

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y101119S.M
 Title : SW846 8260
 Last Update : Mon Oct 14 08:10:23 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000266.D 5 =VY000265.D 20 =VY000267.D
 50 =VY000268.D 100 =VY000269.D 150 =VY000270.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.529	0.509	0.488	0.397	0.384	0.368	0.446	15.83
3) P	Chloromethane	0.704	0.728	0.611	0.572	0.538	0.514	0.611	14.39
4) C	Vinyl Chloride	0.716	0.621	0.637	0.584	0.579	0.562	0.617	9.11#
5) T	Bromomethane	0.507	0.536	0.460	0.393	0.388		0.457	14.52
6) T	Chloroethane	0.437	0.400	0.409	0.386	0.383	0.371	0.398	5.92
7) T	Trichlorofluorome	0.924	0.894	0.871	0.815	0.796	0.762	0.843	7.38
8) T	Diethyl Ether	0.301	0.339	0.296	0.285	0.295	0.272	0.298	7.57
9) T	1,1,2-Trichlorotr	0.565	0.535	0.510	0.497	0.495	0.468	0.512	6.67
10) T	Methyl Iodide	0.614	0.498	0.654	0.746	0.768	0.726	0.668	15.16
11) T	Tert butyl alcoho	0.060	0.062	0.053	0.056	0.053	0.048	0.055	9.25
12) CM	1,1-Dichloroethen	0.585	0.488	0.498	0.494	0.488	0.476	0.505	7.95#
13) T	Acrolein	0.067	0.065	0.062	0.066	0.067	0.062	0.065	3.57
14) T	Allyl chloride	0.887	0.852	0.821	0.810	0.834	0.819	0.837	3.39
15) T	Acrylonitrile	0.172	0.170	0.163	0.169	0.167	0.160	0.167	2.71
16) T	Acetone	0.167	0.173	0.156	0.187	0.177	0.164	0.171	6.19
17) T	Carbon Disulfide	1.737	1.648	1.601	1.527	1.528	1.500	1.590	5.71
18) T	Methyl Acetate	0.436	0.498	0.415	0.391	0.420	0.386	0.424	9.59
19) T	Methyl tert-butyl	1.477	1.434	1.385	1.376	1.409	1.354	1.406	3.16
20) T	Methylene Chlorid	0.831	1.023	0.699	0.566	0.554	0.530	0.700	27.80
21) T	trans-1,2-Dichlor	0.625	0.618	0.573	0.559	0.559	0.543	0.579	5.86
22) T	Diisopropyl ether	1.817	1.694	1.727	1.746	1.849	1.786	1.770	3.28
23) T	Vinyl Acetate	1.182	1.057	1.105	1.180	1.225	1.179	1.155	5.32
24) P	1,1-Dichloroethan	1.054	0.961	0.948	0.946	0.953	0.934	0.966	4.53
25) T	2-Butanone	0.241	0.248	0.228	0.251	0.246	0.230	0.241	4.01
26) T	2,2-Dichloropropa	0.982	0.991	0.855	0.854	0.843	0.817	0.890	8.50
27) T	cis-1,2-Dichloroe	0.683	0.628	0.613	0.612	0.622	0.603	0.627	4.60
28) T	Bromochloromethan	0.374	0.469	0.359	0.420	0.442	0.425	0.415	9.97
29) T	Tetrahydrofuran	0.149	0.147	0.138	0.150	0.151	0.140	0.146	3.75
30) C	Chloroform	1.032	0.996	0.953	0.968	0.961	0.928	0.973	3.73#
31) T	Cyclohexane	1.127	1.151	0.963	0.951	0.945	0.917	1.009	10.10
32) T	1,1,1-Trichloroet	0.892	0.880	0.866	0.865	0.865	0.822	0.865	2.72
33) S	1,2-Dichloroethan	0.542	0.543	0.498	0.540	0.525	0.517	0.527	3.36

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.333	0.294	0.311	0.300	0.289	0.281	0.302	6.12
36) T	1,1-Dichloroprope	0.539	0.540	0.487	0.468	0.466	0.437	0.490	8.57
37) T	Ethyl Acetate	0.308	0.298	0.287	0.292	0.288	0.266	0.290	4.86
38) T	Carbon Tetrachlor	0.526	0.497	0.475	0.464	0.454	0.428	0.474	7.17
39) T	Methylcyclohexane	0.706	0.665	0.654	0.625	0.610	0.584	0.641	6.78
40) TM	Benzene	1.560	1.466	1.422	1.383	1.363	1.293	1.415	6.51
41) T	Methacrylonitrile	0.163	0.116	0.135	0.137	0.139	0.137	0.138	10.88
42) TM	1,2-Dichloroethan	0.449	0.432	0.398	0.398	0.387	0.361	0.404	7.84
43) T	Isopropyl Acetate	0.567	0.579	0.548	0.560	0.548	0.505	0.551	4.61
44) TM	Trichloroethene	0.438	0.453	0.395	0.390	0.365	0.342	0.397	10.63
45) C	1,2-Dichloropropa	0.375	0.353	0.349	0.345	0.340	0.321	0.347	5.10#
46) T	Dibromomethane	0.210	0.204	0.192	0.191	0.190	0.178	0.194	5.82
47) T	Bromodichlorometh	0.499	0.460	0.454	0.455	0.451	0.425	0.457	5.16
48) T	Methyl methacryla	0.240	0.243	0.244	0.246	0.248	0.229	0.242	2.85
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.40
50) S	Toluene-d8	1.154	1.153	1.076	1.228	1.186	1.164	1.160	4.31
51) T	4-Methyl-2-Pentan	0.287	0.287	0.280	0.294	0.292	0.266	0.284	3.69
52) CM	Toluene	0.971	0.927	0.889	0.882	0.876	0.843	0.898	4.99#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.517	0.469	0.494	0.494	0.498	0.469	0.490	3.77
54) T	cis-1,3-Dichlorop	0.589	0.537	0.557	0.563	0.564	0.529	0.557	3.82
55) T	1,1,2-Trichloroet	0.316	0.294	0.273	0.274	0.278	0.259	0.282	7.10
56) T	Ethyl methacrylat	0.399	0.381	0.399	0.416	0.421	0.398	0.402	3.55
57) T	1,3-Dichloropropa	0.525	0.487	0.479	0.486	0.481	0.450	0.485	4.94
58) T	2-Chloroethyl Vin	0.158	0.161	0.152	0.159	0.173	0.160	0.160	4.38
59) T	2-Hexanone	0.200	0.191	0.195	0.211	0.211	0.189	0.200	4.70
60) T	Dibromochlorometh	0.325	0.312	0.307	0.315	0.322	0.296	0.313	3.38
61) T	1,2-Dibromoethane	0.286	0.271	0.275	0.273	0.270	0.251	0.271	4.14
62) S	4-Bromofluorobenz	0.483	0.441	0.443	0.436	0.425	0.416	0.441	5.19
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.551	0.502	0.503	0.472	0.435	0.393	0.476	11.75
65) PM	Chlorobenzene	1.182	1.058	1.056	1.045	1.027	0.962	1.055	6.79
66) T	1,1,1,2-Tetrachlo	0.421	0.365	0.366	0.373	0.362	0.337	0.371	7.35
67) C	Ethyl Benzene	2.137	1.991	1.944	1.961	1.906	1.798	1.956	5.66#
68) T	m/p-Xylenes	0.831	0.745	0.746	0.751	0.730	0.684	0.748	6.36
69) T	o-Xylene	0.790	0.731	0.706	0.710	0.694	0.650	0.713	6.46
70) T	Stvrene	1.282	1.151	1.184	1.217	1.225	1.159	1.203	4.05
71) P	Bromoform	0.220	0.189	0.213	0.225	0.223	0.208	0.213	6.31
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.240	3.858	3.912	3.823	3.872	3.689	3.899	4.71
74) T	N-amyl acetate	0.853	0.865	0.905	1.030	1.081	1.008	0.957	9.94
75) P	1,1,2,2-Tetrachlo	0.753	0.740	0.707	0.725	0.767	0.699	0.732	3.63
76) T	1,2,3-Trichloropr	0.575	0.678	0.600	0.642	0.625	0.569	0.615	6.80
77) T	Bromobenzene	0.958	0.929	0.878	0.838	0.830	0.772	0.868	7.91
78) T	n-propylbenzene	4.968	4.719	4.648	4.641	4.673	4.436	4.681	3.66
79) T	2-Chlorotoluene	2.753	2.642	2.563	2.565	2.566	2.423	2.585	4.20
80) T	1,3,5-Trimethylbe	3.532	3.387	3.255	3.232	3.203	3.005	3.269	5.45
81) T	trans-1,4-Dichlor	0.294	0.246	0.259	0.296	0.308	0.282	0.281	8.43
82) T	4-Chlorotoluene	2.919	2.789	2.666	2.716	2.733	2.572	2.733	4.28
83) T	tert-Butylbenzene	3.062	2.775	2.785	2.740	2.704	2.544	2.768	6.08
84) T	1,2,4-Trimethylbe	3.490	3.231	3.213	3.226	3.193	3.006	3.227	4.79
85) T	sec-Butylbenzene	4.373	3.975	3.955	4.041	3.935	3.751	4.005	5.11
86) T	p-Isopropyltoluen	3.753	3.413	3.513	3.551	3.469	3.250	3.492	4.75
87) T	1,3-Dichlorobenze	1.938	1.811	1.699	1.661	1.637	1.510	1.709	8.66
88) T	1,4-Dichlorobenze	1.863	1.795	1.743	1.670	1.659	1.521	1.708	7.00
89) T	n-Butylbenzene	3.713	3.302	3.398	3.501	3.475	3.313	3.450	4.41
90) T	Hexachloroethane	0.675	0.605	0.660	0.662	0.663	0.615	0.647	4.48
91) T	1,2-Dichlorobenze	1.671	1.594	1.547	1.567	1.507	1.395	1.547	5.97
92) T	1,2-Dibromo-3-Chl	0.144	0.143	0.139	0.138	0.142	0.127	0.139	4.54
93) T	1,2,4-Trichlorobe	1.155	1.218	1.118	1.041	0.992	0.938	1.077	9.77
94) T	Hexachlorobutadie	0.692	0.632	0.587	0.572	0.525	0.490	0.583	12.48
95) T	Naphthalene	2.618	2.563	2.393	2.366	2.316	2.164	2.403	6.91
96) T	1,2,3-Trichlorobe	1.063	1.050	1.002	0.945	0.907	0.856	0.971	8.45

(#) = Out of Range