Response Factor Report MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W081125S.M
Title : SW846 8260
Last Update : Tue Aug 12 04:04:48 2025
Response Via : Initial Calibration

Calibration Files
5 =VW032052.D 10 =VW032053.D 20 =VW032054.D 50 =VW032055.D 100 =VW032056.D 150 =VW032057.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.399	0.383	0.385	0.336	0.317	0.325	0.358	9.94
3)	P	Chloromethane	0.549	0.482	0.501	0.438	0.452	0.469	0.482	8.23
4)	C	Vinyl Chloride	0.622	0.621	0.646	0.530	0.540	0.537	0.583	8.96#
5)	T	Bromomethane	0.482	0.452	0.462	0.411	0.413	0.403	0.437	7.45
6)	T	Chloroethane	0.409	0.389	0.408	0.367	0.373	0.368	0.386	5.01
7)	T	Trichlorofluor...	0.545	0.436	0.439	0.464	0.413	0.504	0.467	10.57
8)	T	Diethyl Ether	0.391	0.382	0.392	0.380	0.372	0.378	0.382	2.05
9)	T	1,1,2-Trichlor...	0.616	0.566	0.588	0.517	0.507	0.510	0.551	8.37
10)	T	Methyl Iodide	0.789	0.788	0.836	0.748	0.759	0.764	0.781	4.05
11)	T	Tert butyl alc...	0.047	0.048	0.042	0.050	0.045	0.049	0.047	6.50
12)	CM	1,1-Dichloroet...	0.650	0.620	0.649	0.575	0.568	0.577	0.606	6.31#
13)	T	Acrolein	0.087	0.083	0.073	0.071	0.067	0.067	0.075	11.40
14)	T	Allyl chloride	0.887	0.868	0.918	0.862	0.870	0.891	0.883	2.35
15)	T	Acrylonitrile	0.180	0.189	0.170	0.192	0.175	0.187	0.182	4.66
16)	T	Acetone	0.203	0.181	0.151	0.163	0.148	0.157	0.167	12.57
17)	T	Carbon Disulfide	1.694	1.616	1.727	1.557	1.567	1.605	1.628	4.23
18)	T	Methyl Acetate	0.485	0.604	0.491	0.555	0.494	0.551	0.530	8.98
19)	T	Methyl tert-bu...	1.022	1.063	1.085	1.102	1.070	1.068	1.068	2.49
20)	T	Methylene Chlo...	1.043	0.787	0.840	0.681	0.644	0.649	0.774	19.85
21)	T	trans-1,2-Dich...	0.650	0.641	0.673	0.627	0.636	0.634	0.644	2.55
22)	T	Diisopropyl ether	1.724	1.866	1.939	1.888	1.874	1.871	1.860	3.87
23)	T	Vinyl Acetate	1.104	1.150	1.217	1.299	1.266	1.293	1.222	6.56
24)	P	1,1-Dichloroet...	1.193	1.200	1.249	1.157	1.173	1.161	1.189	2.88
25)	T	2-Butanone	0.233	0.241	0.217	0.255	0.233	0.249	0.238	5.68
26)	T	2,2-Dichloropr...	0.635	0.610	0.606	0.579	0.563	0.585	0.596	4.32
27)	T	cis-1,2-Dichlo...	0.711	0.736	0.772	0.749	0.775	0.769	0.752	3.35
28)	T	Bromochloromet...	0.561	0.542	0.549	0.543	0.521	0.529	0.541	2.63
29)	T	Tetrahydrofuran	0.150	0.159	0.145	0.171	0.153	0.163	0.157	5.96
30)	C	Chloroform	1.267	1.269	1.324	1.235	1.243	1.223	1.260	2.87#
31)	T	Cyclohexane	1.170	1.080	1.073	0.961	0.941	0.958	1.031	8.88
32)	T	1,1,1-Trichlor...	0.960	0.949	0.965	0.872	0.869	0.878	0.915	5.14
33)	S	1,2-Dichloroet...	0.746	0.748	0.720	0.716	0.712	0.697	0.723	2.75
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.336	0.328	0.326	0.325	0.313	0.311	0.323	2.97
36)	T	1,1-Dichloropr...	0.458	0.457	0.472	0.467	0.439	0.439	0.455	3.00
37)	T	Ethyl Acetate	0.268	0.270	0.241	0.294	0.261	0.276	0.268	6.54
38)	T	Carbon Tetrach...	0.441	0.440	0.451	0.448	0.426	0.430	0.439	2.21
39)	T	Methylcyclohexane	0.525	0.540	0.568	0.578	0.540	0.578	0.555	4.12
40)	TM	Benzene	1.399	1.423	1.439	1.469	1.365	1.398	1.415	2.56
41)	T	Methacrylonitrile	0.139	0.137	0.146	0.167	0.160	0.162	0.152	8.40
42)	TM	1,2-Dichloroet...	0.461	0.467	0.458	0.466	0.429	0.436	0.453	3.59
43)	T	Isopropyl Acetate	0.469	0.481	0.460	0.538	0.486	0.526	0.493	6.37
44)	TM	Trichloroethene	0.353	0.334	0.342	0.339	0.319	0.335	0.337	3.34
45)	C	1,2-Dichloropr...	0.339	0.342	0.352	0.352	0.327	0.339	0.342	2.77#
46)	T	Dibromomethane	0.230	0.219	0.219	0.229	0.209	0.219	0.221	3.39
47)	T	Bromodichlorom...	0.501	0.499	0.505	0.532	0.498	0.516	0.509	2.60
48)	T	Methyl methacr...	0.211	0.230	0.223	0.266	0.238	0.261	0.238	9.10
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.50
50)	S	Toluene-d8	1.175	1.180	1.207	1.245	1.184	1.178	1.195	2.28
51)	T	4-Methyl-2-Pen...	0.265	0.284	0.258	0.312	0.265	0.287	0.279	7.26
52)	CM	Toluene	0.837	0.882	0.910	0.932	0.887	0.902	0.892	3.63#
53)	T	t-1,3-Dichloro...	0.430	0.450	0.464	0.515	0.483	0.517	0.476	7.39
54)	T	cis-1,3-Dichlo...	0.499	0.516	0.530	0.581	0.552	0.566	0.541	5.78
55)	T	1,1,2-Trichlor...	0.297	0.296	0.292	0.306	0.282	0.288	0.293	2.78
56)	T	Ethyl methacry...	0.339	0.363	0.366	0.440	0.410	0.437	0.392	10.78

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57)	T	1,3-Dichloropr...	0.510	0.524	0.506	0.533	0.486	0.509	0.511	3.15
58)	T	2-Chloroethyl ...	0.198	0.208	0.206	0.241	0.223	0.227	0.217	7.42
59)	T	2-Hexanone	0.178	0.194	0.177	0.220	0.187	0.202	0.193	8.48
60)	T	Dibromochlorom...	0.322	0.327	0.330	0.349	0.332	0.349	0.335	3.49
61)	T	1,2-Dibromoethane	0.282	0.283	0.276	0.299	0.283	0.287	0.285	2.67
62)	S	4-Bromofluorob...	0.428	0.431	0.444	0.460	0.438	0.441	0.440	2.60
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.293	0.301	0.295	0.279	0.275	0.290	0.289	3.46
65)	PM	Chlorobenzene	1.112	1.116	1.097	1.068	1.043	1.093	1.088	2.58
66)	T	1,1,1,2-Tetrac...	0.333	0.341	0.342	0.339	0.327	0.355	0.340	2.85
67)	C	Ethyl Benzene	1.714	1.806	1.921	1.870	1.830	1.921	1.843	4.27#
68)	T	m/p-Xylenes	0.645	0.707	0.754	0.731	0.702	0.730	0.711	5.25
69)	T	o-Xylene	0.578	0.639	0.673	0.681	0.675	0.699	0.657	6.65
70)	T	Styrene	1.004	1.135	1.226	1.211	1.181	1.249	1.168	7.65
71)	P	Bromoform	0.186	0.189	0.184	0.206	0.188	0.212	0.194	6.05
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.910	3.454	3.525	3.657	3.595	3.825	3.494	8.96
74)	T	N-amyl acetate	0.829	0.983	0.903	1.113	1.048	1.140	1.003	12.11
75)	P	1,1,2,2-Tetrac...	0.803	0.871	0.769	0.872	0.794	0.870	0.830	5.62
76)	T	1,2,3-Trichlor...	0.702	0.703	0.672	0.769	0.578	0.648	0.679	9.43
77)	T	Bromobenzene	0.746	0.873	0.802	0.873	0.860	0.852	0.835	6.07
78)	T	n-propylbenzene	3.663	4.310	4.404	4.500	4.396	4.539	4.302	7.52
79)	T	2-Chlorotoluene	2.380	2.674	2.664	2.741	2.695	2.776	2.655	5.31
80)	T	1,3,5-Trimethy...	2.519	2.982	3.000	3.103	3.023	3.172	2.967	7.77
81)	T	trans-1,4-Dich...	0.230	0.246	0.229	0.289	0.274	0.305	0.262	12.22
82)	T	4-Chlorotoluene	2.579	2.850	2.857	2.905	2.804	2.931	2.821	4.49
83)	T	tert-Butylbenzene	2.031	2.395	2.537	2.583	2.550	2.675	2.462	9.34
84)	T	1,2,4-Trimethy...	2.533	3.053	3.137	3.198	3.013	3.185	3.020	8.25
85)	T	sec-Butylbenzene	3.263	3.631	3.824	3.858	3.796	3.961	3.722	6.70
86)	T	p-Isopropyltol...	2.637	3.049	3.202	3.295	3.123	3.313	3.103	8.03
87)	T	1,3-Dichlorobe...	1.546	1.721	1.684	1.752	1.583	1.679	1.661	4.83
88)	T	1,4-Dichlorobe...	1.653	1.733	1.739	1.673	1.625	1.646	1.678	2.83
89)	T	n-Butylbenzene	2.606	2.979	3.064	3.181	3.052	3.206	3.015	7.21
90)	T	Hexachloroethane	0.527	0.556	0.565	0.567	0.567	0.624	0.568	5.55
91)	T	1,2-Dichlorobe...	1.455	1.558	1.490	1.528	1.450	1.544	1.504	3.07
92)	T	1,2-Dibromo-3-...	0.151	0.146	0.131	0.159	0.141	0.157	0.147	7.12
93)	T	1,2,4-Trichlor...	0.794	0.878	0.905	0.920	0.937	0.966	0.900	6.63
94)	T	Hexachlorobuta...	0.412	0.413	0.397	0.385	0.383	0.424	0.402	4.10
95)	T	Naphthalene	1.760	2.104	2.001	2.430	2.327	2.608	2.205	14.02
96)	T	1,2,3-Trichlor...	0.714	0.791	0.804	0.836	0.866	0.903	0.819	8.04

(#) = Out of Range