

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\
 Method File : 82D072418S.M
 Title : SW846 8260
 Last Update : Wed Jul 25 07:10:33 2018
 Response Via : Initial Calibration

Calibration Files

5 =VD059574.D 10 =VD059575.D 20 =VD059576.D
 50 =VD059577.D 100 =VD059579.D 150 =VD059580.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.689	0.822	0.734	0.548	0.538	0.498	0.638	20.21
3) P	Chloromethane	0.338	0.371	0.344	0.268	0.284	0.270	0.313	14.07
4) C	Vinyl Chloride	0.320	0.388	0.316	0.316	0.319	0.292	0.325	9.96#
5) T	Bromomethane	0.051	0.062	0.057	0.076	0.065	0.062	0.062	13.32
6) T	Chloroethane	0.106	0.174	0.045	0.164	0.057	0.024	0.095	66.58
7) T	Trichlorofluorome	0.508	0.649	0.563	0.568	0.538	0.503	0.555	9.63
8) T	Diethyl Ether	0.073	0.109	0.088	0.098	0.107	0.110	0.098	15.31
9) T	1,1,2-Trichlorotr	0.254	0.335	0.310	0.290	0.286	0.279	0.292	9.47
10) T	Methyl Iodide	0.244	0.373	0.348	0.362	0.396	0.387	0.352	15.71
11) T	Tert butyl alcoho	0.020	0.027	0.025	0.025	0.024	0.030	0.025	12.61
12) CM	1,1-Dichloroethen	0.177	0.221	0.216	0.223	0.219	0.215	0.212	8.20#
13) T	Acrolein	0.011	0.015	0.014	0.012	0.013	0.013	0.013	11.00
14) T	Allyl chloride	0.463	0.568	0.505	0.516	0.523	0.508	0.514	6.56
15) T	Acrylonitrile	0.044	0.058	0.055	0.053	0.058	0.059	0.054	10.43
16) T	Acetone	0.091	0.102	0.093	0.094	0.095	0.094	0.095	4.00
17) T	Carbon Disulfide	0.786	0.882	0.787	0.854	0.873	0.868	0.842	5.20
18) T	Methyl Acetate	0.194	0.197	0.169	0.178	0.190	0.210	0.190	7.75
19) T	Methyl tert-butyl	0.649	0.842	0.709	0.660	0.711	0.691	0.710	9.77
20) T	Methylene Chlorid	0.287	0.333	0.257	0.246	0.255	0.246	0.271	12.67
21) T	trans-1,2-Dichlor	0.192	0.245	0.230	0.229	0.236	0.238	0.228	8.12
22) T	Diisopropyl ether	1.451	1.628	1.357	1.262	1.222	1.187	1.351	12.30
23) T	Vinyl Acetate	0.872	1.072	0.876	0.806	0.770	0.749	0.857	13.67
24) P	1,1-Dichloroethan	0.802	1.011	0.862	0.853	0.812	0.778	0.853	9.78
25) T	2-Butanone	0.153	0.167	0.146	0.130	0.135	0.137	0.145	9.47
26) T	2,2-Dichloropropa	0.883	1.020	0.878	0.842	0.833	0.785	0.873	9.15
27) T	cis-1,2-Dichloroe	0.450	0.554	0.475	0.444	0.420	0.395	0.456	12.04
28) T	Bromochloromethan	0.316	0.362	0.354	0.342	0.338	0.313	0.337	5.84
29)	Tetrahydrofuran	0.065	0.078	0.066	0.062	0.067	0.063	0.067	8.75
30) C	Chloroform	1.016	1.215	1.013	0.955	0.988	0.932	1.020	9.91#
31) T	Cyclohexane	0.860	0.866	0.637	0.531	0.548	0.495	0.656	25.46
32) T	1,1,1-Trichloroet	0.927	1.114	0.976	0.980	0.994	0.935	0.988	6.80
33) S	1,2-Dichloroethan	0.627	0.672	0.606	0.614	0.623	0.629	0.629	3.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.447	0.419	0.422	0.446	0.422	0.416	0.429	3.26
36) T	1,1-Dichloroprope	0.524	0.566	0.524	0.466	0.483	0.447	0.502	8.80
37) T	Ethyl Acetate	0.279	0.265	0.261	0.254	0.259	0.231	0.258	6.17
38) T	Carbon Tetrachlor	0.709	0.744	0.687	0.685	0.675	0.622	0.687	5.85
39) T	Methylcyclohexane	0.502	0.524	0.467	0.455	0.426	0.394	0.461	10.37
40) TM	Benzene	1.177	1.128	1.060	1.009	0.920	0.879	1.029	11.28
41) T	Methacrylonitrile	0.142	0.131	0.132	0.119	0.133	0.115	0.129	7.61
42) TM	1,2-Dichloroethan	0.610	0.642	0.620	0.625	0.619	0.603	0.620	2.17
43) T	Isopropyl Acetate	0.347	0.375	0.353	0.355	0.367	0.350	0.358	3.06
44) TM	Trichloroethene	0.371	0.424	0.365	0.379	0.360	0.340	0.373	7.55
45) C	1,2-Dichloropropa	0.309	0.318	0.283	0.280	0.282	0.257	0.288	7.63#
46) T	Dibromomethane	0.250	0.256	0.239	0.239	0.241	0.236	0.244	3.30
47) T	Bromodichlorometh	0.570	0.633	0.582	0.585	0.561	0.558	0.582	4.69
48) T	Methyl methacryla	0.231	0.239	0.244	0.241	0.238	0.231	0.237	2.29
49) T	1,4-Dioxane	0.001	0.002	0.002	0.002	0.002	0.002	0.002	26.52
50) S	Toluene-d8	1.159	0.999	0.971	0.973	0.890	0.845	0.973	11.11
51) T	4-Methyl-2-Pentan	0.258	0.266	0.242	0.226	0.225	0.216	0.239	8.36
52) CM	Toluene	0.752	0.797	0.708	0.664	0.604	0.568	0.682	12.82#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.491	0.640	0.513	0.498	0.519	0.486	0.525	11.00
54)	T cis-1,3-Dichlorop	0.549	0.572	0.517	0.502	0.504	0.482	0.521	6.40
55)	T 1,1,2-Trichloroet	0.270	0.286	0.265	0.251	0.238	0.227	0.256	8.54
56)	T Ethyl methacrylat	0.265	0.296	0.315	0.292	0.299	0.278	0.291	5.96
57)	T 1,3-Dichloropropa	0.439	0.435	0.408	0.396	0.392	0.373	0.407	6.33
58)	T 2-Chloroethyl Vin	0.156	0.145	0.129	0.143	0.127	0.121	0.137	9.53
59)	T 2-Hexanone	0.241	0.198	0.186	0.174	0.177	0.165	0.190	14.34
60)	T Dibromochlorometh	0.400	0.443	0.428	0.420	0.435	0.428	0.426	3.48
61)	T 1,2-Dibromoethane	0.305	0.315	0.314	0.296	0.295	0.298	0.304	2.88
62)	S 4-Bromofluorobenz	0.494	0.453	0.445	0.423	0.411	0.403	0.438	7.58
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.466	0.491	0.446	0.445	0.423	0.446	0.453	5.11
65)	PM Chlorobenzene	1.101	1.156	1.035	1.008	0.934	0.916	1.025	9.10
66)	T 1,1,1,2-Tetrachlo	0.477	0.493	0.437	0.432	0.415	0.421	0.446	7.15
67)	C Ethyl Benzene	1.969	2.013	1.802	1.706	1.533	1.550	1.762	11.57#
68)	T m/p-Xylenes	0.646	0.677	0.585	0.555	0.516	0.551	0.588	10.50
69)	T o-Xylene	0.641	0.663	0.577	0.546	0.484	0.515	0.571	12.35
70)	T Styrene	1.054	1.091	0.957	0.890	0.827	0.860	0.947	11.33
71)	P Bromoform	0.321	0.358	0.356	0.368	0.372	0.404	0.363	7.39
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	4.038	3.971	3.554	3.085	3.297	3.249	3.532	11.21
74)	T N-amyl acetate	1.226	1.347	1.154	1.101	1.229	1.204	1.210	6.87
75)	P 1,1,2,2-Tetrachlo	0.751	0.777	0.734	0.684	0.712	0.669	0.721	5.69
76)	T 1,2,3-Trichloropr	0.799	0.915	0.856	0.795	0.800	0.797	0.827	5.92
77)	T Bromobenzene	1.115	1.156	1.025	0.986	0.967	0.955	1.034	8.01
78)	T n-propylbenzene	4.703	4.931	4.424	3.952	3.915	3.826	4.292	10.78
79)	T 2-Chlorotoluene	2.805	2.881	2.570	2.387	2.375	2.334	2.559	9.22
80)	T 1,3,5-Trimethylbe	3.149	3.247	2.777	2.574	2.541	2.445	2.789	12.06
81)	T trans-1,4-Dichlor	0.177	0.244	0.198	0.201	0.224	0.224	0.211	11.27
82)	T 4-Chlorotoluene	3.234	3.506	2.886	2.684	2.542	2.510	2.894	13.88
83)	T tert-Butylbenzene	3.394	3.537	3.161	2.912	2.906	2.927	3.140	8.72
84)	T 1,2,4-Trimethylbe	3.305	3.244	2.932	2.776	2.730	2.800	2.965	8.43
85)	T sec-Butylbenzene	4.095	4.036	3.628	3.298	3.281	3.189	3.588	11.13
86)	T p-Isopropyltoluen	3.247	3.446	2.966	2.775	2.894	2.814	3.024	8.80
87)	T 1,3-Dichlorobenze	1.932	2.017	1.767	1.649	1.634	1.494	1.749	11.25
88)	T 1,4-Dichlorobenze	1.873	1.824	1.671	1.623	1.562	1.556	1.685	7.98
89)	T n-Butylbenzene	3.249	3.543	2.911	2.704	2.554	2.555	2.919	13.79
90)	T Hexachloroethane	0.837	0.871	0.801	0.773	0.769	0.797	0.808	4.86
91)	T 1,2-Dichlorobenze	1.668	1.773	1.467	1.332	1.302	1.262	1.467	14.37
92)	T 1,2-Dibromo-3-Chl	0.123	0.148	0.133	0.142	0.166	0.161	0.145	11.27
93)	T 1,2,4-Trichlorobe	1.327	1.380	1.166	1.139	1.137	1.141	1.215	8.99
94)	T Hexachlorobutadie	0.987	1.094	0.952	0.916	0.921	0.881	0.959	7.85
95)	T Naphthalene	1.825	1.899	1.733	1.569	1.698	1.645	1.728	6.93
96)	T 1,2,3-Trichlorobe	1.152	1.227	1.118	1.006	1.043	1.051	1.100	7.47

(#) = Out of Range