Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D101521S.M
Title : SW846 8260
Last Update : Mon Oct 18 08:32:03 2021
Response Via : Initial Calibration

Calibration Files
10 =VD070711.D 5 =VD070710.D 20 =VD070712.D 50 =VD070713.D 100 =VD070714.D 150 =VD070715.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.604	0.653	0.567	0.577	0.556	0.550	0.585	6.60
3)	P	Chloromethane	0.902	0.989	0.843	0.835	0.819	0.817	0.867	7.76
4)	C	Vinyl Chloride	0.909	0.974	0.876	0.877	0.850	0.846	0.889	5.36#
5)	T	Bromomethane	0.594	0.670	0.523	0.498	0.484	0.484	0.542	13.85
6)	T	Chloroethane	0.581	0.629	0.552	0.550	0.525	0.521	0.560	7.19
7)	T	Trichlorofluor...	1.090	1.117	0.996	0.976	0.928	0.922	1.005	8.15
8)	T	Diethyl Ether	0.246	0.259	0.254	0.268	0.283	0.295	0.268	6.85
9)	T	1,1,2-Trichlor...	0.629	0.696	0.592	0.577	0.560	0.553	0.601	8.92
10)	T	Methyl Iodide	0.463	0.423	0.490	0.622	0.649	0.653	0.550	18.69
11)	T	Tert butyl alc...	0.036	0.039	0.031	0.031	0.031	0.031	0.033	10.62
12)	CM	1,1-Dichloroet...	0.536	0.599	0.524	0.530	0.533	0.539	0.544	5.10#
13)	T	Acrolein	0.034	0.036	0.032	0.029	0.031	0.031	0.032	8.14
14)	T	Allyl chloride	0.981	0.969	0.964	1.052	1.098	1.109	1.029	6.43
15)	T	Acrylonitrile	0.137	0.135	0.133	0.144	0.147	0.149	0.141	4.78
16)	T	Acetone	0.133	0.143	0.123	0.155	0.153	0.150	0.143	8.81
17)	T	Carbon Disulfide	1.960	2.105	1.882	2.021	1.959	1.956	1.980	3.81
18)	T	Methyl Acetate	0.495	0.537	0.473	0.491	0.485	0.498	0.497	4.34
19)	T	Methyl tert-bu...	1.049	1.035	1.103	1.249	1.296	1.319	1.175	10.87
20)	T	Methylene Chlo...	1.069	1.551	0.861	0.722	0.675	0.654	0.922	37.38
21)	T	trans-1,2-Dich...	0.614	0.625	0.607	0.639	0.630	0.625	0.623	1.84
22)	T	Diisopropyl ether	1.886	1.664	1.999	2.157	2.161	2.150	2.003	9.95
23)	T	Vinyl Acetate	0.822	0.746	0.856	1.039	1.103	1.112	0.946	16.67
24)	P	1,1-Dichloroet...	1.279	1.324	1.247	1.240	1.200	1.197	1.248	3.88
25)	T	2-Butanone	0.167	0.164	0.159	0.184	0.190	0.194	0.176	8.51
26)	T	2,2-Dichloropr...	1.013	1.056	0.960	0.969	0.962	0.962	0.987	3.99
27)	T	cis-1,2-Dichlo...	0.649	0.674	0.628	0.679	0.687	0.694	0.669	3.79
28)	T	Bromochloromet...	0.535	0.536	0.531	0.473	0.457	0.444	0.496	8.56
29)	T	Tetrahydrofuran	0.101	0.092	0.098	0.114	0.121	0.124	0.108	12.18
30)	C	Chloroform	1.278	1.338	1.213	1.189	1.155	1.141	1.219	6.23#
31)	T	Cyclohexane	1.197	1.318	1.118	1.189	1.190	1.176	1.198	5.48
32)	T	1,1,1-Trichlor...	1.067	1.150	1.017	1.004	0.989	0.977	1.034	6.27
33)	S	1,2-Dichloroet...	0.611	0.685	0.609	0.561	0.548	0.541	0.592	9.19
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.334	0.338	0.329	0.309	0.304	0.306	0.320	4.80
36)	T	1,1-Dichloropr...	0.551	0.533	0.550	0.569	0.570	0.568	0.557	2.67
37)	T	Ethyl Acetate	0.225	0.172	0.224	0.251	0.251	0.261	0.231	13.99
38)	T	Carbon Tetrach...	0.559	0.537	0.512	0.544	0.525	0.524	0.533	3.16
39)	T	Methylcyclohexane	0.554	0.565	0.582	0.685	0.690	0.692	0.628	10.76
40)	TM	Benzene	1.602	1.566	1.574	1.650	1.607	1.625	1.604	1.96
41)	T	Methacrylonitrile	0.137	0.092	0.114	0.158	0.144	0.150	0.132	18.87
42)	TM	1,2-Dichloroet...	0.469	0.450	0.451	0.463	0.449	0.450	0.455	1.89
43)	T	Isopropyl Acetate	0.407	0.383	0.419	0.465	0.472	0.495	0.440	9.86
44)	TM	Trichloroethene	0.373	0.388	0.370	0.375	0.373	0.381	0.377	1.79
45)	C	1,2-Dichloropr...	0.428	0.404	0.423	0.437	0.424	0.427	0.424	2.56#
46)	T	Dibromomethane	0.206	0.199	0.199	0.208	0.203	0.203	0.203	1.81
47)	T	Bromodichlorom...	0.547	0.537	0.533	0.540	0.534	0.540	0.538	0.92
48)	T	Methyl methacr...	0.198	0.176	0.196	0.232	0.241	0.252	0.216	13.89
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.41
50)	S	Toluene-d8	1.175	1.208	1.311	1.220	1.225	1.225	1.227	3.67
51)	T	4-Methyl-2-Pen...	0.217	0.191	0.217	0.251	0.255	0.261	0.232	12.12
52)	CM	Toluene	0.925	0.829	0.947	1.015	1.003	1.012	0.955	7.56#
53)	T	t-1,3-Dichloro...	0.462	0.439	0.449	0.500	0.505	0.531	0.481	7.54
54)	T	cis-1,3-Dichlo...	0.555	0.508	0.556	0.588	0.611	0.637	0.576	7.97
55)	T	1,1,2-Trichlor...	0.283	0.276	0.273	0.283	0.274	0.284	0.279	1.81
56)	T	Ethyl methacry...	0.272	0.262	0.304	0.361	0.390	0.407	0.333	18.61

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57)	T	1,3-Dichloropr...	0.490	0.447	0.492	0.509	0.510	0.520	0.495	5.29
58)	T	2-Chloroethyl ...	0.127	0.129	0.139	0.152	0.163	0.170	0.147	12.32
59)	T	2-Hexanone	0.148	0.132	0.150	0.181	0.182	0.188	0.163	14.10
60)	T	Dibromochlorom...	0.320	0.317	0.309	0.323	0.322	0.332	0.320	2.30
61)	T	1,2-Dibromoethane	0.254	0.242	0.244	0.261	0.261	0.268	0.255	4.00
62)	S	4-Bromofluorob...	0.407	0.410	0.426	0.422	0.434	0.436	0.423	2.86
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.352	0.342	0.330	0.334	0.332	0.325	0.336	2.92
65)	PM	Chlorobenzene	1.002	1.017	1.034	1.034	1.033	1.033	1.025	1.31
66)	T	1,1,1,2-Tetrac...	0.386	0.387	0.374	0.377	0.379	0.373	0.379	1.62
67)	C	Ethyl Benzene	1.754	1.628	1.827	1.997	2.035	2.009	1.875	8.82#
68)	T	m/p-Xylenes	0.667	0.600	0.711	0.761	0.767	0.756	0.710	9.32
69)	T	o-Xylene	0.587	0.547	0.619	0.685	0.714	0.714	0.644	10.87
70)	T	Styrene	1.015	0.891	1.121	1.223	1.241	1.228	1.120	12.68
71)	P	Bromoform	0.197	0.196	0.192	0.198	0.200	0.200	0.197	1.56
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.204	3.062	3.374	3.826	3.906	4.002	3.563	11.19
74)	T	N-amyl acetate	0.837	0.791	0.855	0.965	1.037	1.080	0.927	12.65
75)	P	1,1,2,2-Tetrac...	0.723	0.677	0.675	0.718	0.705	0.731	0.705	3.39
76)	T	1,2,3-Trichlor...	0.451	0.452	0.431	0.357	0.433	0.467	0.432	9.03
77)	T	Bromobenzene	0.752	0.782	0.759	0.839	0.842	0.865	0.807	5.98
78)	T	n-propylbenzene	4.301	3.962	4.493	5.022	4.985	5.022	4.631	9.69
79)	T	2-Chlorotoluene	2.559	2.395	2.563	2.806	2.837	2.898	2.676	7.43
80)	T	1,3,5-Trimethy...	2.766	2.480	2.921	3.262	3.298	3.341	3.012	11.55
81)	T	trans-1,4-Dich...	0.190	0.170	0.167	0.209	0.216	0.231	0.197	13.18
82)	T	4-Chlorotoluene	2.739	2.561	2.817	2.931	2.969	2.968	2.831	5.68
83)	T	tert-Butylbenzene	2.285	2.126	2.321	2.634	2.767	2.799	2.489	11.31
84)	T	1,2,4-Trimethy...	2.732	2.414	2.962	3.256	3.290	3.312	2.994	12.16
85)	T	sec-Butylbenzene	3.664	3.346	3.811	4.175	4.234	4.239	3.911	9.37
86)	T	p-Isopropyltol...	2.846	2.638	3.008	3.411	3.484	3.481	3.145	11.59
87)	T	1,3-Dichlorobe...	1.700	1.644	1.670	1.709	1.727	1.712	1.694	1.82
88)	T	1,4-Dichlorobe...	1.675	1.688	1.670	1.660	1.667	1.674	1.672	0.56
89)	T	n-Butylbenzene	2.858	2.855	2.988	3.428	3.484	3.429	3.174	9.57
90)	T	Hexachloroethane	0.682	0.725	0.667	0.669	0.659	0.670	0.679	3.52
91)	T	1,2-Dichlorobe...	1.425	1.407	1.433	1.480	1.467	1.472	1.448	2.06
92)	T	1,2-Dibromo-3-...	0.119	0.116	0.109	0.105	0.110	0.114	0.112	4.40
93)	T	1,2,4-Trichlor...	0.782	0.732	0.772	0.864	0.910	0.907	0.828	9.14
94)	T	Hexachlorobuta...	0.528	0.574	0.535	0.551	0.539	0.530	0.543	3.16
95)	T	Naphthalene	1.175	1.112	1.209	1.499	1.685	1.755	1.406	19.79
96)	T	1,2,3-Trichlor...	0.672	0.694	0.668	0.778	0.799	0.803	0.736	8.75

(#) = Out of Range