

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y092319S.M
 Title : SW846 8260
 Last Update : Tue Sep 24 05:14:45 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000126.D 5 =VY000125.D 20 =VY000127.D
 50 =VY000128.D 100 =VY000129.D 150 =VY000130.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.592	0.500	0.575	0.449	0.446	0.414	0.496	14.77
3) P	Chloromethane	1.130	1.429	0.891	0.712	0.700	0.637	0.916	33.64
4) C	Vinyl Chloride	0.820	0.769	0.817	0.741	0.754	0.711	0.769	5.62#
5) T	Bromomethane	0.558	0.555	0.491	0.440	0.427	0.387	0.476	14.79
6) T	Chloroethane	0.468	0.537	0.496	0.446	0.465	0.438	0.475	7.70
7) T	Trichlorofluorome	0.944	0.893	0.935	0.846	0.853	0.796	0.878	6.47
8) T	Diethyl Ether	0.367	0.381	0.388	0.381	0.381	0.361	0.376	2.67
9) T	1,1,2-Trichlorotr	0.609	0.613	0.606	0.553	0.577	0.535	0.582	5.62
10) T	Methyl Iodide	0.665	0.582	0.776	0.815	0.851	0.793	0.747	13.71
11) T	Tert butyl alcoho	0.059	0.066	0.063	0.058	0.056	0.053	0.059	8.07
12) CM	1,1-Dichloroethen	0.651	0.589	0.632	0.574	0.604	0.559	0.601	5.78#
13) T	Acrolein	0.032	0.031	0.036	0.016	0.015	0.015	0.024	40.97
14) T	Allyl chloride	0.811	0.846	0.929	0.841	0.844	0.822	0.849	4.89
15) T	Acrylonitrile	0.175	0.188	0.200	0.176	0.179	0.177	0.182	5.43
16) T	Acetone	0.108	0.122	0.117	0.107	0.107	0.110	0.112	5.61
17) T	Carbon Disulfide	2.172	2.069	2.227	2.041	2.041	1.881	2.072	5.82
18) T	Methyl Acetate	0.388	0.413	0.445	0.391	0.412	0.407	0.409	4.95
19) T	Methyl tert-butyl	1.590	1.506	1.635	1.549	1.567	1.529	1.563	2.92
20) T	Methylene Chlorid	0.837	0.874	0.791	0.689	0.677	0.637	0.751	12.85
21) T	trans-1,2-Dichlor	0.734	0.645	0.713	0.664	0.689	0.625	0.678	6.11
22) T	Diisopropyl ether	1.846	1.845	1.850	1.719	1.818	1.779	1.810	2.87
23) T	Vinyl Acetate	1.185	1.169	1.239	1.159	1.231	1.252	1.206	3.31
24) P	1,1-Dichloroethan	1.157	1.104	1.126	1.025	1.055	1.001	1.078	5.62
25) T	2-Butanone	0.207	0.213	0.220	0.197	0.202	0.204	0.207	4.07
26) T	2,2-Dichloropropa	1.031	1.139	0.997	0.904	0.918	0.873	0.977	10.16
27) T	cis-1,2-Dichloroe	0.803	0.748	0.780	0.729	0.755	0.713	0.755	4.38
28) T	Bromochloromethan	0.395	0.433	0.401	0.433	0.440	0.426	0.421	4.48
29) T	Tetrahydrofuran	0.137	0.136	0.149	0.133	0.141	0.146	0.140	4.34
30) C	Chloroform	1.179	1.126	1.113	1.040	1.059	0.995	1.085	6.12#
31) T	Cyclohexane	1.246	1.267	1.161	1.013	1.041	0.980	1.118	11.06
32) T	1,1,1-Trichloroet	0.914	0.919	0.902	0.863	0.900	0.859	0.893	2.89
33) S	1,2-Dichloroethan	0.574	0.582	0.591	0.579	0.564	0.557	0.575	2.13

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.315	0.286	0.285	0.290	0.278	0.269	0.287	5.49
36) T	1,1-Dichloroprope	0.502	0.460	0.470	0.450	0.460	0.436	0.463	4.79
37) T	Ethyl Acetate	0.245	0.236	0.253	0.234	0.245	0.255	0.244	3.48
38) T	Carbon Tetrachlor	0.408	0.376	0.397	0.390	0.416	0.397	0.397	3.46
39) T	Methylcyclohexane	0.685	0.634	0.643	0.614	0.636	0.608	0.637	4.30
40) TM	Benzene	1.474	1.427	1.450	1.422	1.438	1.363	1.429	2.62
41) T	Methacrylonitrile	0.104	0.132	0.102	0.137	0.125	0.123	0.120	12.05
42) TM	1,2-Dichloroethan	0.369	0.361	0.361	0.360	0.369	0.367	0.364	1.18
43) T	Isopropyl Acetate	0.485	0.503	0.476	0.470	0.497	0.504	0.489	2.91
44) TM	Trichloroethene	0.371	0.348	0.355	0.352	0.359	0.343	0.355	2.71
45) C	1,2-Dichloropropa	0.368	0.375	0.339	0.320	0.344	0.324	0.345	6.60#
46) T	Dibromomethane	0.214	0.197	0.183	0.183	0.191	0.184	0.192	6.41
47) T	Bromodichlorometh	0.461	0.439	0.427	0.431	0.450	0.428	0.439	3.11
48) T	Methyl methacryla	0.201	0.211	0.201	0.202	0.217	0.222	0.209	4.33
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.15
50) S	Toluene-d8	1.174	1.173	1.070	1.219	1.168	1.131	1.156	4.38
51) T	4-Methyl-2-Pentan	0.246	0.245	0.246	0.245	0.255	0.258	0.249	2.33
52) CM	Toluene	0.902	0.906	0.872	0.861	0.895	0.861	0.883	2.33#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.499	0.493	0.460	0.465	0.483	0.476	0.479	3.22
54) T	cis-1,3-Dichlorop	0.591	0.514	0.556	0.562	0.564	0.546	0.556	4.52
55) T	1,1,2-Trichloroet	0.273	0.298	0.265	0.271	0.277	0.265	0.275	4.47
56) T	Ethyl methacrylat	0.379	0.366	0.389	0.389	0.408	0.391	0.387	3.61
57) T	1,3-Dichloropropa	0.508	0.485	0.475	0.462	0.476	0.461	0.478	3.64
58) T	2-Chloroethyl Vin	0.180	0.203	0.191	0.192	0.188	0.192	0.191	3.94
59) T	2-Hexanone	0.166	0.172	0.173	0.174	0.181	0.182	0.175	3.36
60) T	Dibromochlorometh	0.282	0.260	0.290	0.294	0.304	0.293	0.287	5.21
61) T	1,2-Dibromoethane	0.253	0.266	0.257	0.257	0.264	0.253	0.258	2.09
62) S	4-Bromofluorobenz	0.488	0.419	0.455	0.417	0.388	0.384	0.425	9.40
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.394	0.416	0.386	0.372	0.368	0.347	0.381	6.29
65) PM	Chlorobenzene	1.065	1.010	1.018	0.983	1.020	0.994	1.015	2.79
66) T	1,1,1,2-Tetrachlo	0.330	0.316	0.328	0.323	0.337	0.323	0.326	2.19
67) C	Ethyl Benzene	1.880	1.855	1.899	1.800	1.843	1.794	1.845	2.30#
68) T	m/p-Xylenes	0.729	0.711	0.723	0.703	0.718	0.685	0.711	2.20
69) T	o-Xylene	0.713	0.676	0.683	0.664	0.679	0.665	0.680	2.58
70) T	Styrene	1.149	1.072	1.173	1.161	1.186	1.153	1.149	3.49
71) P	Bromoform	0.179	0.180	0.183	0.183	0.189	0.190	0.184	2.57
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.217	4.055	3.949	3.871	3.902	3.893	3.981	3.34
74) T	N-amyl acetate	1.028	1.075	1.073	1.110	1.141	1.229	1.110	6.31
75) P	1,1,2,2-Tetrachlo	0.791	0.833	0.810	0.776	0.771	0.788	0.795	2.90
76) T	1,2,3-Trichloropr	0.614	0.541	0.467	0.466	0.582	0.475	0.524	12.31
77) T	Bromobenzene	0.868	0.759	0.854	0.826	0.842	0.846	0.832	4.62
78) T	n-propylbenzene	5.225	5.033	4.963	4.777	4.794	4.750	4.924	3.78
79) T	2-Chlorotoluene	2.900	2.788	2.680	2.609	2.633	2.607	2.703	4.36
80) T	1,3,5-Trimethylbe	3.467	3.402	3.310	3.252	3.300	3.258	3.332	2.56
81) T	trans-1,4-Dichlor	0.317	0.314	0.319	0.321	0.314	0.329	0.319	1.76
82) T	4-Chlorotoluene	2.876	2.860	2.739	2.761	2.734	2.756	2.788	2.26
83) T	tert-Butylbenzene	2.811	2.767	2.716	2.698	2.708	2.673	2.729	1.86
84) T	1,2,4-Trimethylbe	3.440	3.431	3.302	3.276	3.282	3.218	3.325	2.71
85) T	sec-Butylbenzene	4.364	4.090	4.120	4.015	3.959	3.930	4.080	3.86
86) T	p-Isopropyltoluen	3.675	3.456	3.524	3.438	3.408	3.369	3.478	3.14
87) T	1,3-Dichlorobenze	1.665	1.653	1.638	1.621	1.635	1.560	1.629	2.26
88) T	1,4-Dichlorobenze	1.675	1.703	1.702	1.635	1.653	1.609	1.663	2.25
89) T	n-Butylbenzene	3.740	3.583	3.544	3.515	3.501	3.525	3.568	2.50
90) T	Hexachloroethane	0.740	0.708	0.669	0.672	0.669	0.675	0.689	4.27
91) T	1,2-Dichlorobenze	1.570	1.611	1.537	1.533	1.482	1.487	1.537	3.19
92) T	1,2-Dibromo-3-Chl	0.168	0.145	0.150	0.132	0.137	0.145	0.146	8.40
93) T	1,2,4-Trichlorobe	1.009	1.016	0.964	0.984	0.967	0.987	0.988	2.15
94) T	Hexachlorobutadie	0.467	0.417	0.448	0.427	0.427	0.449	0.439	4.24
95) T	Naphthalene	2.426	2.529	2.515	2.454	2.488	2.572	2.498	2.11
96) T	1,2,3-Trichlorobe	0.905	0.854	0.880	0.881	0.879	0.889	0.881	1.88

(#) = Out of Range