

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D110921S.M
 Title : SW846 8260
 Last Update : Wed Nov 10 03:55:51 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD070945.D 5 =VD070944.D 20 =VD070946.D 50 =VD070947.D 100 =VD070948.D 150 =VD070949.D

Compound		10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.406	0.477	0.420	0.403	0.421	0.437	0.427	6.35
3) P	Chloromethane	0.476	0.565	0.480	0.483	0.518	0.528	0.508	6.94
4) C	Vinyl Chloride	0.439	0.510	0.451	0.489	0.514	0.530	0.489	7.48#
5) T	Bromomethane	0.318	0.424	0.306	0.309	0.315	0.328	0.333	13.55
6) T	Chloroethane	0.276	0.340	0.278	0.318	0.330	0.341	0.314	9.42
7) T	Trichlorofluor...	0.698	0.850	0.694	0.789	0.829	0.862	0.787	9.48
8) T	Diethyl Ether	0.224	0.278	0.226	0.261	0.281	0.293	0.260	11.26
9) T	1,1,2-Trichlor...	0.428	0.533	0.433	0.488	0.505	0.523	0.485	9.23
10) T	Methyl Iodide	0.319	0.357	0.383	0.550	0.604	0.644	0.476	29.36
11) T	Tert butyl alc...	0.036	0.050	0.033	0.036	0.038	0.040	0.039	14.97
12) CM	1,1-Dichloroet...	0.435	0.511	0.414	0.479	0.497	0.512	0.475	8.67#
13) T	Acrolein	0.014	0.018	0.015	0.010	0.011	0.012	0.013	20.39
14) T	Allyl chloride	0.881	1.019	0.850	1.013	1.068	1.103	0.989	10.29
15) T	Acrylonitrile	0.105	0.129	0.103	0.128	0.140	0.142	0.125	13.38
16) T	Acetone	0.102	0.167	0.089	0.139	0.152	0.152	0.133	23.20
17) T	Carbon Disulfide	1.384	1.625	1.363	1.541	1.621	1.664	1.533	8.50
18) T	Methyl Acetate	0.378	0.482	0.385	0.459	0.513	0.524	0.457	13.78
19) T	Methyl tert-bu...	1.040	1.280	1.039	1.240	1.355	1.400	1.226	12.65
20) T	Methylene Chlo...	0.680	0.968	0.561	0.579	0.595	0.609	0.665	23.11
21) T	trans-1,2-Dich...	0.473	0.593	0.481	0.555	0.575	0.589	0.544	9.90
22) T	Diisopropyl ether	1.691	2.080	1.668	2.017	2.141	2.199	1.966	11.71
23) T	Vinyl Acetate	0.767	0.920	0.776	0.982	1.096	1.123	0.944	16.16
24) P	1,1-Dichloroet...	0.899	1.138	0.911	1.068	1.116	1.169	1.050	11.16
25) T	2-Butanone	0.130	0.183	0.132	0.177	0.194	0.198	0.169	18.05
26) T	2,2-Dichloropr...	0.764	0.965	0.762	0.894	0.938	0.995	0.886	11.41
27) T	cis-1,2-Dichlo...	0.538	0.689	0.529	0.632	0.666	0.679	0.622	11.44
28) T	Bromochloromet...	0.441	0.382	0.427	0.461	0.486	0.475	0.445	8.48
29) T	Tetrahydrofuran	0.094	0.116	0.089	0.108	0.120	0.121	0.108	12.88
30) C	Chloroform	0.866	1.062	0.854	1.007	1.072	1.129	0.998	11.42#
31) T	Cyclohexane	1.018	1.390	0.957	1.029	1.066	1.108	1.095	13.97
32) T	1,1,1-Trichlor...	0.726	0.930	0.724	0.870	0.919	0.975	0.857	12.59
33) S	1,2-Dichloroet...	0.532	0.513	0.519	0.511	0.547	0.572	0.532	4.47
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.301	0.281	0.280	0.266	0.282	0.284	0.282	4.05
36) T	1,1-Dichloropr...	0.400	0.487	0.390	0.447	0.471	0.484	0.446	9.52
37) T	Ethyl Acetate	0.193	0.169	0.180	0.208	0.236	0.237	0.204	13.99
38) T	Carbon Tetrach...	0.365	0.439	0.349	0.410	0.442	0.461	0.411	11.01
39) T	Methylcyclohexane	0.517	0.653	0.508	0.570	0.599	0.612	0.577	9.77
40) TM	Benzene	1.125	1.380	1.086	1.258	1.344	1.351	1.257	9.94
41) T	Methacrylonitrile	0.138	0.165	0.101	0.123	0.160	0.141	0.138	17.23
42) TM	1,2-Dichloroet...	0.304	0.361	0.296	0.362	0.396	0.417	0.356	13.62
43) T	Isopropyl Acetate	0.376	0.443	0.358	0.437	0.482	0.490	0.431	12.53
44) TM	Trichloroethene	0.291	0.362	0.277	0.323	0.343	0.347	0.324	10.35
45) C	1,2-Dichloropr...	0.300	0.372	0.293	0.338	0.363	0.374	0.340	10.60#
46) T	Dibromomethane	0.146	0.158	0.139	0.165	0.180	0.183	0.162	10.76
47) T	Bromodichlorom...	0.370	0.454	0.357	0.432	0.469	0.487	0.428	12.49
48) T	Methyl methacr...	0.181	0.215	0.177	0.213	0.238	0.244	0.211	13.16
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.85
50) S	Toluene-d8	1.162	1.122	1.124	1.044	1.089	1.088	1.105	3.66
51) T	4-Methyl-2-Pen...	0.181	0.213	0.176	0.212	0.236	0.237	0.209	12.49
52) CM	Toluene	0.689	0.877	0.697	0.794	0.844	0.853	0.793	10.30#
53) T	t-1,3-Dichloro...	0.371	0.464	0.365	0.430	0.471	0.488	0.432	12.23
54) T	cis-1,3-Dichlo...	0.443	0.548	0.431	0.503	0.554	0.575	0.509	11.91
55) T	1,1,2-Trichlor...	0.194	0.237	0.195	0.221	0.242	0.245	0.222	10.43
56) T	Ethyl methacry...	0.274	0.315	0.261	0.323	0.355	0.360	0.315	12.93

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57)	T	1,3-Dichloropr...	0.349	0.432	0.341	0.407	0.445	0.449	0.404	11.87
58)	T	2-Chloroethyl ...	0.166	0.158	0.155	0.167	0.167	0.169	0.164	3.42
59)	T	2-Hexanone	0.124	0.168	0.122	0.155	0.173	0.170	0.152	15.31
60)	T	Dibromochlorom...	0.225	0.274	0.225	0.273	0.300	0.304	0.267	13.00
61)	T	1,2-Dibromoethane	0.186	0.237	0.180	0.217	0.237	0.240	0.216	12.50
62)	S	4-Bromofluorob...	0.406	0.420	0.392	0.372	0.398	0.399	0.398	3.98
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.266	0.336	0.257	0.288	0.301	0.301	0.292	9.63
65)	PM	Chlorobenzene	0.797	0.966	0.779	0.905	0.939	0.966	0.892	9.39
66)	T	1,1,1,2-Tetrac...	0.268	0.342	0.274	0.323	0.342	0.351	0.317	11.54
67)	C	Ethyl Benzene	1.473	1.869	1.494	1.712	1.781	1.808	1.689	9.91#
68)	T	m/p-Xylenes	0.562	0.712	0.552	0.631	0.661	0.670	0.631	9.99
69)	T	o-Xylene	0.534	0.647	0.529	0.612	0.634	0.648	0.601	9.16
70)	T	Styrene	0.877	1.134	0.882	1.028	1.083	1.098	1.017	11.02
71)	P	Bromoform	0.136	0.180	0.142	0.165	0.182	0.185	0.165	12.89
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.136	3.918	3.119	3.680	3.858	3.902	3.602	10.48
74)	T	N-amyl acetate	0.859	1.065	0.864	1.054	1.173	1.160	1.029	13.48
75)	P	1,1,2,2-Tetrac...	0.528	0.647	0.534	0.639	0.691	0.683	0.620	11.63
76)	T	1,2,3-Trichlor...	0.406	0.490	0.332	0.425	0.458	0.452	0.427	12.89
77)	T	Bromobenzene	0.645	0.847	0.680	0.775	0.831	0.839	0.770	11.36
78)	T	n-propylbenzene	3.859	4.960	3.858	4.540	4.776	4.786	4.463	10.91
79)	T	2-Chlorotoluene	2.134	2.820	2.170	2.573	2.771	2.801	2.545	12.46
80)	T	1,3,5-Trimethy...	2.538	3.239	2.573	2.995	3.214	3.235	2.966	11.15
81)	T	trans-1,4-Dich...	0.159	0.218	0.166	0.214	0.233	0.232	0.204	16.12
82)	T	4-Chlorotoluene	2.261	2.866	2.251	2.649	2.851	2.881	2.626	11.38
83)	T	tert-Butylbenzene	2.248	2.792	2.231	2.571	2.728	2.759	2.555	10.01
84)	T	1,2,4-Trimethy...	2.499	3.149	2.526	2.953	3.120	3.180	2.905	10.81
85)	T	sec-Butylbenzene	3.348	4.289	3.349	3.901	4.070	4.088	3.841	10.43
86)	T	p-Isopropyltol...	2.645	3.412	2.666	3.152	3.315	3.314	3.084	11.10
87)	T	1,3-Dichlorobe...	1.311	1.654	1.319	1.526	1.613	1.606	1.505	10.15
88)	T	1,4-Dichlorobe...	1.339	1.667	1.316	1.492	1.614	1.612	1.507	9.98
89)	T	n-Butylbenzene	2.642	3.378	2.706	3.200	3.345	3.325	3.099	10.82
90)	T	Hexachloroethane	0.500	0.664	0.529	0.628	0.666	0.676	0.610	12.59
91)	T	1,2-Dichlorobe...	1.122	1.411	1.122	1.330	1.419	1.419	1.304	11.11
92)	T	1,2-Dibromo-3-...	0.086	0.101	0.086	0.102	0.115	0.119	0.102	13.48
93)	T	1,2,4-Trichlor...	0.717	0.931	0.711	0.850	0.902	0.894	0.834	11.56
94)	T	Hexachlorobuta...	0.353	0.454	0.374	0.444	0.449	0.451	0.421	10.76
95)	T	Naphthalene	1.328	1.689	1.334	1.634	1.795	1.776	1.593	13.24
96)	T	1,2,3-Trichlor...	0.606	0.733	0.612	0.728	0.769	0.760	0.701	10.45

(#) = Out of Range