Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D051922S.M
Title : SW846 8260
Last Update : Thu May 19 15:13:42 2022
Response Via : Initial Calibration

Calibration Files
10 =VD073136.D 5 =VD073135.D 20 =VD073137.D 50 =VD073138.D 100 =VD073139.D 150 =VD073140.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.566	0.546	0.556	0.439	0.455	0.437	0.500	12.48
3)	P	Chloromethane	0.618	0.682	0.564	0.494	0.517	0.514	0.565	12.88
4)	C	Vinyl Chloride	0.563	0.567	0.527	0.481	0.492	0.471	0.517	8.12#
5)	T	Bromomethane	0.421	0.479	0.370	0.336	0.332	0.307	0.374	17.35
6)	T	Chloroethane	0.343	0.319	0.336	0.299	0.312	0.296	0.318	6.06
7)	T	Trichlorofluor...	0.995	0.948	0.951	0.855	0.890	0.842	0.913	6.64
8)	T	Diethyl Ether	0.256	0.257	0.242	0.247	0.253	0.251	0.251	2.35
9)	T	1,1,2-Trichlor...	0.591	0.595	0.554	0.504	0.533	0.494	0.545	7.84
10)	T	Methyl Iodide	0.511	0.551	0.579	0.585	0.647	0.655	0.588	9.40
11)	T	Tert butyl alc...	0.102	0.202	0.091	0.045	0.041	0.034	0.086	73.96
12)	CM	1,1-Dichloroet...	0.525	0.506	0.508	0.485	0.502	0.490	0.502	2.83#
13)	T	Acrolein	0.038	0.054	0.043	0.033	0.032	0.032	0.039	22.17
14)	T	Allyl chloride	0.761	0.844	0.806	0.785	0.835	0.836	0.811	4.09
15)	T	Acrylonitrile	0.112	0.117	0.116	0.112	0.118	0.115	0.115	2.24
16)	T	Acetone	0.104	0.117	0.095	0.083	0.092	0.085	0.096	13.42
17)	T	Carbon Disulfide	1.772	1.806	1.691	1.561	1.613	1.551	1.666	6.48
18)	T	Methyl Acetate	0.257	0.299	0.264	0.247	0.265	0.264	0.266	6.52
19)	T	Methyl tert-bu...	1.107	1.134	1.140	1.129	1.180	1.179	1.145	2.54
20)	T	Methylene Chlo...	0.787	1.053	0.700	0.589	0.593	0.572	0.716	25.83
21)	T	trans-1,2-Dich...	0.606	0.656	0.611	0.588	0.601	0.583	0.608	4.29
22)	T	Diisopropyl ether	1.666	1.649	1.728	1.709	1.737	1.712	1.700	2.05
23)	T	Vinyl Acetate	0.854	0.875	0.907	0.909	0.956	0.941	0.907	4.22
24)	P	1,1-Dichloroet...	1.113	1.241	1.098	1.031	1.046	1.020	1.091	7.52
25)	T	2-Butanone	0.137	0.154	0.141	0.132	0.142	0.134	0.140	5.76
26)	T	2,2-Dichloropr...	0.964	1.015	0.945	0.878	0.898	0.885	0.931	5.74
27)	T	cis-1,2-Dichlo...	0.669	0.707	0.669	0.654	0.675	0.660	0.672	2.74
28)	T	Bromochloromet...	0.352	0.481	0.344	0.368	0.359	0.352	0.376	13.79
29)	T	Tetrahydrofuran	0.086	0.094	0.090	0.088	0.093	0.092	0.091	3.37
30)	C	Chloroform	1.201	1.252	1.144	1.081	1.095	1.063	1.139	6.53#
31)	T	Cyclohexane	1.028	1.053	0.940	0.902	0.951	0.919	0.966	6.33
32)	T	1,1,1-Trichlor...	1.062	1.059	1.011	0.945	0.964	0.938	0.997	5.61
33)	S	1,2-Dichloroet...	0.564	0.656	0.548	0.525	0.518	0.505	0.553	9.97
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.335	0.342	0.342	0.332	0.322	0.306	0.330	4.23
36)	T	1,1-Dichloropr...	0.507	0.477	0.510	0.487	0.516	0.480	0.496	3.36
37)	T	Ethyl Acetate	0.191	0.212	0.201	0.188	0.191	0.193	0.196	4.64
38)	T	Carbon Tetrach...	0.505	0.482	0.525	0.503	0.516	0.488	0.503	3.22
39)	T	Methylcyclohexane	0.529	0.462	0.562	0.566	0.612	0.587	0.553	9.47
40)	TM	Benzene	1.447	1.440	1.460	1.396	1.446	1.391	1.430	2.02
41)	T	Methacrylonitrile	0.121	0.113	0.121	0.098	0.118	0.115	0.114	7.54
42)	TM	1,2-Dichloroet...	0.400	0.424	0.406	0.389	0.390	0.378	0.398	4.04
43)	T	Isopropyl Acetate	0.349	0.341	0.366	0.361	0.383	0.373	0.362	4.25
44)	TM	Trichloroethene	0.384	0.379	0.385	0.376	0.389	0.375	0.381	1.51
45)	C	1,2-Dichloropr...	0.360	0.371	0.362	0.355	0.362	0.350	0.360	2.04#
46)	T	Dibromomethane	0.196	0.218	0.199	0.193	0.196	0.185	0.198	5.52
47)	T	Bromodichlorom...	0.515	0.527	0.511	0.494	0.503	0.487	0.506	2.91
48)	T	Methyl methacr...	0.173	0.163	0.183	0.182	0.198	0.194	0.182	7.10
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	3.59
50)	S	Toluene-d8	1.193	1.202	1.224	1.245	1.235	1.198	1.216	1.77
51)	T	4-Methyl-2-Pen...	0.185	0.175	0.191	0.189	0.197	0.192	0.188	4.16
52)	CM	Toluene	0.896	0.816	0.926	0.921	0.947	0.916	0.904	5.10#
53)	T	t-1,3-Dichloro...	0.452	0.439	0.461	0.447	0.481	0.463	0.457	3.18
54)	T	cis-1,3-Dichlo...	0.541	0.528	0.558	0.544	0.561	0.550	0.547	2.23
55)	T	1,1,2-Trichlor...	0.285	0.266	0.271	0.261	0.266	0.255	0.267	3.79
56)	T	Ethyl methacry...	0.268	0.236	0.295	0.318	0.333	0.334	0.297	13.14

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57)	T	1,3-Dichloropr...	0.447	0.439	0.461	0.450	0.453	0.443	0.449	1.70
58)	T	2-Chloroethyl ...	0.087	0.092	0.118	0.132	0.149	0.151	0.122	22.52
59)	T	2-Hexanone	0.115	0.106	0.131	0.127	0.135	0.130	0.124	8.88
60)	T	Dibromochlorom...	0.341	0.333	0.345	0.326	0.332	0.325	0.334	2.42
61)	T	1,2-Dibromoethane	0.256	0.259	0.262	0.248	0.258	0.251	0.256	2.01
62)	S	4-Bromofluorob...	0.412	0.431	0.432	0.428	0.434	0.423	0.427	1.89
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.357	0.315	0.328	0.320	0.329	0.316	0.327	4.80
65)	PM	Chlorobenzene	1.028	1.022	1.045	1.009	1.037	1.015	1.026	1.34
66)	T	1,1,1,2-Tetrac...	0.386	0.381	0.383	0.379	0.381	0.372	0.380	1.25
67)	C	Ethyl Benzene	1.756	1.597	1.813	1.853	1.915	1.871	1.801	6.30#
68)	T	m/p-Xylenes	0.685	0.589	0.733	0.733	0.740	0.719	0.700	8.26
69)	T	o-Xylene	0.603	0.556	0.654	0.666	0.696	0.682	0.643	8.31
70)	T	Styrene	1.060	0.916	1.152	1.163	1.186	1.158	1.106	9.29
71)	P	Bromoform	0.205	0.185	0.199	0.193	0.198	0.194	0.196	3.45
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.364	2.974	3.528	3.736	3.892	3.891	3.564	9.99
74)	T	N-amyl acetate	0.734	0.667	0.772	0.795	0.840	0.857	0.778	9.06
75)	P	1,1,2,2-Tetrac...	0.690	0.650	0.656	0.645	0.650	0.653	0.657	2.53
76)	T	1,2,3-Trichlor...	0.572	0.472	0.461	0.485	0.475	0.479	0.491	8.29
77)	T	Bromobenzene	0.791	0.860	0.832	0.835	0.850	0.868	0.839	3.27
78)	T	n-propylbenzene	4.312	3.776	4.543	4.677	4.791	4.750	4.475	8.58
79)	T	2-Chlorotoluene	2.501	2.350	2.613	2.634	2.695	2.709	2.584	5.28
80)	T	1,3,5-Trimethy...	2.897	2.529	3.064	3.149	3.239	3.239	3.019	9.02
81)	T	trans-1,4-Dich...	0.200	0.182	0.191	0.209	0.223	0.220	0.204	7.84
82)	T	4-Chlorotoluene	2.635	2.483	2.746	2.775	2.798	2.811	2.708	4.68
83)	T	tert-Butylbenzene	2.391	2.053	2.581	2.642	2.799	2.803	2.545	11.22
84)	T	1,2,4-Trimethy...	2.902	2.502	3.056	3.077	3.178	3.183	2.983	8.62
85)	T	sec-Butylbenzene	3.816	3.305	3.905	4.010	4.168	4.109	3.886	8.04
86)	T	p-Isopropyltol...	3.067	2.603	3.216	3.308	3.408	3.403	3.167	9.62
87)	T	1,3-Dichlorobe...	1.701	1.692	1.681	1.685	1.698	1.691	1.691	0.44
88)	T	1,4-Dichlorobe...	1.743	1.789	1.718	1.661	1.667	1.665	1.707	3.07
89)	T	n-Butylbenzene	2.864	2.524	2.993	3.175	3.302	3.250	3.018	9.69
90)	T	Hexachloroethane	0.656	0.621	0.669	0.649	0.670	0.667	0.655	2.86
91)	T	1,2-Dichlorobe...	1.442	1.483	1.482	1.461	1.464	1.447	1.463	1.19
92)	T	1,2-Dibromo-3-...	0.101	0.112	0.097	0.097	0.098	0.098	0.101	5.93
93)	T	1,2,4-Trichlor...	0.773	0.743	0.807	0.859	0.897	0.906	0.831	8.06
94)	T	Hexachlorobuta...	0.463	0.484	0.470	0.449	0.479	0.464	0.468	2.62
95)	T	Naphthalene	1.277	1.163	1.395	1.532	1.698	1.731	1.466	15.58
96)	T	1,2,3-Trichlor...	0.682	0.702	0.716	0.757	0.783	0.780	0.737	5.77

(#) = Out of Range