

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y110220S.M
 Title : SW846 8260
 Last Update : Mon Nov 02 12:40:51 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY003461.D 10 =VY003462.D 20 =VY003463.D
 50 =VY003464.D 100 =VY003465.D 150 =VY003466.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.421	0.407	0.435	0.361	0.418	0.332	0.396	10.10
3) P	Chloromethane	0.559	0.520	0.548	0.482	0.556	0.460	0.521	7.99
4) C	Vinyl Chloride	0.620	0.578	0.620	0.540	0.634	0.516	0.585	8.28#
5) T	Bromomethane	0.565	0.525	0.528	0.430	0.466	0.416	0.488	12.30
6) T	Chloroethane	0.359	0.359	0.371	0.332	0.362	0.308	0.348	6.78
7) T	Trichlorofluorome	0.808	0.787	0.774	0.723	0.746	0.615	0.742	9.33
8) T	Diethyl Ether	0.226	0.238	0.239	0.225	0.236	0.201	0.228	6.27
9) T	1,1,2-Trichlorotr	0.424	0.438	0.431	0.408	0.418	0.341	0.410	8.59
10) T	Methyl Iodide	0.234	0.291	0.330	0.386	0.451		0.338	24.81
11) T	Tert butyl alcoho	0.070	0.067	0.065	0.046	0.053	0.047	0.058	18.60
12) CM	1,1-Dichloroethen	0.416	0.436	0.426	0.403	0.420	0.347	0.408	7.76#
13) T	Acrolein	0.047	0.044	0.046	0.037	0.041	0.040	0.043	8.97
14) T	Allyl chloride	0.752	0.771	0.780	0.727	0.778	0.658	0.744	6.28
15) T	Acrylonitrile	0.118	0.121	0.124	0.117	0.132	0.116	0.121	4.99
16) T	Acetone	0.160	0.154	0.153	0.182	0.202	0.165	0.169	11.31
17) T	Carbon Disulfide	1.370	1.400	1.369	1.298	1.363	1.132	1.322	7.49
18) T	Methyl Acetate	0.338	0.311	0.327	0.306	0.338	0.297	0.320	5.43
19) T	Methyl tert-butyl	1.031	1.023	1.047	0.985	1.061	0.916	1.011	5.25
20) T	Methylene Chlorid	0.564	0.538	0.484	0.435	0.456	0.381	0.476	14.20
21) T	trans-1,2-Dichlor	0.493	0.498	0.487	0.462	0.484	0.411	0.473	6.95
22) T	Diisopropyl ether	1.324	1.358	1.400	1.267	1.339	1.147	1.306	6.81
23) T	Vinyl Acetate	0.918	0.985	1.034	0.969	1.067	0.916	0.981	6.22
24) P	1,1-Dichloroethan	0.854	0.877	0.863	0.809	0.854	0.722	0.830	6.96
25) T	2-Butanone	0.196	0.201	0.205	0.217	0.243	0.207	0.211	7.94
26) T	2,2-Dichloropropa	0.807	0.827	0.802	0.747	0.792	0.663	0.773	7.78
27) T	cis-1,2-Dichloroe	0.520	0.533	0.534	0.502	0.529	0.454	0.512	6.01
28) T	Bromochloromethan	0.407	0.408	0.408	0.415	0.443	0.423	0.417	3.34
29) T	Tetrahydrofuran	0.105	0.109	0.115	0.106	0.121	0.106	0.111	5.80
30) C	Chloroform	0.837	0.847	0.847	0.801	0.843	0.716	0.815	6.33#
31) T	Cyclohexane	0.907	0.840	0.792	0.723	0.744	0.604	0.768	13.60
32) T	1,1,1-Trichloroet	0.759	0.795	0.803	0.748	0.795	0.662	0.760	6.97
33) S	1,2-Dichloroethan	0.525	0.541	0.504	0.481	0.524	0.501	0.513	4.16
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.301	0.308	0.298	0.301	0.316	0.301	0.304	2.22
36) T	1,1-Dichloroprope	0.490	0.487	0.485	0.469	0.489	0.409	0.471	6.66
37) T	Ethyl Acetate	0.290	0.298	0.304	0.275	0.316	0.273	0.293	5.74
38) T	Carbon Tetrachlor	0.491	0.514	0.510	0.485	0.510	0.423	0.489	7.03
39) T	Methylcyclohexane	0.528	0.555	0.539	0.534	0.551	0.443	0.525	7.92
40) TM	Benzene	1.324	1.375	1.371	1.296	1.355	1.151	1.312	6.43
41) T	Methacrylonitrile	0.180	0.146	0.155	0.145	0.166	0.145	0.156	9.23
42) TM	1,2-Dichloroethan	0.428	0.424	0.436	0.396	0.422	0.360	0.411	6.87
43) T	Isopropyl Acetate	0.512	0.526	0.545	0.509	0.571	0.493	0.526	5.35
44) TM	Trichloroethene	0.376	0.391	0.375	0.364	0.384	0.320	0.368	6.91
45) C	1,2-Dichloropropa	0.340	0.350	0.344	0.325	0.338	0.290	0.331	6.57#
46) T	Dibromomethane	0.184	0.187	0.187	0.180	0.190	0.165	0.182	4.98
47) T	Bromodichlorometh	0.434	0.467	0.467	0.442	0.465	0.402	0.446	5.76
48) T	Methyl methacryla	0.224	0.244	0.259	0.244	0.277	0.239	0.248	7.27
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.003	0.002	0.002	6.98
50) S	Toluene-d8	1.231	1.302	1.265	1.235	1.308	1.253	1.266	2.61
51) T	4-Methyl-2-Pentan	0.262	0.278	0.290	0.273	0.310	0.270	0.280	6.11
52) CM	Toluene	0.807	0.851	0.850	0.817	0.868	0.731	0.821	6.04#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.461	0.478	0.491	0.470	0.509	0.439	0.475	5.11
54) T	cis-1,3-Dichlorop	0.520	0.556	0.547	0.535	0.565	0.483	0.534	5.57
55) T	1,1,2-Trichloroet	0.267	0.267	0.266	0.254	0.269	0.230	0.259	5.86
56) T	Ethyl methacrylat	0.317	0.333	0.349	0.349	0.391	0.341	0.347	7.17
57) T	1,3-Dichloropropa	0.442	0.466	0.469	0.441	0.475	0.406	0.450	5.72
58) T	2-Chloroethyl Vin	0.156	0.166	0.191	0.162	0.189	0.189	0.176	9.03
59) T	2-Hexanone	0.185	0.195	0.210	0.211	0.240	0.205	0.208	9.11
60) T	Dibromochlorometh	0.313	0.322	0.328	0.317	0.338	0.289	0.318	5.23
61) T	1,2-Dibromoethane	0.251	0.253	0.258	0.245	0.264	0.228	0.250	4.96
62) S	4-Bromofluorobenz	0.422	0.418	0.411	0.408	0.440	0.418	0.419	2.68
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.382	0.403	0.399	0.365	0.377	0.313	0.373	8.74
65) PM	Chlorobenzene	0.968	1.033	1.017	0.952	1.004	0.855	0.971	6.62
66) T	1,1,1,2-Tetrachlo	0.361	0.388	0.381	0.360	0.384	0.322	0.366	6.70
67) C	Ethyl Benzene	1.739	1.817	1.834	1.744	1.867	1.567	1.761	6.12#
68) T	m/p-Xylenes	0.667	0.691	0.695	0.662	0.703	0.588	0.667	6.31
69) T	o-Xylene	0.604	0.627	0.640	0.616	0.647	0.550	0.614	5.73
70) T	Stvrene	0.983	1.067	1.082	1.048	1.126	0.950	1.043	6.24
71) P	Bromoform	0.239	0.247	0.252	0.239	0.262	0.226	0.244	5.00
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.198	3.413	3.375	3.255	3.459	2.897	3.266	6.30
74) T	N-amyl acetate	0.876	0.908	0.942	0.899	1.022	0.904	0.925	5.61
75) P	1,1,2,2-Tetrachlo	0.709	0.719	0.704	0.669	0.735	0.650	0.698	4.61
76) T	1,2,3-Trichloropr	0.559	0.530	0.536	0.517	0.550	0.482	0.529	5.17
77) T	Bromobenzene	0.854	0.865	0.851	0.815	0.860	0.735	0.830	6.00
78) T	n-propylbenzene	3.754	4.036	3.992	3.866	4.061	3.373	3.847	6.74
79) T	2-Chlorotoluene	2.156	2.263	2.197	2.126	2.261	1.895	2.149	6.35
80) T	1,3,5-Trimethylbe	2.627	2.864	2.832	2.717	2.848	2.350	2.706	7.28
81) T	trans-1,4-Dichlor	0.253	0.254	0.253	0.243	0.273	0.245	0.253	4.27
82) T	4-Chlorotoluene	2.248	2.372	2.303	2.230	2.348	1.977	2.246	6.36
83) T	tert-Butylbenzene	2.362	2.511	2.498	2.428	2.524	2.078	2.400	7.05
84) T	1,2,4-Trimethylbe	2.617	2.836	2.815	2.728	2.851	2.381	2.705	6.69
85) T	sec-Butylbenzene	3.191	3.425	3.413	3.314	3.397	2.758	3.250	7.89
86) T	p-Isopropyltoluen	2.951	3.126	3.148	3.076	3.193	2.590	3.014	7.41
87) T	1,3-Dichlorobenze	1.559	1.641	1.589	1.528	1.608	1.350	1.546	6.69
88) T	1,4-Dichlorobenze	1.541	1.652	1.618	1.518	1.579	1.315	1.537	7.76
89) T	n-Butylbenzene	2.713	2.840	2.884	2.847	2.884	2.349	2.753	7.54
90) T	Hexachloroethane	0.510	0.525	0.532	0.509	0.530	0.438	0.507	6.96
91) T	1,2-Dichlorobenze	1.369	1.460	1.451	1.353	1.417	1.190	1.373	7.25
92) T	1,2-Dibromo-3-Chl	0.122	0.130	0.129	0.122	0.135	0.119	0.126	4.91
93) T	1,2,4-Trichlorobe	0.944	1.027	1.032	0.991	1.000	0.835	0.971	7.62
94) T	Hexachlorobutadie	0.664	0.686	0.684	0.620	0.606	0.489	0.625	11.90
95) T	Naphthalene	1.773	1.920	1.980	1.980	2.163	1.853	1.945	6.85
96) T	1,2,3-Trichlorobe	0.856	0.924	0.923	0.890	0.900	0.749	0.874	7.54

(#) = Out of Range