

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : 82Y030420S.M
 Title : SW846 8260
 Last Update : Thu Mar 05 04:05:33 2020
 Response Via : Initial Calibration

Calibration Files

10 =VY001843.D 5 =VY001842.D 20 =VY001844.D
 50 =VY001845.D 100 =VY001846.D 150 =VY001847.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.479	0.541	0.463	0.445	0.423	0.417	0.462	9.87
3) P	Chloromethane	0.656	0.712	0.632	0.610	0.568	0.557	0.622	9.30
4) C	Vinyl Chloride	0.654	0.675	0.650	0.647	0.589	0.583	0.633	5.96#
5) T	Bromomethane	0.447	0.532	0.433	0.412	0.366	0.329	0.420	16.77
6) T	Chloroethane	0.424	0.418	0.404	0.403	0.376	0.360	0.398	6.19
7) T	Trichlorofluorome	0.886	0.981	0.849	0.853	0.793	0.789	0.858	8.22
8) T	Diethyl Ether	0.350	0.358	0.332	0.342	0.329	0.318	0.338	4.41
9) T	1,1,2-Trichlorotr	0.573	0.595	0.555	0.547	0.522	0.520	0.552	5.24
10) T	Methyl Iodide	0.611	0.537	0.650	0.701	0.672	0.660	0.638	9.08
11) T	Tert butyl alcoho	0.079	0.092	0.057	0.058	0.055	0.051	0.065	24.86
12) CM	1,1-Dichloroethen	0.555	0.588	0.560	0.566	0.530	0.537	0.556	3.75#
13) T	Acrolein	0.084	0.084	0.075	0.069	0.070	0.068	0.075	9.69
14) T	Allyl chloride	1.014	0.979	1.016	1.010	0.954	0.940	0.986	3.33
15) T	Acrylonitrile	0.191	0.196	0.166	0.185	0.180	0.167	0.181	6.79
16) T	Acetone	0.165	0.166	0.133	0.159	0.166	0.142	0.155	9.24
17) T	Carbon Disulfide	1.883	1.946	1.876	1.900	1.798	1.810	1.869	3.00
18) T	Methyl Acetate	0.427	0.448	0.365	0.406	0.389	0.363	0.399	8.50
19) T	Methyl tert-butyl	1.548	1.585	1.448	1.542	1.485	1.432	1.506	4.04
20) T	Methylene Chlorid	0.711	0.828	0.635	0.637	0.602	0.584	0.666	13.58
21) T	trans-1,2-Dichlor	0.635	0.668	0.636	0.640	0.608	0.600	0.631	3.89
22) T	Diisopropyl ether	2.129	2.135	2.042	2.055	1.917	1.842	2.020	5.83
23) T	Vinyl Acetate	1.385	1.382	1.279	1.370	1.306	1.224	1.324	4.98
24) P	1,1-Dichloroethan	1.112	1.165	1.112	1.110	1.041	1.025	1.094	4.75
25) T	2-Butanone	0.256	0.248	0.207	0.244	0.244	0.218	0.236	8.08
26) T	2,2-Dichloropropa	0.916	0.962	0.896	0.899	0.862	0.854	0.898	4.36
27) T	cis-1,2-Dichloroe	0.699	0.708	0.689	0.704	0.668	0.650	0.686	3.33
28) T	Bromochloromethan	0.504	0.511	0.490	0.506	0.480	0.468	0.493	3.35
29) T	Tetrahydrofuran	0.174	0.171	0.143	0.159	0.154	0.141	0.157	8.77
30) C	Chloroform	1.058	1.075	1.031	1.049	0.987	0.967	1.028	4.14#
31) T	Cyclohexane	1.221	1.372	1.185	1.137	1.067	1.055	1.173	9.98
32) T	1,1,1-Trichloroet	0.891	0.872	0.876	0.891	0.837	0.830	0.866	3.07
33) S	1,2-Dichloroethan	0.578	0.566	0.515	0.514	0.525	0.505	0.534	5.70

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.296	0.273	0.268	0.267	0.269	0.265	0.273	4.23
36) T	1,1-Dichloroprope	0.485	0.517	0.489	0.496	0.454	0.446	0.481	5.53
37) T	Ethyl Acetate	0.313	0.281	0.261	0.293	0.277	0.253	0.280	7.75
38) T	Carbon Tetrachlor	0.427	0.434	0.406	0.420	0.394	0.385	0.411	4.62
39) T	Methylcyclohexane	0.666	0.665	0.629	0.647	0.617	0.605	0.638	3.98
40) TM	Benzene	1.485	1.505	1.431	1.463	1.355	1.317	1.426	5.25
41) T	Methacrylonitrile	0.140	0.124	0.123	0.125	0.126	0.117	0.126	5.99
42) TM	1,2-Dichloroethan	0.387	0.385	0.365	0.381	0.349	0.337	0.367	5.64
43) T	Isopropyl Acetate	0.580	0.548	0.484	0.550	0.522	0.492	0.529	6.99
44) TM	Trichloroethene	0.364	0.365	0.350	0.353	0.328	0.324	0.347	5.10
45) C	1,2-Dichloropropa	0.372	0.372	0.363	0.371	0.342	0.331	0.359	4.89#
46) T	Dibromomethane	0.204	0.187	0.179	0.189	0.179	0.171	0.185	6.18
47) T	Bromodichlorometh	0.447	0.428	0.430	0.446	0.419	0.408	0.430	3.56
48) T	Methyl methacryla	0.250	0.230	0.221	0.254	0.236	0.218	0.235	6.36
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.002	0.002	0.003	9.58
50) S	Toluene-d8	1.241	1.170	1.132	1.131	1.127	1.106	1.151	4.23
51) T	4-Methyl-2-Pentan	0.303	0.290	0.242	0.284	0.270	0.247	0.273	8.95
52) CM	Toluene	0.889	0.910	0.868	0.888	0.834	0.809	0.866	4.41#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.479	0.459	0.450	0.497	0.470	0.455	0.468	3.73
54) T	cis-1,3-Dichlorop	0.571	0.558	0.550	0.584	0.549	0.532	0.557	3.31
55) T	1,1,2-Trichloroet	0.290	0.279	0.261	0.279	0.261	0.251	0.270	5.51
56) T	Ethyl methacrylat	0.405	0.395	0.366	0.422	0.407	0.383	0.396	5.03
57) T	1,3-Dichloropropa	0.512	0.518	0.464	0.492	0.463	0.442	0.482	6.30
58) T	2-Chloroethyl Vin	0.215	0.134	0.195	0.140	0.136	0.123	0.157	24.08
59) T	2-Hexanone	0.213	0.206	0.170	0.204	0.198	0.175	0.195	9.07
60) T	Dibromochlorometh	0.290	0.283	0.273	0.301	0.288	0.274	0.285	3.64
61) T	1,2-Dibromoethane	0.269	0.272	0.242	0.261	0.252	0.240	0.256	5.32
62) S	4-Bromofluorobenz	0.430	0.431	0.389	0.392	0.387	0.372	0.400	6.08
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.334	0.334	0.322	0.313	0.294	0.284	0.314	6.71
65) PM	Chlorobenzene	1.019	1.050	1.005	1.029	0.949	0.925	0.996	4.91
66) T	1,1,1,2-Tetrachlo	0.330	0.335	0.330	0.342	0.314	0.309	0.327	3.82
67) C	Ethyl Benzene	1.898	1.923	1.919	1.921	1.767	1.720	1.858	4.85#
68) T	m/p-Xylenes	0.711	0.712	0.697	0.716	0.653	0.633	0.687	5.16
69) T	o-Xylene	0.654	0.681	0.663	0.672	0.617	0.598	0.647	5.07
70) T	Styrene	1.118	1.076	1.140	1.179	1.087	1.052	1.109	4.18
71) P	Bromoform	0.177	0.168	0.160	0.193	0.185	0.180	0.177	6.73
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.922	3.832	3.835	3.862	3.722	3.729	3.817	2.05
74) T	N-amyl acetate	1.228	1.208	1.090	1.204	1.183	1.127	1.173	4.57
75) P	1,1,2,2-Tetrachlo	0.876	0.838	0.755	0.835	0.835	0.799	0.823	5.00
76) T	1,2,3-Trichloropr	0.689	0.699	0.539	0.556	0.555	0.522	0.593	13.31
77) T	Bromobenzene	0.836	0.827	0.828	0.808	0.780	0.773	0.809	3.26
78) T	n-propylbenzene	4.830	4.759	4.783	4.752	4.566	4.564	4.709	2.44
79) T	2-Chlorotoluene	2.704	2.625	2.618	2.626	2.523	2.513	2.602	2.77
80) T	1,3,5-Trimethylbe	3.212	3.186	3.228	3.164	3.037	3.026	3.142	2.82
81) T	trans-1,4-Dichlor	0.298	0.277	0.258	0.306	0.317	0.306	0.294	7.41
82) T	4-Chlorotoluene	2.762	2.797	2.733	2.731	2.616	2.614	2.709	2.83
83) T	tert-Butylbenzene	2.750	2.605	2.696	2.616	2.497	2.495	2.610	3.95
84) T	1,2,4-Trimethylbe	3.222	3.142	3.221	3.160	3.000	2.965	3.118	3.55
85) T	sec-Butylbenzene	3.981	3.831	3.948	3.890	3.746	3.685	3.847	3.01
86) T	p-Isopropyltoluen	3.477	3.337	3.422	3.364	3.196	3.114	3.318	4.15
87) T	1,3-Dichlorobenze	1.710	1.647	1.640	1.585	1.482	1.444	1.585	6.50
88) T	1,4-Dichlorobenze	1.690	1.699	1.652	1.611	1.514	1.480	1.608	5.71
89) T	n-Butylbenzene	3.554	3.551	3.559	3.457	3.283	3.253	3.443	4.10
90) T	Hexachloroethane	0.627	0.616	0.639	0.635	0.616	0.622	0.626	1.55
91) T	1,2-Dichlorobenze	1.515	1.481	1.471	1.439	1.389	1.342	1.440	4.44
92) T	1,2-Dibromo-3-Chl	0.139	0.145	0.107	0.126	0.133	0.121	0.128	10.61
93) T	1,2,4-Trichlorobe	1.009	0.969	0.940	0.937	0.878	0.869	0.934	5.72
94) T	Hexachlorobutadie	0.490	0.480	0.476	0.444	0.425	0.416	0.455	6.84
95) T	Naphthalene	2.371	2.280	2.045	2.221	2.216	2.155	2.215	4.99
96) T	1,2,3-Trichlorobe	0.904	0.823	0.824	0.818	0.796	0.769	0.822	5.49

(#) = Out of Range