

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D060121S.M
 Title : SW846 8260
 Last Update : Wed Jun 02 02:17:36 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD069277.D 5 =VD069276.D 20 =VD069278.D 50 =VD069279.D 100 =VD069280.D 150 =VD069281.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.543	0.618	0.477	0.545	0.494	0.481	0.526	10.22
3) P	Chloromethane	0.423	0.464	0.388	0.389	0.361	0.359	0.397	10.14
4) C	Vinyl Chloride	0.403	0.491	0.383	0.412	0.380	0.359	0.405	11.44#
5) T	Bromomethane	0.309	0.373	0.271	0.290	0.266	0.263	0.295	14.19
6) T	Chloroethane	0.251	0.272	0.215	0.227	0.214	0.205	0.231	11.14
7) T	Trichlorofluor...	1.016	1.069	0.881	0.966	0.871	0.846	0.942	9.51
8) T	Diethyl Ether	0.220	0.225	0.214	0.241	0.241	0.247	0.231	5.90
9) T	1,1,2-Trichlor...	0.592	0.651	0.522	0.555	0.508	0.498	0.554	10.53
10) T	Methyl Iodide	0.425	0.394	0.432	0.598	0.587	0.581	0.503	18.93
11) T	Tert butyl alc...	0.045	0.065	0.036	0.027	0.028	0.028	0.038	39.20
12) CM	1,1-Dichloroet...	0.505	0.531	0.468	0.523	0.494	0.488	0.501	4.68#
13) T	Acrolein	0.024	0.021	0.025	0.034	0.032	0.034	0.028	20.06
14) T	Allyl chloride	0.590	0.585	0.567	0.635	0.629	0.623	0.605	4.58
15) T	Acrylonitrile	0.086	0.091	0.082	0.095	0.093	0.094	0.090	5.46
16) T	Acetone	0.093	0.102	0.079	0.080	0.076	0.073	0.084	13.40
17) T	Carbon Disulfide	1.665	1.828	1.542	1.746	1.613	1.556	1.658	6.74
18) T	Methyl Acetate	0.215	0.287	0.219	0.222	0.204	0.212	0.227	13.40
19) T	Methyl tert-bu...	0.849	0.853	0.842	0.980	0.995	1.008	0.921	8.75
20) T	Methylene Chlo...	0.943	1.248	0.714	0.629	0.584	0.551	0.778	34.71
21) T	trans-1,2-Dich...	0.586	0.646	0.560	0.618	0.582	0.570	0.594	5.41
22) T	Diisopropyl ether	1.105	1.038	1.147	1.266	1.222	1.194	1.162	7.14
23) T	Vinyl Acetate	0.588	0.523	0.611	0.764	0.767	0.763	0.669	16.21
24) P	1,1-Dichloroet...	1.029	1.041	0.932	0.983	0.937	0.913	0.972	5.54
25) T	2-Butanone	0.101	0.111	0.107	0.114	0.114	0.114	0.110	4.60
26) T	2,2-Dichloropr...	0.913	1.046	0.848	0.888	0.856	0.825	0.896	8.91
27) T	cis-1,2-Dichlo...	0.627	0.632	0.586	0.656	0.644	0.629	0.629	3.78
28) T	Bromochloromet...	0.344	0.399	0.342	0.323	0.302	0.314	0.337	10.21
29) T	Tetrahydrofuran	0.061	0.058	0.058	0.068	0.067	0.067	0.063	7.62
30) C	Chloroform	1.106	1.184	1.023	1.075	1.006	0.984	1.063	7.02#
31) T	Cyclohexane	0.757	0.916	0.689	0.778	0.726	0.708	0.762	10.75
32) T	1,1,1-Trichlor...	0.997	1.081	0.904	0.967	0.913	0.896	0.959	7.45
33) S	1,2-Dichloroet...	0.571	0.535	0.521	0.425	0.416	0.410	0.480	14.78
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.358	0.339	0.341	0.291	0.282	0.273	0.314	11.54
36) T	1,1-Dichloropr...	0.469	0.491	0.461	0.531	0.487	0.478	0.486	5.06
37) T	Ethyl Acetate	0.174	0.164	0.148	0.177	0.162	0.166	0.165	6.19
38) T	Carbon Tetrach...	0.529	0.555	0.501	0.558	0.509	0.496	0.525	5.14
39) T	Methylcyclohexane	0.435	0.469	0.431	0.574	0.542	0.531	0.497	12.09
40) TM	Benzene	1.419	1.447	1.360	1.498	1.393	1.352	1.412	3.92
41) T	Methacrylonitrile	0.062	0.075	0.079	0.081	0.090	0.094	0.080	14.06
42) TM	1,2-Dichloroet...	0.386	0.382	0.367	0.395	0.370	0.360	0.377	3.54
43) T	Isopropyl Acetate	0.279	0.285	0.279	0.324	0.313	0.321	0.300	7.17
44) TM	Trichloroethene	0.378	0.410	0.356	0.407	0.381	0.368	0.384	5.58
45) C	1,2-Dichloropr...	0.333	0.349	0.319	0.357	0.334	0.324	0.336	4.38#
46) T	Dibromomethane	0.195	0.192	0.181	0.209	0.188	0.186	0.192	5.05
47) T	Bromodichlorom...	0.505	0.516	0.473	0.521	0.484	0.472	0.495	4.36
48) T	Methyl methacr...	0.125	0.120	0.131	0.167	0.149	0.145	0.139	12.57
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.94
50) S	Toluene-d8	1.283	1.138	1.279	1.077	1.055	1.020	1.142	10.02
51) T	4-Methyl-2-Pen...	0.145	0.138	0.148	0.172	0.164	0.164	0.155	8.72
52) CM	Toluene	0.860	0.861	0.845	0.977	0.913	0.890	0.891	5.48#
53) T	t-1,3-Dichloro...	0.440	0.418	0.410	0.480	0.452	0.455	0.442	5.81
54) T	cis-1,3-Dichlo...	0.516	0.514	0.498	0.562	0.534	0.540	0.527	4.33
55) T	1,1,2-Trichlor...	0.268	0.276	0.259	0.280	0.260	0.257	0.266	3.61
56) T	Ethyl methacry...	0.232	0.222	0.255	0.311	0.309	0.316	0.274	15.69

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57)	T	1,3-Dichloropr...	0.420	0.413	0.420	0.462	0.438	0.439	0.432	4.14
58)	T	2-Chloroethyl ...	0.118	0.099	0.129	0.124	0.135	0.143	0.125	12.17
59)	T	2-Hexanone	0.097	0.087	0.097	0.117	0.113	0.111	0.104	11.27
60)	T	Dibromochlorom...	0.350	0.323	0.328	0.351	0.335	0.328	0.336	3.56
61)	T	1,2-Dibromoethane	0.256	0.253	0.242	0.267	0.253	0.254	0.254	3.08
62)	S	4-Bromofluorob...	0.412	0.365	0.401	0.363	0.359	0.344	0.374	7.09
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.358	0.388	0.325	0.367	0.326	0.324	0.348	7.71
65)	PM	Chlorobenzene	1.021	1.041	0.965	1.113	1.003	0.988	1.022	5.04
66)	T	1,1,1,2-Tetrac...	0.395	0.398	0.360	0.407	0.370	0.368	0.383	5.07
67)	C	Ethyl Benzene	1.673	1.636	1.654	1.982	1.812	1.775	1.755	7.49#
68)	T	m/p-Xylenes	0.650	0.621	0.671	0.787	0.707	0.691	0.688	8.34
69)	T	o-Xylene	0.541	0.542	0.577	0.707	0.646	0.637	0.608	10.87
70)	T	Styrene	0.967	0.888	1.026	1.241	1.128	1.088	1.056	11.80
71)	P	Bromoform	0.197	0.199	0.192	0.211	0.194	0.198	0.199	3.32
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.055	3.031	3.209	3.857	3.715	3.663	3.422	10.66
74)	T	N-amyl acetate	0.549	0.511	0.558	0.665	0.670	0.674	0.604	12.12
75)	P	1,1,2,2-Tetrac...	0.646	0.641	0.598	0.671	0.636	0.640	0.639	3.67
76)	T	1,2,3-Trichlor...	0.424	0.515	0.409	0.430	0.414	0.416	0.434	9.20
77)	T	Bromobenzene	0.793	0.784	0.786	0.884	0.855	0.842	0.824	5.12
78)	T	n-propylbenzene	3.840	3.719	4.072	4.791	4.426	4.332	4.197	9.51
79)	T	2-Chlorotoluene	2.257	2.202	2.267	2.652	2.480	2.455	2.386	7.25
80)	T	1,3,5-Trimethy...	2.676	2.468	2.827	3.293	3.100	3.026	2.898	10.38
81)	T	trans-1,4-Dich...	0.176	0.176	0.192	0.218	0.203	0.212	0.196	9.20
82)	T	4-Chlorotoluene	2.402	2.371	2.465	2.747	2.561	2.513	2.510	5.39
83)	T	tert-Butylbenzene	2.196	2.149	2.258	2.769	2.608	2.582	2.427	10.64
84)	T	1,2,4-Trimethy...	2.684	2.426	2.811	3.278	3.071	3.024	2.882	10.57
85)	T	sec-Butylbenzene	3.332	3.185	3.383	4.123	3.762	3.710	3.582	9.68
86)	T	p-Isopropyltol...	2.890	2.690	2.967	3.615	3.356	3.275	3.132	10.92
87)	T	1,3-Dichlorobe...	1.650	1.692	1.623	1.774	1.662	1.605	1.668	3.61
88)	T	1,4-Dichlorobe...	1.683	1.757	1.589	1.757	1.609	1.578	1.662	4.94
89)	T	n-Butylbenzene	2.672	2.650	2.731	3.403	3.102	3.024	2.931	10.20
90)	T	Hexachloroethane	0.598	0.597	0.578	0.638	0.583	0.574	0.595	3.94
91)	T	1,2-Dichlorobe...	1.430	1.462	1.407	1.524	1.421	1.379	1.437	3.51
92)	T	1,2-Dibromo-3-...	0.099	0.118	0.093	0.103	0.100	0.099	0.102	8.32
93)	T	1,2,4-Trichlor...	0.821	0.784	0.803	0.953	0.911	0.902	0.862	8.00
94)	T	Hexachlorobuta...	0.538	0.553	0.502	0.584	0.538	0.532	0.541	4.98
95)	T	Naphthalene	1.292	1.238	1.323	1.728	1.741	1.798	1.520	17.15
96)	T	1,2,3-Trichlor...	0.680	0.760	0.701	0.828	0.790	0.795	0.759	7.59

(#) = Out of Range