Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D071321S.M
Title : SW846 8260
Last Update : Wed Jul 14 06:00:31 2021
Response Via : Initial Calibration

Calibration Files
10 =VD069664.D 5 =VD069663.D 20 =VD069665.D 50 =VD069666.D 100 =VD069667.D 150 =VD0696
68.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.404	0.612	0.356	0.567	0.547	0.504	0.498	19.88
3)	P	Chloromethane	0.610	0.873	0.563	0.759	0.740	0.684	0.705	15.78
4)	C	Vinyl Chloride	0.690	0.899	0.625	0.824	0.793	0.733	0.761	12.91#
5)	T	Bromomethane	0.512	0.648	0.424	0.482	0.488	0.448	0.500	15.72
6)	T	Chloroethane	0.471	0.556	0.432	0.512	0.498	0.452	0.487	9.21
7)	T	Trichlorofluor...	0.961	1.111	0.850	1.001	0.954	0.878	0.959	9.72
8)	T	Diethyl Ether	0.270	0.284	0.240	0.293	0.310	0.282	0.280	8.46
9)	T	1,1,2-Trichlor...	0.583	0.698	0.544	0.619	0.591	0.534	0.595	9.98
10)	T	Methyl Iodide	0.427	0.518	0.426	0.645	0.684	0.624	0.554	20.40
11)	T	Tert butyl alc...	0.106	0.194	0.078	0.045	0.044	0.033	0.083	72.62
12)	CM	1,1-Dichloroet...	0.518	0.585	0.457	0.599	0.580	0.534	0.545	9.84#
13)	T	Acrolein	0.046	0.042	0.045	0.040	0.045	0.039	0.043	6.40
14)	T	Allyl chloride	0.763	0.802	0.744	0.911	0.952	0.882	0.843	10.06
15)	T	Acrylonitrile	0.122	0.130	0.106	0.133	0.144	0.126	0.127	10.05
16)	T	Acetone	0.125	0.148	0.098	0.110	0.114	0.088	0.114	18.59
17)	T	Carbon Disulfide	1.509	2.222	1.370	2.119	2.045	1.874	1.857	18.59
18)	T	Methyl Acetate	0.466	0.373	0.410	0.288	0.309	0.269	0.352	21.88
19)	T	Methyl tert-bu...	0.995	1.086	0.955	1.288	1.375	1.227	1.154	14.59
20)	T	Methylene Chlo...	1.180	2.249	0.912	0.830	0.763	0.641	1.096	54.14
21)	T	trans-1,2-Dich...	0.624	0.732	0.571	0.686	0.678	0.616	0.651	8.94
22)	T	Diisopropyl ether	1.499	1.628	1.525	1.988	2.013	1.825	1.746	13.05
23)	T	Vinyl Acetate	0.646	0.571	0.652	1.005	1.109	0.984	0.828	27.83
24)	P	1,1-Dichloroet...	1.233	1.322	1.123	1.270	1.234	1.129	1.219	6.46
25)	T	2-Butanone	0.148	0.144	0.133	0.151	0.167	0.141	0.148	7.85
26)	T	2,2-Dichloropr...	0.984	1.057	0.910	0.988	0.991	0.903	0.972	5.91
27)	T	cis-1,2-Dichlo...	0.667	0.743	0.628	0.743	0.746	0.687	0.702	7.04
28)	T	Bromochloromet...	0.454	0.512	0.419	0.490	0.498	0.450	0.470	7.52
29)	T	Tetrahydrofuran	0.082	0.088	0.073	0.100	0.110	0.095	0.091	14.55
30)	C	Chloroform	1.243	1.323	1.159	1.247	1.206	1.095	1.212	6.49#
31)	T	Cyclohexane	0.878	1.258	0.782	1.140	1.129	1.036	1.037	17.14
32)	T	1,1,1-Trichlor...	1.054	1.150	0.955	1.050	1.020	0.938	1.028	7.46
33)	S	1,2-Dichloroet...	0.671	0.679	0.622	0.619	0.596	0.558	0.624	7.31
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.352	0.341	0.340	0.345	0.327	0.308	0.335	4.68
36)	T	1,1-Dichloropr...	0.487	0.548	0.457	0.564	0.539	0.499	0.516	8.03
37)	T	Ethyl Acetate	0.196	0.186	0.178	0.208	0.217	0.187	0.195	7.62
38)	T	Carbon Tetrach...	0.462	0.494	0.427	0.510	0.485	0.455	0.472	6.40
39)	T	Methylcyclohexane	0.422	0.563	0.424	0.666	0.661	0.616	0.559	19.93
40)	TM	Benzene	1.420	1.553	1.363	1.622	1.548	1.420	1.488	6.76
41)	T	Methacrylonitrile	0.091	0.108	0.086	0.106	0.115	0.100	0.101	10.65
42)	TM	1,2-Dichloroet...	0.412	0.437	0.372	0.422	0.414	0.367	0.404	6.98
43)	T	Isopropyl Acetate	0.354	0.328	0.325	0.379	0.401	0.357	0.357	8.20
44)	TM	Trichloroethene	0.346	0.390	0.335	0.384	0.369	0.341	0.361	6.50
45)	C	1,2-Dichloropr...	0.380	0.415	0.370	0.417	0.403	0.362	0.391	6.03#
46)	T	Dibromomethane	0.187	0.202	0.178	0.202	0.200	0.177	0.191	6.17
47)	T	Bromodichlorom...	0.515	0.518	0.485	0.529	0.517	0.471	0.506	4.45
48)	T	Methyl methacr...	0.150	0.141	0.145	0.193	0.205	0.181	0.169	16.12
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	15.14
50)	S	Toluene-d8	1.303	1.258	1.309	1.384	1.310	1.255	1.303	3.60
51)	T	4-Methyl-2-Pen...	0.178	0.157	0.172	0.202	0.216	0.185	0.185	11.36
52)	CM	Toluene	0.834	0.838	0.828	1.007	0.966	0.896	0.895	8.53#
53)	T	t-1,3-Dichloro...	0.406	0.415	0.397	0.452	0.467	0.415	0.425	6.50
54)	T	cis-1,3-Dichlo...	0.518	0.501	0.489	0.537	0.563	0.525	0.522	4.97
55)	T	1,1,2-Trichlor...	0.266	0.280	0.254	0.278	0.277	0.246	0.267	5.40
56)	T	Ethyl methacry...	0.261	0.241	0.265	0.349	0.378	0.335	0.305	18.41

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57)	T	1,3-Dichloropr...	0.479	0.466	0.437	0.503	0.499	0.445	0.471	5.80
58)	T	2-Chloroethyl ...	0.114	0.106	0.129	0.147	0.170	0.150	0.136	17.96
59)	T	2-Hexanone	0.112	0.103	0.113	0.137	0.149	0.125	0.123	13.90
60)	T	Dibromochlorom...	0.327	0.306	0.298	0.323	0.322	0.292	0.311	4.73
61)	T	1,2-Dibromoethane	0.252	0.249	0.231	0.258	0.263	0.232	0.248	5.36
62)	S	4-Bromofluorob...	0.422	0.408	0.432	0.458	0.457	0.431	0.435	4.55
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.308	0.336	0.288	0.318	0.302	0.279	0.305	6.71
65)	PM	Chlorobenzene	0.988	1.032	0.950	1.056	1.027	0.942	0.999	4.66
66)	T	1,1,1,2-Tetrac...	0.368	0.359	0.341	0.371	0.365	0.335	0.357	4.24
67)	C	Ethyl Benzene	1.637	1.652	1.627	1.974	1.936	1.787	1.769	8.83#
68)	T	m/p-Xylenes	0.609	0.605	0.633	0.755	0.731	0.680	0.669	9.54
69)	T	o-Xylene	0.536	0.539	0.548	0.690	0.697	0.644	0.609	12.61
70)	T	Styrene	0.967	0.888	1.004	1.216	1.202	1.101	1.063	12.43
71)	P	Bromoform	0.178	0.167	0.166	0.180	0.184	0.163	0.173	5.15
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.211	3.194	3.352	3.998	3.912	3.694	3.560	9.99
74)	T	N-amyl acetate	0.726	0.677	0.689	0.840	0.904	0.806	0.774	11.72
75)	P	1,1,2,2-Tetrac...	0.767	0.717	0.670	0.721	0.737	0.643	0.709	6.37
76)	T	1,2,3-Trichlor...	0.495	0.478	0.468	0.509	0.516	0.449	0.486	5.25
77)	T	Bromobenzene	0.781	0.770	0.747	0.845	0.828	0.769	0.790	4.81
78)	T	n-propylbenzene	4.077	4.014	4.329	5.152	4.956	4.557	4.514	10.29
79)	T	2-Chlorotoluene	2.559	2.466	2.518	2.922	2.825	2.634	2.654	6.83
80)	T	1,3,5-Trimethy...	2.769	2.619	2.919	3.408	3.327	3.076	3.020	10.28
81)	T	trans-1,4-Dich...	0.177	0.160	0.174	0.183	0.209	0.182	0.181	8.94
82)	T	4-Chlorotoluene	2.707	2.649	2.676	3.027	2.932	2.719	2.785	5.59
83)	T	tert-Butylbenzene	2.235	2.193	2.303	2.737	2.745	2.558	2.462	10.18
84)	T	1,2,4-Trimethy...	2.732	2.596	2.911	3.382	3.303	3.052	2.996	10.38
85)	T	sec-Butylbenzene	3.424	3.547	3.662	4.389	4.247	3.944	3.869	10.10
86)	T	p-Isopropyltol...	2.843	2.705	3.063	3.573	3.495	3.227	3.151	11.03
87)	T	1,3-Dichlorobe...	1.616	1.669	1.562	1.744	1.692	1.559	1.640	4.53
88)	T	1,4-Dichlorobe...	1.659	1.719	1.566	1.719	1.650	1.517	1.638	5.01
89)	T	n-Butylbenzene	2.807	2.823	2.939	3.520	3.464	3.178	3.122	10.14
90)	T	Hexachloroethane	0.588	0.686	0.587	0.685	0.669	0.633	0.641	7.15
91)	T	1,2-Dichlorobe...	1.409	1.423	1.350	1.504	1.466	1.334	1.414	4.64
92)	T	1,2-Dibromo-3-...	0.115	0.107	0.096	0.107	0.112	0.097	0.106	7.29
93)	T	1,2,4-Trichlor...	0.728	0.737	0.753	0.850	0.862	0.789	0.786	7.33
94)	T	Hexachlorobuta...	0.438	0.511	0.459	0.503	0.484	0.449	0.474	6.28
95)	T	Naphthalene	1.242	1.216	1.216	1.552	1.753	1.578	1.426	16.23
96)	T	1,2,3-Trichlor...	0.638	0.621	0.631	0.721	0.752	0.690	0.675	7.98

(#) = Out of Range