

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y091219S.M
 Title : SW846 8260
 Last Update : Thu Sep 19 11:53:39 2019
 Response Via : Initial Calibration

Calibration Files

10 =VY000019.D 5 =VY000018.D 20 =VY000020.D
 50 =VY000021.D 100 =VY000022.D 150 =VY000023.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.402	0.423	0.388	0.352	0.327	0.320	0.369	11.39
3) P	Chloromethane	0.712	0.988	0.588	0.482	0.420		0.638	35.27
4) C	Vinyl Chloride	0.570	0.620	0.587	0.542	0.519	0.517	0.559	7.31#
5) T	Bromomethane	0.403	0.485	0.368	0.331	0.300	0.245	0.355	23.60
6) T	Chloroethane	0.359	0.428	0.392	0.361	0.350	0.343	0.372	8.57
7) T	Trichlorofluorome	0.774	0.781	0.767	0.708	0.666	0.662	0.727	7.56
8) T	Diethyl Ether	0.311	0.296	0.317	0.301	0.283	0.283	0.299	4.67
9) T	1,1,2-Trichlorotr	0.533	0.489	0.512	0.495	0.473	0.465	0.494	5.10
10) T	Methyl Iodide	0.493	0.498	0.542	0.570	0.575	0.565	0.541	6.76
11) T	Tert butyl alcoho	0.074	0.082	0.068	0.069	0.062	0.057	0.068	12.90
12) CM	1,1-Dichloroethen	0.490	0.482	0.482	0.456	0.430	0.425	0.461	6.14#
13) T	Acrolein	0.064	0.056	0.059	0.046	0.043	0.041	0.051	18.54
14) T	Allyl chloride	0.789	0.710	0.744	0.703	0.676	0.671	0.715	6.23
15) T	Acrylonitrile	0.195	0.191	0.196	0.194	0.180	0.179	0.189	4.12
16) T	Acetone	0.164	0.160	0.146	0.152	0.141	0.133	0.149	7.98
17) T	Carbon Disulfide	0.908	1.236	0.926	0.852	0.827	0.819	0.928	16.93
18) T	Methyl Acetate	0.412	0.504	0.422	0.403	0.391	0.389	0.420	10.20
19) T	Methyl tert-butyl	1.452	1.350	1.461	1.416	1.356	1.339	1.396	3.89
20) T	Methylene Chlorid	0.629	0.765	0.612	0.549	0.517	0.500	0.595	16.38
21) T	trans-1,2-Dichlor	0.536	0.588	0.508	0.493	0.468	0.469	0.510	8.98
22) T	Diisopropyl ether	1.602	1.570	1.656	1.573	1.538	1.538	1.579	2.83
23) T	Vinyl Acetate	1.096	1.078	1.137	1.104	1.074	1.067	1.093	2.34
24) P	1,1-Dichloroethan	0.961	0.974	0.979	0.921	0.889	0.890	0.936	4.40
25) T	2-Butanone	0.246	0.268	0.244	0.248	0.231	0.219	0.243	6.84
26) T	2,2-Dichloropropa	0.928	1.010	0.895	0.833	0.777	0.774	0.869	10.64
27) T	cis-1,2-Dichloroe	0.651	0.691	0.659	0.643	0.614	0.605	0.644	4.90
28) T	Bromochloromethan	0.407	0.409	0.410	0.468	0.443	0.441	0.430	5.75
29) T	Tetrahydrofuran	0.147	0.157	0.145	0.146	0.138	0.134	0.144	5.56
30) C	Chloroform	1.037	0.998	1.003	0.948	0.910	0.894	0.965	5.89#
31) T	Cyclohexane	0.840	1.028	0.791	0.706	0.661	0.654	0.780	18.21
32) T	1,1,1-Trichloroet	0.836	0.817	0.818	0.783	0.741	0.756	0.792	4.80
33) S	1,2-Dichloroethan	0.590	0.510	0.542	0.547	0.523	0.520	0.539	5.35

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.316	0.269	0.308	0.277	0.279	0.272	0.287	7.04
36) T	1,1-Dichloroprope	0.402	0.365	0.387	0.361	0.349	0.339	0.367	6.35
37) T	Ethyl Acetate	0.221	0.277	0.265	0.247	0.242	0.233	0.248	8.33
38) T	Carbon Tetrachlor	0.357	0.331	0.369	0.351	0.337	0.334	0.347	4.29
39) T	Methylcyclohexane	0.459	0.513	0.467	0.434	0.434	0.414	0.454	7.72
40) TM	Benzene	1.214	1.278	1.235	1.157	1.156	1.131	1.195	4.73
41) T	Methacrylonitrile	0.154	0.122	0.148	0.155	0.160	0.125	0.144	11.27
42) TM	1,2-Dichloroethan	0.299	0.309	0.320	0.299	0.305	0.300	0.305	2.72
43) T	Isopropyl Acetate	0.482	0.492	0.493	0.475	0.475	0.461	0.480	2.57
44) TM	Trichloroethene	0.302	0.311	0.309	0.295	0.291	0.282	0.298	3.66
45) C	1,2-Dichloropropa	0.313	0.329	0.307	0.307	0.301	0.293	0.308	3.90#
46) T	Dibromomethane	0.176	0.184	0.178	0.166	0.162	0.160	0.171	5.77
47) T	Bromodichlorometh	0.420	0.401	0.425	0.403	0.403	0.397	0.408	2.74
48) T	Methyl methacryla	0.195	0.235	0.217	0.207	0.210	0.206	0.212	6.29
49) T	1,4-Dioxane	0.004	0.004	0.004	0.003	0.003	0.003	0.004	12.82
50) S	Toluene-d8	1.186	1.115	1.125	1.176	1.182	1.146	1.155	2.64
51) T	4-Methyl-2-Pentan	0.263	0.299	0.264	0.271	0.264	0.252	0.269	5.90
52) CM	Toluene	0.765	0.776	0.762	0.734	0.747	0.722	0.751	2.70#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.427	0.424	0.444	0.427	0.430	0.423	0.429	1.76
54) T	cis-1,3-Dichlorop	0.496	0.536	0.512	0.485	0.491	0.477	0.500	4.28
55) T	1,1,2-Trichloroet	0.274	0.293	0.277	0.266	0.259	0.257	0.271	4.94
56) T	Ethyl methacrylat	0.370	0.404	0.385	0.377	0.382	0.366	0.380	3.51
57) T	1,3-Dichloropropa	0.442	0.448	0.446	0.424	0.426	0.415	0.433	3.15
58) T	2-Chloroethyl Vin	0.200	0.210	0.203	0.230	0.204	0.203	0.208	5.40
59) T	2-Hexanone	0.192	0.208	0.195	0.197	0.190	0.179	0.194	4.90
60) T	Dibromochlorometh	0.280	0.301	0.293	0.286	0.281	0.272	0.286	3.51
61) T	1,2-Dibromoethane	0.245	0.239	0.242	0.239	0.242	0.230	0.239	2.13
62) S	4-Bromofluorobenz	0.461	0.416	0.449	0.409	0.396	0.388	0.420	6.90
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.316	0.330	0.318	0.305	0.288	0.283	0.307	5.93
65) PM	Chlorobenzene	0.962	0.957	0.966	0.974	0.929	0.929	0.953	2.01
66) T	1,1,1,2-Tetrachlo	0.329	0.334	0.344	0.333	0.324	0.317	0.330	2.81
67) C	Ethyl Benzene	1.761	1.794	1.785	1.721	1.666	1.658	1.731	3.43#
68) T	m/p-Xylenes	0.651	0.666	0.668	0.655	0.642	0.637	0.653	1.92
69) T	o-Xylene	0.645	0.700	0.647	0.629	0.610	0.610	0.640	5.18
70) T	Stvrene	1.103	1.132	1.118	1.124	1.103	1.101	1.114	1.15
71) P	Bromoform	0.206	0.198	0.201	0.201	0.194	0.196	0.199	2.12
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.931	3.878	4.020	3.717	3.714	3.663	3.820	3.74
74) T	N-amyl acetate	1.019	1.215	1.146	1.149	1.131	1.106	1.128	5.69
75) P	1,1,2,2-Tetrachlo	0.934	0.988	0.940	0.912	0.856	0.851	0.913	5.78
76) T	1,2,3-Trichloropr	0.649	0.837	0.675	0.767	0.638	0.600	0.694	12.90
77) T	Bromobenzene	0.797	0.844	0.827	0.817	0.801	0.763	0.808	3.46
78) T	n-propylbenzene	4.709	4.849	4.879	4.559	4.566	4.450	4.669	3.69
79) T	2-Chlorotoluene	2.519	2.901	2.736	2.537	2.519	2.452	2.611	6.57
80) T	1,3,5-Trimethylbe	3.253	3.301	3.316	3.166	3.089	3.014	3.190	3.81
81) T	trans-1,4-Dichlor	0.331	0.405	0.351	0.351	0.336	0.327	0.350	8.20
82) T	4-Chlorotoluene	2.777	2.928	2.825	2.691	2.653	2.566	2.740	4.73
83) T	tert-Butylbenzene	2.803	2.823	2.870	2.698	2.662	2.588	2.741	3.95
84) T	1,2,4-Trimethylbe	3.187	3.308	3.211	3.131	3.082	2.986	3.151	3.52
85) T	sec-Butylbenzene	4.127	4.295	4.148	3.983	3.944	3.774	4.045	4.52
86) T	p-Isopropyltoluen	3.564	3.587	3.550	3.385	3.310	3.191	3.431	4.71
87) T	1,3-Dichlorobenze	1.623	1.718	1.734	1.597	1.576	1.510	1.626	5.29
88) T	1,4-Dichlorobenze	1.647	1.718	1.676	1.647	1.598	1.535	1.637	3.88
89) T	n-Butylbenzene	3.531	3.469	3.651	3.470	3.425	3.317	3.477	3.19
90) T	Hexachloroethane	0.714	0.679	0.725	0.691	0.672	0.633	0.686	4.78
91) T	1,2-Dichlorobenze	1.503	1.640	1.565	1.497	1.446	1.431	1.514	5.17
92) T	1,2-Dibromo-3-Chl	0.194	0.233	0.169	0.169	0.151	0.151	0.178	17.70
93) T	1,2,4-Trichlorobe	0.944	1.076	0.998	0.938	0.931	0.907	0.966	6.39
94) T	Hexachlorobutadie	0.426	0.480	0.454	0.444	0.431	0.424	0.443	4.81
95) T	Naphthalene	2.668	2.839	2.629	2.653	2.535	2.532	2.642	4.25
96) T	1,2,3-Trichlorobe	0.892	0.900	0.871	0.878	0.826	0.834	0.867	3.50

(#) = Out of Range