

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y062920S.M
 Title : SW846 8260
 Last Update : Tue Jun 30 04:11:35 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002999.D 10 =VY003000.D 20 =VY003001.D
 50 =VY003002.D 100 =VY003003.D 150 =VY003004.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.413	0.356	0.373	0.380	0.396	0.354	0.379	6.08
3) P	Chloromethane	0.699	0.578	0.546	0.501	0.530	0.473	0.555	14.35
4) C	Vinyl Chloride	0.532	0.542	0.551	0.539	0.571	0.512	0.541	3.63#
5) T	Bromomethane	0.363	0.371	0.365	0.351	0.390	0.364	0.367	3.47
6) T	Chloroethane	0.344	0.347	0.352	0.340	0.356	0.325	0.344	3.15
7) T	Trichlorofluorome	0.773	0.757	0.779	0.767	0.792	0.713	0.763	3.57
8) T	Diethyl Ether	0.269	0.262	0.265	0.261	0.276	0.236	0.262	5.16
9) T	1,1,2-Trichlorotr	0.454	0.459	0.471	0.455	0.473	0.423	0.456	3.94
10) T	Methyl Iodide	0.513	0.543	0.573	0.589	0.613	0.560	0.565	6.21
11) T	Tert butyl alcoho	0.061	0.052	0.051	0.050	0.051	0.039	0.051	14.27
12) CM	1,1-Dichloroethen	0.440	0.439	0.436	0.430	0.450	0.407	0.434	3.32#
13) T	Acrolein	0.051	0.048	0.051	0.043	0.044	0.037	0.045	11.28
14) T	Allyl chloride	0.702	0.764	0.783	0.749	0.810	0.734	0.757	5.00
15) T	Acrylonitrile	0.139	0.135	0.136	0.137	0.145	0.118	0.135	6.72
16) T	Acetone	0.117	0.115	0.114	0.123	0.131	0.102	0.117	8.24
17) T	Carbon Disulfide	1.366	1.404	1.421	1.385	1.442	1.296	1.386	3.69
18) T	Methyl Acetate	0.359	0.310	0.312	0.312	0.332	0.269	0.316	9.42
19) T	Methyl tert-butyl	1.230	1.253	1.269	1.286	1.370	1.176	1.264	5.09
20) T	Methylene Chlorid	1.017	0.769	0.632	0.525	0.520	0.459	0.654	31.94
21) T	trans-1,2-Dichlor	0.477	0.517	0.499	0.481	0.509	0.460	0.491	4.40
22) T	Diisopropyl ether	1.571	1.625	1.660	1.613	1.730	1.539	1.623	4.15
23) T	Vinyl Acetate	1.025	1.078	1.105	1.110	1.189	1.004	1.085	6.11
24) P	1,1-Dichloroethan	0.861	0.898	0.913	0.876	0.931	0.841	0.887	3.76
25) T	2-Butanone	0.192	0.183	0.186	0.192	0.204	0.159	0.186	8.15
26) T	2,2-Dichloropropa	0.838	0.830	0.819	0.786	0.821	0.740	0.806	4.58
27) T	cis-1,2-Dichloroe	0.552	0.559	0.556	0.540	0.573	0.522	0.550	3.16
28) T	Bromochloromethan	0.379	0.377	0.365	0.417	0.437	0.391	0.394	6.94
29) T	Tetrahydrofuran	0.126	0.123	0.124	0.128	0.135	0.105	0.124	8.01
30) C	Chloroform	0.868	0.894	0.902	0.869	0.911	0.825	0.878	3.58#
31) T	Cyclohexane	0.976	0.911	0.892	0.833	0.862	0.767	0.873	8.15
32) T	1,1,1-Trichloroet	0.793	0.817	0.819	0.789	0.839	0.754	0.802	3.68
33) S	1,2-Dichloroethan	0.497	0.475	0.505	0.517	0.509	0.476	0.497	3.51

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.302	0.308	0.314	0.326	0.316	0.305	0.312	2.77
36) T	1,1-Dichloroprope	0.471	0.496	0.489	0.480	0.501	0.454	0.482	3.62
37) T	Ethyl Acetate	0.302	0.282	0.291	0.299	0.315	0.248	0.290	8.00
38) T	Carbon Tetrachlor	0.492	0.502	0.510	0.502	0.527	0.473	0.501	3.61
39) T	Methylcyclohexane	0.581	0.600	0.612	0.603	0.629	0.558	0.597	4.13
40) TM	Benzene	1.277	1.340	1.355	1.315	1.379	1.245	1.319	3.79
41) T	Methacrylonitrile	0.170	0.141	0.142	0.181	0.162	0.133	0.155	12.15
42) TM	1,2-Dichloroethan	0.409	0.412	0.431	0.422	0.444	0.386	0.417	4.74
43) T	Isopropyl Acetate	0.540	0.549	0.542	0.574	0.602	0.495	0.551	6.50
44) TM	Trichloroethene	0.379	0.389	0.387	0.381	0.401	0.363	0.383	3.29
45) C	1,2-Dichloropropa	0.347	0.358	0.363	0.352	0.376	0.333	0.355	4.17#
46) T	Dibromomethane	0.199	0.204	0.199	0.199	0.208	0.179	0.198	4.96
47) T	Bromodichlorometh	0.482	0.487	0.484	0.486	0.515	0.458	0.485	3.71
48) T	Methyl methacryla	0.241	0.248	0.249	0.259	0.278	0.229	0.251	6.62
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.003	0.002	0.002	7.16
50) S	Toluene-d8	1.132	1.123	1.162	1.220	1.187	1.149	1.162	3.13
51) T	4-Methyl-2-Pentan	0.282	0.281	0.286	0.296	0.314	0.247	0.285	7.83
52) CM	Toluene	0.822	0.841	0.841	0.825	0.867	0.783	0.830	3.40#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.487	0.506	0.506	0.517	0.553	0.483	0.509	4.93
54) T	cis-1,3-Dichlorop	0.567	0.587	0.579	0.587	0.620	0.550	0.582	4.02
55) T	1,1,2-Trichloroet	0.268	0.285	0.274	0.282	0.293	0.250	0.275	5.45
56) T	Ethyl methacrylat	0.373	0.388	0.404	0.417	0.443	0.366	0.399	7.26
57) T	1,3-Dichloropropa	0.482	0.489	0.489	0.485	0.514	0.442	0.483	4.80
58) T	2-Chloroethyl Vin	0.210	0.184	0.188	0.223	0.224	0.198	0.204	8.44
59) T	2-Hexanone	0.194	0.199	0.198	0.209	0.223	0.169	0.199	8.99
60) T	Dibromochlorometh	0.352	0.355	0.348	0.357	0.376	0.326	0.352	4.55
61) T	1,2-Dibromoethane	0.276	0.275	0.271	0.273	0.289	0.244	0.271	5.48
62) S	4-Bromofluorobenz	0.413	0.394	0.408	0.428	0.413	0.397	0.409	3.01
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.410	0.427	0.430	0.427	0.443	0.402	0.423	3.50
65) PM	Chlorobenzene	0.964	1.003	1.011	0.980	1.028	0.930	0.986	3.61
66) T	1,1,1,2-Tetrachlo	0.372	0.382	0.387	0.388	0.411	0.370	0.385	3.93
67) C	Ethyl Benzene	1.740	1.832	1.834	1.791	1.901	1.725	1.804	3.64#
68) T	m/p-Xylenes	0.642	0.679	0.679	0.677	0.708	0.643	0.671	3.75
69) T	o-Xylene	0.610	0.632	0.645	0.635	0.669	0.605	0.633	3.72
70) T	Styrene	1.016	1.078	1.092	1.095	1.159	1.046	1.081	4.52
71) P	Bromoform	0.249	0.259	0.256	0.267	0.277	0.233	0.257	5.85
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.097	3.268	3.320	3.229	3.483	3.237	3.272	3.87
74) T	N-amyl acetate	1.005	1.046	1.084	1.089	1.184	0.984	1.065	6.69
75) P	1,1,2,2-Tetrachlo	0.673	0.671	0.656	0.655	0.711	0.596	0.660	5.69
76) T	1,2,3-Trichloropr	0.494	0.520	0.483	0.500	0.526	0.447	0.495	5.73
77) T	Bromobenzene	0.837	0.827	0.846	0.823	0.883	0.818	0.839	2.84
78) T	n-propylbenzene	3.726	4.007	4.037	3.891	4.149	3.802	3.935	4.02
79) T	2-Chlorotoluene	2.077	2.214	2.264	2.160	2.329	2.137	2.197	4.15
80) T	1,3,5-Trimethylbe	2.568	2.778	2.823	2.719	2.906	2.680	2.746	4.29
81) T	trans-1,4-Dichlor	0.232	0.264	0.255	0.260	0.279	0.237	0.254	6.91
82) T	4-Chlorotoluene	2.147	2.360	2.305	2.267	2.420	2.223	2.287	4.25
83) T	tert-Butylbenzene	2.307	2.429	2.473	2.398	2.540	2.319	2.411	3.73
84) T	1,2,4-Trimethylbe	2.624	2.781	2.831	2.739	2.941	2.686	2.767	4.04
85) T	sec-Butylbenzene	3.184	3.350	3.461	3.308	3.464	3.174	3.323	3.84
86) T	p-Isopropyltoluen	2.873	3.127	3.157	3.075	3.260	2.985	3.079	4.42
87) T	1,3-Dichlorobenze	1.484	1.575	1.583	1.558	1.674	1.525	1.566	4.09
88) T	1,4-Dichlorobenze	1.480	1.591	1.590	1.535	1.611	1.460	1.545	4.09
89) T	n-Butylbenzene	2.786	3.008	3.062	2.962	3.079	2.781	2.946	4.50
90) T	Hexachloroethane	0.583	0.610	0.627	0.608	0.651	0.591	0.611	4.02
91) T	1,2-Dichlorobenze	1.331	1.454	1.444	1.410	1.476	1.317	1.405	4.75
92) T	1,2-Dibromo-3-Chl	0.119	0.116	0.118	0.121	0.127	0.100	0.117	7.69
93) T	1,2,4-Trichlorobe	1.002	1.088	1.068	1.042	1.100	0.965	1.044	4.99
94) T	Hexachlorobutadie	0.649	0.677	0.689	0.655	0.674	0.609	0.659	4.33
95) T	Naphthalene	1.884	1.893	1.912	1.965	2.077	1.714	1.907	6.22
96) T	1,2,3-Trichlorobe	0.881	0.939	0.901	0.923	0.958	0.839	0.907	4.76

(#) = Out of Range