Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D042722S.M
Title : SW846 8260
Last Update : Wed Apr 27 14:36:42 2022
Response Via : Initial Calibration

Calibration Files
10 =VD072712.D 5 =VD072711.D 20 =VD072713.D 50 =VD072714.D 100 =VD072715.D 150 =VD072716.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.625	0.725	0.776	0.570	0.685	0.708	0.681	10.81
3)	P	Chloromethane	0.737	0.833	0.860	0.646	0.755	0.787	0.770	9.88
4)	C	Vinyl Chloride	0.665	0.749	0.763	0.580	0.690	0.715	0.694	9.57#
5)	T	Bromomethane	0.444	0.517	0.477	0.384	0.441	0.426	0.448	10.09
6)	T	Chloroethane	0.392	0.471	0.461	0.358	0.414	0.430	0.421	10.07
7)	T	Trichlorofluor...	1.012	1.187	1.220	0.930	1.139	1.171	1.110	10.25
8)	T	Diethyl Ether	0.337	0.334	0.360	0.293	0.316	0.334	0.329	6.84
9)	T	1,1,2-Trichlor...	0.582	0.656	0.707	0.533	0.659	0.659	0.633	10.02
10)	T	Methyl Iodide	0.556	0.594	0.711	0.603	0.772	0.815	0.675	15.72
11)	T	Tert butyl alc...	0.097	0.101	0.069	0.044	0.037	0.038	0.064	45.47
12)	CM	1,1-Dichloroet...	0.538	0.619	0.647	0.506	0.613	0.630	0.592	9.55#
13)	T	Acrolein	0.065	0.059	0.065	0.049	0.047	0.052	0.056	14.37
14)	T	Allyl chloride	0.959	0.974	1.049	0.869	1.057	1.108	1.003	8.57
15)	T	Acrylonitrile	0.166	0.151	0.169	0.140	0.143	0.151	0.153	7.63
16)	T	Acetone	0.148	0.144	0.131	0.121	0.112	0.126	0.130	10.52
17)	T	Carbon Disulfide	1.831	2.060	2.189	1.730	2.035	2.091	1.989	8.71
18)	T	Methyl Acetate	0.412	0.379	0.412	0.328	0.348	0.371	0.375	8.98
19)	T	Methyl tert-bu...	1.509	1.393	1.631	1.366	1.473	1.535	1.484	6.54
20)	T	Methylene Chlo...	1.810	2.819	1.361	0.847	0.810	0.767	1.402	57.38
21)	T	trans-1,2-Dich...	0.666	0.726	0.763	0.601	0.721	0.718	0.699	8.16
22)	T	Diisopropyl ether	2.125	2.042	2.411	1.983	2.186	2.235	2.164	7.04
23)	T	Vinyl Acetate	1.256	1.113	1.333	1.139	1.216	1.274	1.222	6.85
24)	P	1,1-Dichloroet...	1.235	1.320	1.416	1.119	1.268	1.298	1.276	7.70
25)	T	2-Butanone	0.215	0.197	0.204	0.177	0.177	0.195	0.194	7.82
26)	T	2,2-Dichloropr...	0.990	1.067	1.112	0.910	1.097	1.140	1.052	8.24
27)	T	cis-1,2-Dichlo...	0.737	0.771	0.850	0.684	0.800	0.807	0.775	7.53
28)	T	Bromochloromet...	0.525	0.485	0.485	0.488	0.505	0.493	0.497	3.10
29)	T	Tetrahydrofuran	0.132	0.114	0.128	0.116	0.118	0.126	0.122	5.92
30)	C	Chloroform	1.311	1.355	1.459	1.156	1.311	1.319	1.319	7.41#
31)	T	Cyclohexane	1.060	1.252	1.234	0.964	1.184	1.220	1.152	9.97
32)	T	1,1,1-Trichlor...	1.032	1.131	1.213	0.962	1.174	1.193	1.117	8.93
33)	S	1,2-Dichloroet...	0.715	0.658	0.733	0.583	0.634	0.660	0.664	8.24
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.349	0.295	0.374	0.297	0.340	0.342	0.333	9.30
36)	T	1,1-Dichloropr...	0.498	0.564	0.616	0.486	0.587	0.596	0.558	9.63
37)	T	Ethyl Acetate	0.281	0.248	0.256	0.240	0.238	0.262	0.254	6.36
38)	T	Carbon Tetrach...	0.503	0.590	0.612	0.478	0.594	0.606	0.564	10.26
39)	T	Methylcyclohexane	0.537	0.606	0.697	0.563	0.720	0.754	0.646	13.86
40)	TM	Benzene	1.475	1.651	1.738	1.385	1.633	1.649	1.588	8.28
41)	T	Methacrylonitrile	0.151	0.144	0.151	0.136	0.144	0.149	0.146	3.86
42)	TM	1,2-Dichloroet...	0.544	0.510	0.542	0.435	0.476	0.497	0.501	8.28
43)	T	Isopropyl Acetate	0.509	0.439	0.520	0.452	0.470	0.507	0.483	6.97
44)	TM	Trichloroethene	0.407	0.429	0.461	0.358	0.430	0.437	0.420	8.32
45)	C	1,2-Dichloropr...	0.403	0.419	0.445	0.368	0.413	0.417	0.411	6.13#
46)	T	Dibromomethane	0.249	0.234	0.252	0.209	0.219	0.232	0.233	7.07
47)	T	Bromodichlorom...	0.589	0.593	0.653	0.526	0.589	0.599	0.591	6.84
48)	T	Methyl methacr...	0.259	0.196	0.257	0.230	0.247	0.264	0.242	10.59
49)	T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.002	0.002	0.003	9.38
50)	S	Toluene-d8	1.193	1.010	1.345	1.043	1.305	1.306	1.200	12.02
51)	T	4-Methyl-2-Pen...	0.270	0.224	0.272	0.234	0.237	0.252	0.248	7.97
52)	CM	Toluene	0.927	0.975	1.069	0.886	1.042	1.056	0.992	7.57#
53)	T	t-1,3-Dichloro...	0.563	0.512	0.594	0.491	0.546	0.569	0.546	6.96
54)	T	cis-1,3-Dichlo...	0.649	0.608	0.705	0.575	0.630	0.652	0.637	6.93
55)	T	1,1,2-Trichlor...	0.335	0.331	0.341	0.275	0.296	0.301	0.313	8.45
56)	T	Ethyl methacry...	0.361	0.300	0.393	0.353	0.383	0.412	0.367	10.65

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57)	T	1,3-Dichloropr...	0.563	0.513	0.587	0.483	0.523	0.536	0.534	6.92
58)	T	2-Chloroethyl ...	0.158	0.132	0.170	0.183	0.192	0.207	0.174	15.33
59)	T	2-Hexanone	0.177	0.142	0.178	0.163	0.161	0.177	0.166	8.45
60)	T	Dibromochlorom...	0.404	0.392	0.413	0.340	0.370	0.387	0.385	6.82
61)	T	1,2-Dibromoethane	0.315	0.288	0.321	0.273	0.285	0.301	0.297	6.26
62)	S	4-Bromofluorob...	0.470	0.406	0.498	0.400	0.466	0.477	0.453	8.90
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.307	0.354	0.370	0.302	0.362	0.363	0.343	8.83
65)	PM	Chlorobenzene	1.050	1.107	1.180	0.978	1.149	1.157	1.104	6.94
66)	T	1,1,1,2-Tetrac...	0.409	0.404	0.443	0.369	0.426	0.433	0.414	6.34
67)	C	Ethyl Benzene	1.694	1.790	2.050	1.763	2.151	2.179	1.938	11.02#
68)	T	m/p-Xylenes	0.636	0.669	0.812	0.683	0.819	0.815	0.739	11.46
69)	T	o-Xylene	0.601	0.636	0.745	0.648	0.779	0.781	0.698	11.36
70)	T	Styrene	1.034	1.029	1.303	1.120	1.315	1.331	1.189	12.11
71)	P	Bromoform	0.228	0.229	0.238	0.201	0.215	0.222	0.222	5.80
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.211	3.457	3.973	3.536	4.341	4.414	3.822	12.98
74)	T	N-amyl acetate	0.984	0.858	0.994	0.965	1.027	1.097	0.987	7.97
75)	P	1,1,2,2-Tetrac...	0.810	0.782	0.819	0.727	0.712	0.746	0.766	5.79
76)	T	1,2,3-Trichlor...	0.705	0.398	0.511	0.547	0.552	0.596	0.551	18.27
77)	T	Bromobenzene	0.890	0.858	0.967	0.847	0.943	0.955	0.910	5.69
78)	T	n-propylbenzene	4.032	4.310	5.049	4.451	5.387	5.431	4.777	12.40
79)	T	2-Chlorotoluene	2.481	2.630	2.990	2.562	3.042	3.067	2.795	9.50
80)	T	1,3,5-Trimethy...	2.780	2.851	3.427	3.022	3.651	3.658	3.231	12.30
81)	T	trans-1,4-Dich...	0.255	0.225	0.249	0.228	0.244	0.256	0.243	5.57
82)	T	4-Chlorotoluene	2.705	2.845	3.066	2.705	3.167	3.167	2.942	7.42
83)	T	tert-Butylbenzene	2.214	2.404	2.869	2.500	3.099	3.132	2.703	14.21
84)	T	1,2,4-Trimethy...	2.795	2.896	3.496	3.004	3.579	3.590	3.227	11.38
85)	T	sec-Butylbenzene	3.359	3.796	4.281	3.725	4.655	4.683	4.083	13.24
86)	T	p-Isopropyltol...	2.791	2.939	3.550	3.107	3.821	3.845	3.342	13.69
87)	T	1,3-Dichlorobe...	1.733	1.801	1.853	1.631	1.856	1.870	1.790	5.21
88)	T	1,4-Dichlorobe...	1.725	1.815	1.905	1.620	1.825	1.826	1.786	5.57
89)	T	n-Butylbenzene	2.680	2.873	3.438	2.996	3.760	3.763	3.252	14.36
90)	T	Hexachloroethane	0.570	0.669	0.702	0.602	0.740	0.738	0.670	10.57
91)	T	1,2-Dichlorobe...	1.531	1.554	1.694	1.433	1.599	1.614	1.571	5.59
92)	T	1,2-Dibromo-3-...	0.138	0.130	0.132	0.114	0.119	0.122	0.126	7.15
93)	T	1,2,4-Trichlor...	0.871	0.826	0.962	0.856	0.970	0.990	0.913	7.63
94)	T	Hexachlorobuta...	0.427	0.496	0.520	0.429	0.523	0.513	0.485	9.26
95)	T	Naphthalene	1.611	1.465	1.755	1.687	1.838	1.955	1.718	10.03
96)	T	1,2,3-Trichlor...	0.772	0.761	0.864	0.750	0.829	0.849	0.804	6.12

(#) = Out of Range