

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D060922S.M
 Title : SW846 8260
 Last Update : Thu Jun 09 12:33:32 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD073501.D 5 =VD073500.D 20 =VD073502.D 50 =VD073503.D 100 =VD073504.D 150 =VD073505.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.574	0.475	0.508	0.451	0.432	0.421	0.477	11.90
3) P	Chloromethane	0.564	0.449	0.517	0.465	0.466	0.473	0.489	8.85
4) C	Vinyl Chloride	0.506	0.451	0.455	0.455	0.444	0.440	0.459	5.22#
5) T	Bromomethane	0.397	0.328	0.309	0.312	0.326	0.300	0.329	10.66
6) T	Chloroethane	0.324	0.271	0.298	0.289	0.288	0.282	0.292	6.15
7) T	Trichlorofluor...	0.997	0.881	0.895	0.899	0.870	0.848	0.898	5.77
8) T	Diethyl Ether	0.280	0.247	0.241	0.251	0.261	0.263	0.257	5.42
9) T	1,1,2-Trichlor...	0.548	0.515	0.502	0.527	0.500	0.491	0.514	4.03
10) T	Methyl Iodide	0.487	0.362	0.488	0.572	0.651	0.657	0.536	21.14
11) T	Tert butyl alc...	0.236	0.376	0.125	0.064	0.052	0.048	0.150	87.55
12) CM	1,1-Dichloroet...	0.520	0.450	0.483	0.490	0.495	0.490	0.488	4.60#
13) T	Acrolein	0.028	0.023	0.024	0.021	0.022	0.024	0.024	10.16
14) T	Allyl chloride	0.726	0.683	0.669	0.709	0.781	0.790	0.726	6.87
15) T	Acrylonitrile	0.122	0.105	0.110	0.112	0.121	0.122	0.115	6.49
16) T	Acetone	0.109	0.113	0.084	0.086	0.089	0.087	0.094	13.66
17) T	Carbon Disulfide	1.738	1.206	1.567	1.589	1.598	1.581	1.546	11.53
18) T	Methyl Acetate	0.279	0.400	0.254	0.236	0.260	0.279	0.285	20.62
19) T	Methyl tert-bu...	1.165	1.071	1.095	1.170	1.246	1.239	1.164	6.17
20) T	Methylene Chlo...	0.762	0.870	0.638	0.598	0.579	0.563	0.668	18.24
21) T	trans-1,2-Dich...	0.619	0.559	0.582	0.601	0.597	0.583	0.590	3.45
22) T	Diisopropyl ether	1.625	1.374	1.523	1.610	1.651	1.621	1.567	6.66
23) T	Vinyl Acetate	0.868	0.646	0.819	0.886	0.948	0.935	0.850	13.00
24) P	1,1-Dichloroet...	1.106	0.953	0.975	1.003	1.011	0.981	1.005	5.37
25) T	2-Butanone	0.150	0.142	0.129	0.131	0.141	0.141	0.139	5.57
26) T	2,2-Dichloropr...	0.980	0.917	0.871	0.886	0.882	0.868	0.901	4.72
27) T	cis-1,2-Dichlo...	0.645	0.587	0.616	0.647	0.672	0.661	0.638	4.89
28) T	Bromochloromet...	0.385	0.439	0.373	0.385	0.393	0.391	0.394	5.87
29) T	Tetrahydrofuran	0.089	0.079	0.083	0.090	0.095	0.096	0.089	7.25
30) C	Chloroform	1.151	1.070	1.034	1.069	1.071	1.046	1.073	3.80#
31) T	Cyclohexane	0.991	0.877	0.866	0.912	0.893	0.884	0.904	5.03
32) T	1,1,1-Trichlor...	0.974	0.926	0.925	0.969	0.953	0.928	0.946	2.37
33) S	1,2-Dichloroet...	0.546	0.584	0.537	0.510	0.519	0.522	0.537	4.98
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.322	0.328	0.322	0.324	0.323	0.309	0.322	2.03
36) T	1,1-Dichloropr...	0.499	0.434	0.478	0.509	0.498	0.479	0.483	5.59
37) T	Ethyl Acetate	0.211	0.186	0.167	0.200	0.202	0.203	0.195	8.07
38) T	Carbon Tetrach...	0.530	0.457	0.498	0.527	0.521	0.499	0.505	5.42
39) T	Methylcyclohexane	0.561	0.460	0.548	0.619	0.602	0.588	0.563	10.10
40) TM	Benzene	1.465	1.312	1.372	1.466	1.430	1.383	1.405	4.30
41) T	Methacrylonitrile	0.111	0.095	0.094	0.116	0.109	0.110	0.106	8.64
42) TM	1,2-Dichloroet...	0.418	0.348	0.387	0.397	0.397	0.384	0.388	6.00
43) T	Isopropyl Acetate	0.381	0.354	0.353	0.373	0.395	0.395	0.375	5.01
44) TM	Trichloroethene	0.415	0.353	0.385	0.404	0.404	0.386	0.391	5.64
45) C	1,2-Dichloropr...	0.362	0.336	0.339	0.353	0.357	0.342	0.348	3.11#
46) T	Dibromomethane	0.203	0.191	0.190	0.195	0.201	0.195	0.196	2.64
47) T	Bromodichlorom...	0.510	0.458	0.486	0.505	0.504	0.484	0.491	3.91
48) T	Methyl methacr...	0.184	0.163	0.176	0.191	0.200	0.201	0.186	7.86
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.58
50) S	Toluene-d8	1.139	1.152	1.233	1.274	1.264	1.233	1.216	4.69
51) T	4-Methyl-2-Pen...	0.195	0.162	0.180	0.194	0.206	0.202	0.190	8.60
52) CM	Toluene	0.908	0.772	0.886	0.960	0.955	0.925	0.901	7.68#
53) T	t-1,3-Dichloro...	0.454	0.419	0.445	0.477	0.489	0.479	0.461	5.70
54) T	cis-1,3-Dichlo...	0.563	0.484	0.526	0.552	0.567	0.545	0.540	5.70
55) T	1,1,2-Trichlor...	0.297	0.277	0.270	0.279	0.282	0.271	0.280	3.50
56) T	Ethyl methacry...	0.306	0.260	0.299	0.332	0.365	0.360	0.320	12.58

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57)	T	1,3-Dichloropr...	0.472	0.408	0.445	0.470	0.476	0.461	0.455	5.68
58)	T	2-Chloroethyl ...	0.120	0.126	0.126	0.137	0.141	0.140	0.132	6.77
59)	T	2-Hexanone	0.130	0.110	0.124	0.131	0.144	0.140	0.130	9.38
60)	T	Dibromochlorom...	0.349	0.323	0.332	0.355	0.362	0.349	0.345	4.30
61)	T	1,2-Dibromoethane	0.279	0.241	0.259	0.271	0.277	0.271	0.266	5.40
62)	S	4-Bromofluorob...	0.416	0.431	0.445	0.456	0.456	0.444	0.441	3.53
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.342	0.337	0.324	0.359	0.341	0.339	0.340	3.36
65)	PM	Chlorobenzene	1.091	0.908	1.006	1.071	1.056	1.040	1.029	6.40
66)	T	1,1,1,2-Tetrac...	0.405	0.370	0.377	0.407	0.396	0.387	0.390	3.81
67)	C	Ethyl Benzene	1.774	1.562	1.715	1.954	1.906	1.876	1.798	8.08#
68)	T	m/p-Xylenes	0.714	0.586	0.707	0.762	0.739	0.724	0.706	8.74
69)	T	o-Xylene	0.628	0.536	0.636	0.705	0.700	0.690	0.649	9.94
70)	T	Styrene	1.089	0.885	1.110	1.232	1.217	1.186	1.120	11.48
71)	P	Bromoform	0.223	0.195	0.209	0.213	0.222	0.218	0.213	4.80
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.347	2.723	3.291	3.779	3.814	3.840	3.466	12.61
74)	T	N-amyl acetate	0.781	0.647	0.716	0.770	0.851	0.861	0.771	10.56
75)	P	1,1,2,2-Tetrac...	0.688	0.631	0.608	0.644	0.686	0.691	0.658	5.38
76)	T	1,2,3-Trichlor...	0.553	0.428	0.444	0.487	0.492	0.511	0.486	9.31
77)	T	Bromobenzene	0.842	0.793	0.798	0.865	0.884	0.896	0.846	5.14
78)	T	n-propylbenzene	4.201	3.521	4.178	4.682	4.652	4.649	4.314	10.48
79)	T	2-Chlorotoluene	2.543	2.120	2.399	2.655	2.655	2.673	2.508	8.64
80)	T	1,3,5-Trimethy...	2.961	2.368	2.946	3.225	3.232	3.202	2.989	11.08
81)	T	trans-1,4-Dich...	0.208	0.169	0.193	0.209	0.227	0.236	0.207	11.66
82)	T	4-Chlorotoluene	2.658	2.290	2.568	2.780	2.770	2.795	2.644	7.34
83)	T	tert-Butylbenzene	2.448	1.988	2.322	2.811	2.795	2.793	2.526	13.28
84)	T	1,2,4-Trimethy...	2.924	2.474	2.908	3.217	3.200	3.176	2.983	9.56
85)	T	sec-Butylbenzene	3.712	3.044	3.634	4.145	4.096	4.075	3.784	11.13
86)	T	p-Isopropyltol...	3.038	2.559	3.069	3.455	3.409	3.399	3.155	10.89
87)	T	1,3-Dichlorobe...	1.816	1.637	1.680	1.774	1.740	1.723	1.728	3.72
88)	T	1,4-Dichlorobe...	1.810	1.601	1.635	1.763	1.726	1.722	1.710	4.58
89)	T	n-Butylbenzene	2.925	2.434	2.838	3.257	3.218	3.184	2.976	10.59
90)	T	Hexachloroethane	0.681	0.606	0.627	0.669	0.668	0.669	0.653	4.54
91)	T	1,2-Dichlorobe...	1.519	1.389	1.452	1.515	1.539	1.530	1.491	3.92
92)	T	1,2-Dibromo-3-...	0.114	0.103	0.095	0.100	0.108	0.110	0.105	6.81
93)	T	1,2,4-Trichlor...	0.903	0.778	0.847	0.928	0.948	0.953	0.893	7.65
94)	T	Hexachlorobuta...	0.514	0.460	0.472	0.519	0.491	0.482	0.490	4.75
95)	T	Naphthalene	1.457	1.208	1.430	1.664	1.880	1.936	1.596	17.69
96)	T	1,2,3-Trichlor...	0.779	0.695	0.724	0.817	0.819	0.843	0.779	7.53

(#) = Out of Range