

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : 82Y073120S.M
 Title : SW846 8260
 Last Update : Fri Jul 31 13:09:26 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY003380.D 10 =VY003381.D 20 =VY003382.D
 50 =VY003383.D 100 =VY003384.D 150 =VY003385.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.448	0.443	0.423	0.399	0.367	0.377	0.409	8.30
3) P	Chloromethane	0.685	0.627	0.547	0.531	0.484	0.490	0.561	14.18
4) C	Vinyl Chloride	0.611	0.599	0.548	0.557	0.525	0.538	0.563	6.08#
5) T	Bromomethane	0.446	0.441	0.413	0.394	0.381	0.420	0.416	6.13
6) T	Chloroethane	0.357	0.377	0.345	0.352	0.337	0.350	0.353	3.85
7) T	Trichlorofluorome	0.801	0.788	0.747	0.766	0.713	0.745	0.760	4.22
8) T	Diethyl Ether	0.281	0.264	0.262	0.266	0.253	0.263	0.265	3.52
9) T	1,1,2-Trichlorotr	0.464	0.484	0.444	0.459	0.424	0.448	0.454	4.49
10) T	Methyl Iodide	0.448	0.500	0.501	0.567	0.555	0.591	0.527	10.09
11) T	Tert butyl alcoho	0.070	0.050	0.052	0.044	0.046	0.046	0.051	18.56
12) CM	1,1-Dichloroethen	0.453	0.453	0.431	0.450	0.419	0.437	0.440	3.19#
13) T	Acrolein	0.054	0.048	0.054	0.047	0.048	0.048	0.050	6.61
14) T	Allyl chloride	0.755	0.757	0.711	0.746	0.712	0.745	0.738	2.80
15) T	Acrylonitrile	0.134	0.128	0.132	0.130	0.131	0.132	0.131	1.58
16) T	Acetone	0.122	0.109	0.113	0.119	0.121	0.121	0.117	4.54
17) T	Carbon Disulfide	1.471	1.499	1.421	1.457	1.356	1.411	1.436	3.52
18) T	Methyl Acetate	0.373	0.280	0.315	0.288	0.299	0.305	0.310	10.68
19) T	Methyl tert-butyl	1.230	1.187	1.196	1.223	1.213	1.256	1.218	2.02
20) T	Methylene Chlorid	1.455	0.985	0.762	0.613	0.521	0.522	0.810	44.66
21) T	trans-1,2-Dichlor	0.514	0.515	0.489	0.496	0.475	0.498	0.498	3.09
22) T	Diisopropyl ether	1.567	1.554	1.528	1.577	1.507	1.567	1.550	1.75
23) T	Vinyl Acetate	0.964	0.995	1.013	1.043	1.026	1.051	1.015	3.18
24) P	1,1-Dichloroethan	0.873	0.898	0.854	0.879	0.838	0.869	0.869	2.39
25) T	2-Butanone	0.181	0.170	0.178	0.178	0.183	0.185	0.179	2.83
26) T	2,2-Dichloropropa	0.820	0.790	0.761	0.783	0.733	0.764	0.775	3.81
27) T	cis-1,2-Dichloroe	0.556	0.545	0.545	0.553	0.528	0.555	0.547	1.91
28) T	Bromochloromethan	0.353	0.347	0.361	0.324	0.319	0.324	0.338	5.31
29) T	Tetrahydrofuran	0.118	0.109	0.121	0.116	0.118	0.119	0.117	3.50
30) C	Chloroform	0.874	0.869	0.850	0.878	0.831	0.868	0.861	2.07#
31) T	Cyclohexane	0.987	0.885	0.808	0.823	0.761	0.793	0.843	9.70
32) T	1,1,1-Trichloroet	0.809	0.793	0.763	0.799	0.760	0.791	0.786	2.56
33) S	1,2-Dichloroethan	0.496	0.429	0.452	0.508	0.478	0.489	0.475	6.24

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.291	0.263	0.279	0.318	0.302	0.314	0.295	7.09
36) T	1,1-Dichloroprope	0.481	0.484	0.455	0.484	0.459	0.476	0.473	2.72
37) T	Ethyl Acetate	0.283	0.254	0.263	0.269	0.272	0.273	0.269	3.69
38) T	Carbon Tetrachlor	0.479	0.485	0.477	0.500	0.482	0.498	0.487	2.07
39) T	Methylcyclohexane	0.571	0.577	0.562	0.596	0.567	0.590	0.577	2.27
40) TM	Benzene	1.332	1.324	1.274	1.335	1.279	1.331	1.313	2.15
41) T	Methacrylonitrile	0.134	0.160	0.141	0.169	0.145	0.177	0.154	11.03
42) TM	1,2-Dichloroethan	0.407	0.404	0.393	0.403	0.389	0.403	0.400	1.70
43) T	Isopropyl Acetate	0.516	0.484	0.497	0.508	0.515	0.526	0.508	2.94
44) TM	Trichloroethene	0.376	0.381	0.370	0.386	0.367	0.385	0.378	2.13
45) C	1,2-Dichloropropa	0.345	0.345	0.341	0.351	0.334	0.347	0.344	1.69#
46) T	Dibromomethane	0.201	0.192	0.191	0.192	0.188	0.193	0.193	2.33
47) T	Bromodichlorometh	0.452	0.462	0.460	0.475	0.461	0.480	0.465	2.20
48) T	Methyl methacryla	0.219	0.216	0.225	0.231	0.241	0.244	0.229	5.05
49) T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.003	0.003	0.002	4.75
50) S	Toluene-d8	1.182	1.023	1.059	1.248	1.176	1.233	1.153	8.00
51) T	4-Methyl-2-Pentan	0.263	0.253	0.269	0.267	0.271	0.272	0.266	2.65
52) CM	Toluene	0.819	0.819	0.797	0.847	0.808	0.849	0.823	2.54#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.476	0.486	0.487	0.502	0.493	0.515	0.493	2.79
54) T	cis-1,3-Dichlorop	0.551	0.553	0.544	0.573	0.554	0.580	0.559	2.51
55) T	1,1,2-Trichloroet	0.276	0.269	0.260	0.277	0.265	0.276	0.271	2.65
56) T	Ethyl methacrylat	0.342	0.362	0.366	0.386	0.389	0.403	0.375	5.92
57) T	1,3-Dichloropropa	0.469	0.471	0.468	0.476	0.463	0.474	0.470	1.00
58) T	2-Chloroethyl Vin	0.174	0.168	0.186	0.165	0.176	0.172	0.173	4.18
59) T	2-Hexanone	0.178	0.174	0.186	0.188	0.194	0.194	0.185	4.44
60) T	Dibromochlorometh	0.328	0.331	0.331	0.349	0.345	0.354	0.340	3.20
61) T	1,2-Dibromoethane	0.266	0.253	0.262	0.263	0.261	0.268	0.262	1.96
62) S	4-Bromofluorobenz	0.403	0.348	0.370	0.426	0.400	0.417	0.394	7.47
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.424	0.427	0.406	0.422	0.406	0.424	0.418	2.30
65) PM	Chlorobenzene	0.997	0.997	0.957	1.000	0.948	0.989	0.981	2.34
66) T	1,1,1,2-Tetrachlo	0.382	0.380	0.369	0.390	0.375	0.394	0.382	2.46
67) C	Ethyl Benzene	1.742	1.778	1.703	1.829	1.743	1.821	1.769	2.78#
68) T	m/p-Xylenes	0.656	0.668	0.650	0.685	0.653	0.690	0.667	2.58
69) T	o-Xylene	0.593	0.625	0.596	0.651	0.626	0.655	0.624	4.17
70) T	Styrene	0.999	1.047	1.032	1.123	1.077	1.133	1.068	4.91
71) P	Bromoform	0.248	0.243	0.245	0.252	0.249	0.251	0.248	1.47
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.103	3.267	3.037	3.324	3.222	3.436	3.232	4.51
74) T	N-amyl acetate	0.935	0.915	0.923	0.970	0.969	1.002	0.952	3.51
75) P	1,1,2,2-Tetrachlo	0.648	0.636	0.640	0.640	0.628	0.649	0.640	1.23
76) T	1,2,3-Trichloropr	0.479	0.428	0.446	0.440	0.438	0.464	0.449	4.18
77) T	Bromobenzene	0.802	0.825	0.785	0.835	0.817	0.862	0.821	3.23
78) T	n-propylbenzene	3.758	3.915	3.701	4.009	3.818	4.004	3.868	3.34
79) T	2-Chlorotoluene	2.095	2.195	2.045	2.192	2.106	2.242	2.146	3.50
80) T	1,3,5-Trimethylbe	2.641	2.740	2.593	2.797	2.681	2.827	2.713	3.36
81) T	trans-1,4-Dichlor	0.231	0.233	0.231	0.236	0.244	0.249	0.238	3.14
82) T	4-Chlorotoluene	2.123	2.274	2.169	2.292	2.206	2.315	2.230	3.40
83) T	tert-Butylbenzene	2.253	2.354	2.281	2.426	2.308	2.510	2.355	4.11
84) T	1,2,4-Trimethylbe	2.577	2.769	2.633	2.833	2.687	2.865	2.727	4.18
85) T	sec-Butylbenzene	3.159	3.331	3.141	3.412	3.231	3.386	3.276	3.55
86) T	p-Isopropyltoluen	2.923	3.102	2.909	3.196	3.041	3.216	3.065	4.29
87) T	1,3-Dichlorobenze	1.550	1.578	1.491	1.604	1.544	1.642	1.568	3.34
88) T	1,4-Dichlorobenze	1.576	1.560	1.494	1.583	1.495	1.572	1.546	2.66
89) T	n-Butylbenzene	2.806	2.972	2.808	3.027	2.827	2.937	2.896	3.29
90) T	Hexachloroethane	0.576	0.595	0.556	0.609	0.576	0.610	0.587	3.65
91) T	1,2-Dichlorobenze	1.404	1.397	1.329	1.420	1.346	1.411	1.384	2.71
92) T	1,2-Dibromo-3-Chl	0.119	0.095	0.101	0.101	0.100	0.103	0.103	7.99
93) T	1,2,4-Trichlorobe	0.978	0.984	0.969	1.010	0.945	1.001	0.981	2.38
94) T	Hexachlorobutadie	0.682	0.669	0.633	0.670	0.609	0.635	0.650	4.31
95) T	Naphthalene	1.629	1.563	1.631	1.712	1.675	1.762	1.662	4.21
96) T	1,2,3-Trichlorobe	0.787	0.782	0.769	0.828	0.775	0.822	0.794	3.11

(#) = Out of Range