	T	Bromomethane	0.603	0.684	0.557	0.465	0.452	0.434	0.532	18.62
6)	T	Chloroethane	0.599	0.633	0.574	0.502	0.474	0.462	0.541	13.09
7)	T	Trichlorofluor...	1.122	1.219	1.074	0.939	0.892	0.852	1.016	14.20
8)	T	Diethyl Ether	0.290	0.279	0.296	0.293	0.292	0.296	0.291	2.18
9)	T	1,1,2-Trichlor...	0.694	0.785	0.683	0.598	0.568	0.552	0.647	13.84
10)	T	Methyl Iodide	0.504	0.495	0.604	0.634	0.663	0.647	0.591	12.46
11)	T	Tert butyl alc...	0.036	0.039	0.032	0.030	0.029	0.029	0.033	12.11
12)	CM	1,1-Dichloroet...	0.618	0.653	0.612	0.572	0.562	0.547	0.594	6.77#
13)	T	Acrolein	0.039	0.037	0.038	0.037	0.036	0.037	0.037	2.82
14)	T	Allyl chloride	0.858	0.851	0.910	0.904	0.898	0.897	0.886	2.83
15)	T	Acrylonitrile	0.131	0.135	0.138	0.138	0.133	0.133	0.135	2.07
16)	T	Acetone	0.111	0.126	0.112	0.107	0.099	0.094	0.108	10.30
17)	T	Carbon Disulfide	2.333	2.362	2.285	2.059	1.949	1.898	2.148	9.52
18)	T	Methyl Acetate	0.323	0.341	0.344	0.324	0.304	0.302	0.323	5.50
19)	T	Methyl tert-bu...	1.167	1.111	1.249	1.301	1.278	1.292	1.233	6.25
20)	T	Methylene Chlo...	1.212	1.510	1.022	0.727	0.683	0.656	0.968	35.58
21)	T	trans-1,2-Dich...	0.709	0.728	0.720	0.687	0.655	0.642	0.690	5.12
22)	T	Diisopropyl ether	1.782	1.599	2.013	1.986	1.908	1.897	1.864	8.20
23)	T	Vinyl Acetate	0.742	0.655	0.843	0.936	0.944	0.949	0.845	14.58
24)	P	1,1-Dichloroet...	1.326	1.394	1.337	1.243	1.187	1.165	1.275	7.14
25)	T	2-Butanone	0.145	0.140	0.150	0.154	0.149	0.150	0.148	3.34
26)	T	2,2-Dichloropr...	1.035	1.048	1.033	0.979	0.939	0.924	0.993	5.37
27)	T	cis-1,2-Dichlo...	0.730	0.729	0.758	0.739	0.724	0.716	0.733	1.98
28)	T	Bromochloromet...	0.526	0.487	0.509	0.428	0.431	0.404	0.464	10.69
29)	T	Tetrahydrofuran	0.091	0.088	0.100	0.102	0.101	0.099	0.097	6.25
30)	C	Chloroform	1.328	1.378	1.299	1.224	1.158	1.139	1.254	7.68#
31)	T	Cyclohexane	1.200	1.268	1.205	1.122	1.103	1.086	1.164	6.13
32)	T	1,1,1-Trichlor...	1.086	1.168	1.089	1.026	0.966	0.954	1.048	7.82
33)	S	1,2-Dichloroet...	0.637	0.635	0.572	0.575	0.548	0.561	0.588	6.48
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.350	0.323	0.318	0.322	0.313	0.312	0.323	4.32
36)	T	1,1-Dichloropr...	0.538	0.553	0.573	0.537	0.522	0.504	0.538	4.45
37)	T	Ethyl Acetate	0.198	0.176	0.202	0.209	0.196	0.191	0.195	5.71
38)	T	Carbon Tetrach...	0.490	0.514	0.522	0.486	0.465	0.453	0.488	5.52
39)	T	Methylcyclohexane	0.577	0.605	0.636	0.643	0.658	0.639	0.626	4.79
40)	TM	Benzene	1.562	1.653	1.621	1.565	1.503	1.457	1.560	4.66
41)	T	Methacrylonitrile	0.118	0.086	0.102	0.104	0.106	0.118	0.106	11.28
42)	TM	1,2-Dichloroet...	0.407	0.426	0.418	0.398	0.380	0.369	0.400	5.54
43)	T	Isopropyl Acetate	0.366	0.340	0.379	0.372	0.370	0.362	0.365	3.73
44)	TM	Trichloroethene	0.388	0.400	0.396	0.370	0.357	0.350	0.377	5.50
45)	C	1,2-Dichloropr...	0.413	0.418	0.425	0.406	0.391	0.378	0.405	4.37#
46)	T	Dibromomethane	0.201	0.202	0.211	0.196	0.189	0.182	0.197	5.17
47)	T	Bromodichlorom...	0.521	0.530	0.534	0.509	0.485	0.477	0.509	4.60
48)	T	Methyl methacr...	0.164	0.146	0.179	0.186	0.186	0.182	0.174	9.08
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.06
50)	S	Toluene-d8	1.267	1.204	1.231	1.283	1.280	1.273	1.256	2.52
51)	T	4-Methyl-2-Pen...	0.181	0.168	0.199	0.203	0.198	0.190	0.190	6.98
52)	CM	Toluene	0.924	0.923	0.997	0.982	0.951	0.921	0.950	3.47#
53)	T	t-1,3-Dichloro...	0.441	0.429	0.467	0.462	0.451	0.456	0.451	3.11
54)	T	cis-1,3-Dichlo...	0.531	0.523	0.574	0.547	0.548	0.564	0.547	3.52
55)	T	1,1,2-Trichlor...	0.284	0.303	0.287	0.280	0.264	0.255	0.279	6.07
56)	T	Ethyl methacry...	0.281	0.258	0.320	0.344	0.353	0.348	0.317	12.41

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57)	T	1,3-Dichloropr...	0.474	0.492	0.505	0.492	0.471	0.463	0.483	3.31
58)	T	2-Chloroethyl ...	0.152	0.128	0.165	0.190	0.187	0.183	0.167	14.41
59)	T	2-Hexanone	0.120	0.105	0.133	0.139	0.136	0.130	0.127	9.83
60)	T	Dibromochlorom...	0.328	0.337	0.331	0.316	0.306	0.299	0.319	4.67
61)	T	1,2-Dibromoethane	0.250	0.248	0.268	0.258	0.249	0.242	0.252	3.71
62)	S	4-Bromofluorob...	0.405	0.392	0.407	0.420	0.427	0.432	0.414	3.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.334	0.367	0.338	0.317	0.296	0.283	0.323	9.45
65)	PM	Chlorobenzene	1.069	1.109	1.074	1.048	0.998	0.970	1.045	4.95
66)	T	1,1,1,2-Tetrac...	0.378	0.394	0.388	0.373	0.352	0.341	0.371	5.60
67)	C	Ethyl Benzene	1.743	1.756	1.899	1.951	1.893	1.841	1.847	4.51#
68)	T	m/p-Xylenes	0.696	0.661	0.760	0.750	0.725	0.703	0.716	5.15
69)	T	o-Xylene	0.593	0.572	0.673	0.685	0.681	0.670	0.646	7.68
70)	T	Styrene	1.059	0.971	1.197	1.223	1.187	1.150	1.131	8.56
71)	P	Bromoform	0.183	0.186	0.192	0.185	0.171	0.167	0.181	5.22
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.376	3.258	3.732	3.852	3.821	3.839	3.646	7.17
74)	T	N-amyl acetate	0.749	0.667	0.779	0.843	0.841	0.838	0.786	8.90
75)	P	1,1,2,2-Tetrac...	0.755	0.750	0.768	0.722	0.695	0.674	0.728	5.08
76)	T	1,2,3-Trichlor...	0.491	0.529	0.597	0.486	0.475	0.463	0.507	9.78
77)	T	Bromobenzene	0.795	0.789	0.836	0.830	0.803	0.802	0.809	2.35
78)	T	n-propylbenzene	4.382	4.242	4.918	5.036	4.844	4.791	4.702	6.73
79)	T	2-Chlorotoluene	2.617	2.542	2.793	2.807	2.731	2.743	2.705	3.86
80)	T	1,3,5-Trimethy...	2.958	2.650	3.283	3.292	3.233	3.209	3.104	8.18
81)	T	trans-1,4-Dich...	0.184	0.159	0.199	0.215	0.206	0.209	0.195	10.65
82)	T	4-Chlorotoluene	2.781	2.658	2.975	2.951	2.831	2.801	2.833	4.13
83)	T	tert-Butylbenzene	2.319	2.248	2.563	2.665	2.677	2.666	2.523	7.59
84)	T	1,2,4-Trimethy...	2.904	2.606	3.273	3.309	3.195	3.189	3.079	8.84
85)	T	sec-Butylbenzene	3.826	3.650	4.187	4.262	4.210	4.119	4.042	6.10
86)	T	p-Isopropyltol...	3.012	2.807	3.402	3.523	3.460	3.391	3.266	8.80
87)	T	1,3-Dichlorobe...	1.742	1.739	1.792	1.743	1.660	1.641	1.719	3.33
88)	T	1,4-Dichlorobe...	1.744	1.789	1.778	1.708	1.607	1.593	1.703	4.98
89)	T	n-Butylbenzene	2.914	2.899	3.254	3.445	3.372	3.345	3.205	7.46
90)	T	Hexachloroethane	0.700	0.714	0.711	0.683	0.665	0.662	0.689	3.30
91)	T	1,2-Dichlorobe...	1.515	1.467	1.556	1.482	1.417	1.402	1.473	3.95
92)	T	1,2-Dibromo-3-...	0.107	0.123	0.113	0.107	0.101	0.101	0.109	7.63
93)	T	1,2,4-Trichlor...	0.760	0.795	0.824	0.852	0.837	0.848	0.819	4.36
94)	T	Hexachlorobuta...	0.469	0.502	0.499	0.491	0.473	0.470	0.484	3.15
95)	T	Naphthalene	1.246	1.301	1.433	1.604	1.653	1.711	1.491	12.96
96)	T	1,2,3-Trichlor...	0.665	0.692	0.716	0.750	0.724	0.744	0.715	4.50

(#) = Out of Range