

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : 82Y071020S.M
 Title : SW846 8260
 Last Update : Fri Jul 10 13:18:03 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY003156.D 10 =VY003157.D 20 =VY003158.D
 50 =VY003159.D 100 =VY003160.D 150 =VY003161.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.370	0.406	0.428	0.308	0.330	0.309	0.358	14.17
3) P	Chloromethane	0.553	0.555	0.547	0.444	0.461	0.423	0.497	12.23
4) C	Vinyl Chloride	0.520	0.536	0.556	0.466	0.507	0.476	0.510	6.77#
5) T	Bromomethane	0.395	0.402	0.409	0.332	0.368	0.367	0.379	7.58
6) T	Chloroethane	0.333	0.349	0.363	0.308	0.338	0.318	0.335	6.01
7) T	Trichlorofluorome	0.750	0.765	0.781	0.672	0.723	0.680	0.728	6.21
8) T	Diethyl Ether	0.247	0.252	0.257	0.227	0.250	0.232	0.244	4.96
9) T	1,1,2-Trichlorotr	0.448	0.452	0.465	0.408	0.446	0.420	0.440	4.84
10) T	Methyl Iodide	0.372	0.433	0.483	0.479	0.568	0.534	0.478	14.65
11) T	Tert butyl alcoho	0.049	0.052	0.048	0.040	0.044	0.040	0.046	11.06
12) CM	1,1-Dichloroethen	0.419	0.431	0.441	0.386	0.421	0.399	0.416	4.89#
13) T	Acrolein	0.046	0.043	0.042	0.035	0.038	0.034	0.040	12.72
14) T	Allyl chloride	0.607	0.591	0.645	0.587	0.653	0.620	0.617	4.44
15) T	Acrylonitrile	0.113	0.120	0.122	0.110	0.123	0.115	0.117	4.46
16) T	Acetone	0.093	0.097	0.097	0.091	0.099	0.089	0.094	4.31
17) T	Carbon Disulfide	1.244	1.333	1.356	1.195	1.303	1.229	1.277	4.99
18) T	Methyl Acetate	0.271	0.268	0.268	0.239	0.273	0.251	0.262	5.26
19) T	Methyl tert-butyl	1.124	1.180	1.220	1.103	1.229	1.140	1.166	4.46
20) T	Methylene Chlorid	0.752	0.653	0.587	0.470	0.471	0.430	0.560	22.46
21) T	trans-1,2-Dichlor	0.459	0.485	0.496	0.443	0.486	0.454	0.471	4.52
22) T	Diisopropyl ether	1.245	1.379	1.426	1.321	1.464	1.386	1.370	5.69
23) T	Vinyl Acetate	0.808	0.908	0.944	0.885	0.999	0.935	0.913	7.04
24) P	1,1-Dichloroethan	0.755	0.813	0.833	0.753	0.828	0.781	0.794	4.50
25) T	2-Butanone	0.149	0.156	0.159	0.146	0.166	0.153	0.155	4.59
26) T	2,2-Dichloropropa	0.703	0.730	0.753	0.673	0.733	0.698	0.715	4.08
27) T	cis-1,2-Dichloroe	0.507	0.526	0.539	0.491	0.539	0.508	0.518	3.76
28) T	Bromochloromethan	0.306	0.377	0.363	0.332	0.360	0.326	0.344	7.82
29) T	Tetrahydrofuran	0.095	0.106	0.109	0.099	0.112	0.103	0.104	5.84
30) C	Chloroform	0.798	0.849	0.853	0.771	0.847	0.787	0.818	4.44#
31) T	Cyclohexane	0.826	0.809	0.801	0.707	0.753	0.709	0.768	6.76
32) T	1,1,1-Trichloroet	0.716	0.754	0.770	0.689	0.765	0.722	0.736	4.36
33) S	1,2-Dichloroethan	0.441	0.442	0.436	0.402	0.432	0.380	0.422	6.02
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.298	0.293	0.292	0.278	0.298	0.268	0.288	4.20
36) T	1,1-Dichloroprope	0.455	0.455	0.471	0.432	0.463	0.443	0.453	3.05
37) T	Ethyl Acetate	0.203	0.260	0.253	0.236	0.265	0.247	0.244	9.15
38) T	Carbon Tetrachlor	0.437	0.472	0.489	0.454	0.491	0.465	0.468	4.44
39) T	Methylcyclohexane	0.545	0.573	0.598	0.543	0.591	0.566	0.569	4.01
40) TM	Benzene	1.198	1.273	1.302	1.187	1.299	1.227	1.248	4.06
41) T	Methacrylonitrile	0.137	0.153	0.156	0.145	0.164	0.127	0.147	9.12
42) TM	1,2-Dichloroethan	0.378	0.394	0.402	0.365	0.396	0.370	0.384	3.98
43) T	Isopropyl Acetate	0.447	0.477	0.483	0.455	0.502	0.472	0.472	4.19
44) TM	Trichloroethene	0.381	0.391	0.401	0.363	0.389	0.369	0.383	3.75
45) C	1,2-Dichloropropa	0.316	0.329	0.332	0.309	0.334	0.317	0.323	3.23#
46) T	Dibromomethane	0.180	0.192	0.196	0.181	0.197	0.185	0.189	3.91
47) T	Bromodichlorometh	0.420	0.453	0.468	0.429	0.474	0.447	0.448	4.70
48) T	Methyl methacryla	0.193	0.207	0.213	0.205	0.231	0.218	0.211	6.10
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	5.01
50) S	Toluene-d8	1.138	1.123	1.097	1.013	1.081	0.965	1.070	6.29
51) T	4-Methyl-2-Pentan	0.226	0.246	0.252	0.238	0.266	0.246	0.246	5.52
52) CM	Toluene	0.772	0.799	0.828	0.762	0.831	0.793	0.798	3.55#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.427	0.460	0.477	0.453	0.501	0.471	0.465	5.39
54) T	cis-1,3-Dichlorop	0.502	0.540	0.552	0.514	0.569	0.535	0.535	4.57
55) T	1,1,2-Trichloroet	0.260	0.277	0.276	0.252	0.277	0.262	0.267	3.95
56) T	Ethyl methacrylat	0.321	0.346	0.374	0.361	0.401	0.377	0.363	7.61
57) T	1,3-Dichloropropa	0.445	0.455	0.468	0.435	0.474	0.442	0.453	3.38
58) T	2-Chloroethyl Vin	0.174	0.190	0.189	0.180	0.194	0.185	0.185	3.99
59) T	2-Hexanone	0.158	0.169	0.177	0.167	0.187	0.171	0.171	5.72
60) T	Dibromochlorometh	0.314	0.343	0.341	0.324	0.361	0.335	0.336	4.86
61) T	1,2-Dibromoethane	0.264	0.262	0.276	0.250	0.275	0.257	0.264	3.85
62) S	4-Bromofluorobenz	0.438	0.403	0.389	0.359	0.388	0.343	0.386	8.65
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.450	0.454	0.470	0.416	0.454	0.431	0.446	4.29
65) PM	Chlorobenzene	0.948	0.977	1.008	0.910	0.988	0.948	0.963	3.65
66) T	1,1,1,2-Tetrachlo	0.366	0.374	0.384	0.353	0.390	0.379	0.374	3.58
67) C	Ethyl Benzene	1.618	1.725	1.774	1.638	1.811	1.753	1.720	4.46#
68) T	m/p-Xylenes	0.622	0.659	0.675	0.618	0.682	0.661	0.653	4.14
69) T	o-Xylene	0.576	0.604	0.631	0.583	0.644	0.619	0.610	4.41
70) T	Styrene	0.945	1.028	1.078	1.008	1.118	1.080	1.043	5.97
71) P	Bromoform	0.233	0.241	0.253	0.238	0.261	0.247	0.246	4.22
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.057	3.135	3.290	3.011	3.311	3.314	3.186	4.28
74) T	N-amyl acetate	0.773	0.859	0.934	0.868	0.988	0.943	0.894	8.58
75) P	1,1,2,2-Tetrachlo	0.595	0.620	0.640	0.579	0.640	0.618	0.615	3.99
76) T	1,2,3-Trichloropr	0.436	0.450	0.466	0.414	0.449	0.440	0.443	3.86
77) T	Bromobenzene	0.771	0.824	0.843	0.761	0.839	0.835	0.812	4.47
78) T	n-propylbenzene	3.538	3.733	3.931	3.572	3.901	3.861	3.756	4.53
79) T	2-Chlorotoluene	2.009	2.086	2.204	1.978	2.161	2.136	2.096	4.22
80) T	1,3,5-Trimethylbe	2.555	2.631	2.772	2.517	2.741	2.718	2.656	3.94
81) T	trans-1,4-Dichlor	0.210	0.217	0.230	0.218	0.247	0.243	0.227	6.62
82) T	4-Chlorotoluene	2.112	2.195	2.272	2.071	2.242	2.231	2.187	3.63
83) T	tert-Butylbenzene	2.199	2.336	2.466	2.235	2.423	2.401	2.343	4.57
84) T	1,2,4-Trimethylbe	2.549	2.645	2.805	2.541	2.769	2.723	2.672	4.19
85) T	sec-Butylbenzene	3.112	3.230	3.395	3.060	3.297	3.229	3.221	3.78
86) T	p-Isopropyltoluen	2.829	2.987	3.160	2.869	3.110	3.088	3.007	4.50
87) T	1,3-Dichlorobenze	1.476	1.534	1.606	1.446	1.588	1.566	1.536	4.15
88) T	1,4-Dichlorobenze	1.486	1.570	1.627	1.422	1.523	1.495	1.521	4.69
89) T	n-Butylbenzene	2.713	2.846	2.989	2.716	2.882	2.825	2.829	3.70
90) T	Hexachloroethane	0.497	0.536	0.561	0.528	0.584	0.579	0.548	6.13
91) T	1,2-Dichlorobenze	1.304	1.379	1.426	1.273	1.374	1.332	1.348	4.14
92) T	1,2-Dibromo-3-Chl	0.103	0.104	0.105	0.092	0.099	0.095	0.100	5.17
93) T	1,2,4-Trichlorobe	0.939	0.984	1.042	0.899	0.963	0.926	0.959	5.25
94) T	Hexachlorobutadie	0.683	0.678	0.699	0.611	0.647	0.624	0.657	5.40
95) T	Naphthalene	1.488	1.621	1.674	1.486	1.651	1.589	1.585	5.11
96) T	1,2,3-Trichlorobe	0.746	0.781	0.812	0.704	0.770	0.736	0.758	4.99

(#) = Out of Range