

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y021720S.M
 Title : SW846 8260
 Last Update : Mon Feb 17 12:19:53 2020
 Response Via : Initial Calibration

Calibration Files

10 =VY001636.D 5 =VY001635.D 20 =VY001637.D
 50 =VY001638.D 100 =VY001639.D 150 =VY001640.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.456	0.451	0.463	0.525	0.528	0.502	0.487	7.23
3) P	Chloromethane	0.667	0.704	0.640	0.664	0.656	0.603	0.656	5.06
4) C	Vinyl Chloride	0.667	0.659	0.660	0.677	0.677	0.627	0.661	2.82#
5) T	Bromomethane	0.445	0.466	0.420	0.420	0.406	0.323	0.413	11.94
6) T	Chloroethane	0.417	0.408	0.425	0.409	0.409	0.378	0.407	3.94
7) T	Trichlorofluorome	0.874	0.847	0.864	0.845	0.853	0.795	0.846	3.24
8) T	Diethyl Ether	0.338	0.355	0.340	0.326	0.331	0.311	0.334	4.42
9) T	1,1,2-Trichlorotr	0.533	0.540	0.543	0.535	0.532	0.507	0.532	2.40
10) T	Methyl Iodide	0.625	0.549	0.673	0.701	0.705	0.653	0.651	8.94
11) T	Tert butyl alcoho	0.086	0.106	0.077	0.060	0.061	0.057	0.075	25.55
12) CM	1,1-Dichloroethen	0.567	0.538	0.557	0.537	0.544	0.512	0.543	3.49#
13) T	Acrolein	0.054	0.057	0.057	0.051	0.054	0.053	0.054	3.87
14) T	Allyl chloride	0.995	0.914	0.997	0.968	0.984	0.936	0.966	3.52
15) T	Acrylonitrile	0.173	0.162	0.172	0.173	0.177	0.169	0.171	2.94
16) T	Acetone	0.167	0.170	0.157	0.215	0.212	0.196	0.186	13.33
17) T	Carbon Disulfide	1.825	1.776	1.833	1.823	1.846	1.765	1.811	1.81
18) T	Methyl Acetate	0.410	0.439	0.399	0.398	0.401	0.386	0.405	4.45
19) T	Methyl tert-butyl	1.521	1.496	1.529	1.502	1.550	1.465	1.510	1.96
20) T	Methylene Chlorid	0.705	0.809	0.671	0.601	0.605	0.575	0.661	13.17
21) T	trans-1,2-Dichlor	0.624	0.618	0.639	0.611	0.625	0.598	0.619	2.26
22) T	Diisopropyl ether	2.010	1.928	2.024	1.981	2.050	1.904	1.983	2.87
23) T	Vinyl Acetate	1.308	1.205	1.297	1.323	1.364	1.264	1.293	4.21
24) P	1,1-Dichloroethan	1.072	1.039	1.091	1.058	1.079	1.019	1.060	2.52
25) T	2-Butanone	0.243	0.233	0.228	0.276	0.280	0.257	0.253	8.63
26) T	2,2-Dichloropropa	0.954	0.965	0.953	0.893	0.911	0.857	0.922	4.62
27) T	cis-1,2-Dichloroe	0.700	0.686	0.716	0.668	0.687	0.643	0.683	3.67
28) T	Bromochloromethan	0.420	0.380	0.423	0.464	0.500	0.462	0.441	9.56
29) T	Tetrahydrofuran	0.153	0.149	0.149	0.157	0.159	0.150	0.153	2.91
30) C	Chloroform	1.072	1.070	1.052	1.014	1.032	0.973	1.035	3.67#
31) T	Cyclohexane	1.179	1.253	1.134	1.075	1.104	1.034	1.130	6.89
32) T	1,1,1-Trichloroet	0.883	0.844	0.899	0.868	0.891	0.837	0.870	2.93
33) S	1,2-Dichloroethan	0.502	0.574	0.500	0.530	0.568	0.552	0.538	6.00

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.284	0.300	0.294	0.272	0.286	0.282	0.286	3.34
36) T	1,1-Dichloroprope	0.487	0.483	0.497	0.480	0.476	0.443	0.478	3.89
37) T	Ethyl Acetate	0.296	0.290	0.284	0.285	0.285	0.270	0.285	3.10
38) T	Carbon Tetrachlor	0.423	0.420	0.438	0.427	0.419	0.389	0.420	3.94
39) T	Methylcyclohexane	0.648	0.642	0.649	0.634	0.640	0.589	0.634	3.54
40) TM	Benzene	1.432	1.410	1.472	1.405	1.407	1.301	1.405	4.03
41) T	Methacrylonitrile	0.158	0.125	0.149	0.155	0.127	0.145	0.143	9.88
42) TM	1,2-Dichloroethan	0.393	0.380	0.403	0.383	0.386	0.351	0.383	4.59
43) T	Isopropyl Acetate	0.554	0.505	0.550	0.560	0.557	0.520	0.541	4.18
44) TM	Trichloroethene	0.360	0.360	0.365	0.350	0.346	0.321	0.351	4.59
45) C	1,2-Dichloropropa	0.352	0.349	0.374	0.350	0.355	0.331	0.352	3.91#
46) T	Dibromomethane	0.188	0.184	0.187	0.185	0.186	0.174	0.184	2.90
47) T	Bromodichlorometh	0.442	0.446	0.461	0.449	0.448	0.418	0.444	3.16
48) T	Methyl methacryla	0.244	0.239	0.244	0.253	0.254	0.235	0.245	3.02
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	2.59
50) S	Toluene-d8	0.967	1.246	1.002	1.144	1.204	1.169	1.122	10.03
51) T	4-Methyl-2-Pentan	0.284	0.268	0.276	0.289	0.286	0.264	0.278	3.76
52) CM	Toluene	0.897	0.863	0.911	0.888	0.882	0.816	0.876	3.86#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.487	0.460	0.505	0.511	0.510	0.471	0.491	4.43
54) T	cis-1,3-Dichlorop	0.565	0.548	0.585	0.574	0.583	0.536	0.565	3.46
55) T	1,1,2-Trichloroet	0.280	0.257	0.279	0.277	0.279	0.256	0.271	4.23
56) T	Ethyl methacrylat	0.398	0.374	0.406	0.426	0.435	0.403	0.407	5.28
57) T	1,3-Dichloropropa	0.493	0.472	0.495	0.495	0.484	0.452	0.482	3.58
58) T	2-Chloroethyl Vin	0.209	0.173	0.200	0.142	0.153	0.144	0.170	16.97
59) T	2-Hexanone	0.205	0.189	0.202	0.229	0.224	0.203	0.209	7.20
60) T	Dibromochlorometh	0.299	0.283	0.308	0.311	0.309	0.285	0.299	4.18
61) T	1,2-Dibromoethane	0.258	0.243	0.260	0.264	0.265	0.249	0.257	3.49
62) S	4-Bromofluorobenz	0.423	0.453	0.456	0.419	0.441	0.422	0.436	3.81
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.331	0.329	0.329	0.309	0.305	0.280	0.314	6.43
65) PM	Chlorobenzene	1.028	1.006	1.048	0.998	0.990	0.920	0.998	4.41
66) T	1,1,1,2-Tetrachlo	0.355	0.333	0.359	0.339	0.331	0.304	0.337	5.84
67) C	Ethyl Benzene	1.895	1.865	1.963	1.862	1.841	1.689	1.853	4.90#
68) T	m/p-Xylenes	0.718	0.689	0.737	0.699	0.685	0.625	0.692	5.53
69) T	o-Xylene	0.670	0.664	0.693	0.670	0.657	0.594	0.658	5.08
70) T	Styrene	1.153	1.121	1.204	1.168	1.158	1.056	1.143	4.40
71) P	Bromoform	0.188	0.178	0.195	0.203	0.203	0.187	0.192	5.19
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.876	3.817	3.900	3.775	3.878	3.609	3.809	2.85
74) T	N-amyl acetate	1.219	1.175	1.209	1.250	1.258	1.182	1.216	2.80
75) P	1,1,2,2-Tetrachlo	0.812	0.776	0.791	0.837	0.856	0.807	0.813	3.62
76) T	1,2,3-Trichloropr	0.604	0.655	0.557	0.520	0.587	0.518	0.574	9.20
77) T	Bromobenzene	0.849	0.846	0.856	0.817	0.818	0.767	0.826	4.00
78) T	n-propylbenzene	4.708	4.559	4.756	4.667	4.730	4.415	4.639	2.80
79) T	2-Chlorotoluene	2.635	2.580	2.676	2.582	2.662	2.477	2.602	2.81
80) T	1,3,5-Trimethylbe	3.226	3.141	3.225	3.181	3.196	2.950	3.153	3.31
81) T	trans-1,4-Dichlor	0.279	0.270	0.298	0.325	0.327	0.315	0.302	8.01
82) T	4-Chlorotoluene	2.741	2.730	2.799	2.791	2.776	2.627	2.744	2.31
83) T	tert-Butylbenzene	2.714	2.596	2.767	2.666	2.623	2.457	2.637	4.09
84) T	1,2,4-Trimethylbe	3.199	3.223	3.242	3.162	3.140	2.895	3.144	4.06
85) T	sec-Butylbenzene	3.918	3.947	3.985	3.903	3.916	3.602	3.879	3.58
86) T	p-Isopropyltoluen	3.547	3.375	3.540	3.405	3.309	3.041	3.369	5.52
87) T	1,3-Dichlorobenze	1.701	1.669	1.674	1.597	1.555	1.412	1.601	6.72
88) T	1,4-Dichlorobenze	1.680	1.692	1.676	1.601	1.596	1.467	1.619	5.26
89) T	n-Butylbenzene	3.479	3.462	3.576	3.473	3.469	3.197	3.443	3.70
90) T	Hexachloroethane	0.636	0.618	0.637	0.651	0.656	0.611	0.635	2.80
91) T	1,2-Dichlorobenze	1.523	1.529	1.538	1.471	1.455	1.351	1.478	4.77
92) T	1,2-Dibromo-3-Chl	0.131	0.131	0.133	0.137	0.141	0.133	0.134	2.77
93) T	1,2,4-Trichlorobe	1.027	1.036	1.016	0.975	0.939	0.884	0.979	6.05
94) T	Hexachlorobutadie	0.523	0.546	0.507	0.470	0.458	0.419	0.487	9.57
95) T	Naphthalene	2.247	2.250	2.280	2.287	2.303	2.181	2.258	1.93
96) T	1,2,3-Trichlorobe	0.892	0.921	0.889	0.855	0.835	0.778	0.862	5.91

(#) = Out of Range