

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y061920S.M
 Title : SW846 8260
 Last Update : Sat Jun 20 06:39:15 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002933.D 10 =VY002934.D 20 =VY002935.D
 50 =VY002936.D 100 =VY002937.D 150 =VY002938.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.385	0.288	0.265	0.331	0.321	0.322	0.319	12.76
3) P	Chloromethane	0.446	0.330	0.309	0.370	0.356	0.361	0.362	12.95
4) C	Vinyl Chloride	0.435	0.362	0.336	0.408	0.397	0.394	0.389	9.02#
5) T	Bromomethane	0.348	0.282	0.245	0.304	0.290	0.252	0.287	13.11
6) T	Chloroethane	0.276	0.236	0.223	0.267	0.264	0.243	0.251	8.15
7) T	Trichlorofluorome	0.757	0.669	0.642	0.730	0.722	0.666	0.698	6.44
8) T	Diethyl Ether	0.264	0.247	0.228	0.265	0.260	0.247	0.252	5.60
9) T	1,1,2-Trichlorotr	0.439	0.413	0.398	0.437	0.434	0.400	0.420	4.54
10) T	Methyl Iodide	0.548	0.511	0.516	0.662	0.656	0.599	0.582	11.59
11) T	Tert butyl alcoho	0.064	0.056	0.049	0.045	0.044	0.042	0.050	17.01
12) CM	1,1-Dichloroethen	0.449	0.394	0.381	0.440	0.432	0.405	0.417	6.59#
13) T	Acrolein	0.036	0.040	0.040	0.045	0.045	0.044	0.041	8.74
14) T	Allyl chloride	0.630	0.583	0.551	0.632	0.624	0.587	0.601	5.49
15) T	Acrylonitrile	0.119	0.124	0.115	0.125	0.123	0.118	0.121	3.38
16) T	Acetone	0.108	0.099	0.091	0.110	0.106	0.099	0.102	7.00
17) T	Carbon Disulfide	1.331	1.066	1.013	1.378	1.357	1.248	1.232	12.70
18) T	Methyl Acetate	0.442	0.309	0.285	0.260	0.254	0.245	0.299	24.70
19) T	Methyl tert-butyl	1.132	1.134	1.082	1.180	1.170	1.113	1.135	3.18
20) T	Methylene Chlorid	1.369	0.627	0.520	0.514	0.480	0.444	0.659	53.57
21) T	trans-1,2-Dichlor	0.501	0.437	0.420	0.490	0.483	0.446	0.463	7.08
22) T	Diisopropyl ether	1.256	1.239	1.187	1.274	1.239	1.167	1.227	3.37
23) T	Vinyl Acetate	0.696	0.789	0.758	0.866	0.847	0.808	0.794	7.80
24) P	1,1-Dichloroethan	0.749	0.720	0.685	0.765	0.748	0.695	0.727	4.43
25) T	2-Butanone	0.155	0.157	0.144	0.158	0.156	0.149	0.153	3.63
26) T	2,2-Dichloropropa	0.752	0.694	0.638	0.689	0.672	0.629	0.679	6.54
27) T	cis-1,2-Dichloroe	0.535	0.514	0.485	0.539	0.533	0.497	0.517	4.33
28) T	Bromochloromethan	0.302	0.294	0.283	0.335	0.312	0.298	0.304	5.98
29) T	Tetrahydrofuran	0.099	0.101	0.093	0.102	0.101	0.097	0.099	3.47
30) C	Chloroform	0.781	0.758	0.727	0.793	0.780	0.729	0.761	3.67#
31) T	Cyclohexane	0.832	0.683	0.639	0.728	0.711	0.661	0.709	9.65
32) T	1,1,1-Trichloroet	0.730	0.682	0.662	0.732	0.728	0.676	0.702	4.53
33) S	1,2-Dichloroethan	0.440	0.402	0.389	0.438	0.411	0.398	0.413	5.16

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.295	0.278	0.271	0.300	0.281	0.272	0.283	4.29
36) T	1,1-Dichloroprope	0.431	0.388	0.376	0.426	0.426	0.390	0.406	5.94
37) T	Ethyl Acetate	0.236	0.234	0.215	0.226	0.226	0.215	0.225	3.88
38) T	Carbon Tetrachlor	0.458	0.433	0.420	0.470	0.471	0.433	0.448	4.85
39) T	Methylcyclohexane	0.568	0.496	0.483	0.566	0.573	0.525	0.535	7.43
40) TM	Benzene	1.291	1.168	1.132	1.254	1.254	1.156	1.209	5.39
41) T	Methacrylonitrile	0.102	0.111	0.103	0.138	0.113	0.111	0.113	11.84
42) TM	1,2-Dichloroethan	0.352	0.331	0.320	0.344	0.345	0.321	0.336	4.01
43) T	Isopropyl Acetate	0.422	0.416	0.398	0.433	0.436	0.414	0.420	3.33
44) TM	Trichloroethene	0.399	0.364	0.352	0.391	0.385	0.356	0.374	5.25
45) C	1,2-Dichloropropa	0.295	0.295	0.277	0.301	0.300	0.276	0.291	3.76#
46) T	Dibromomethane	0.184	0.171	0.162	0.180	0.178	0.166	0.174	4.93
47) T	Bromodichlorometh	0.397	0.404	0.386	0.426	0.423	0.396	0.405	4.00
48) T	Methyl methacryla	0.183	0.184	0.179	0.196	0.199	0.189	0.188	4.21
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.002	0.003	5.48
50) S	Toluene-d8	1.149	1.080	1.066	1.199	1.135	1.064	1.116	4.88
51) T	4-Methyl-2-Pentan	0.219	0.228	0.214	0.230	0.229	0.215	0.223	3.33
52) CM	Toluene	0.818	0.765	0.739	0.810	0.815	0.748	0.782	4.59#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.438	0.432	0.418	0.458	0.465	0.431	0.440	4.02
54) T	cis-1,3-Dichlorop	0.494	0.488	0.473	0.526	0.521	0.488	0.499	4.16
55) T	1,1,2-Trichloroet	0.268	0.262	0.249	0.265	0.264	0.245	0.259	3.64
56) T	Ethyl methacrylat	0.340	0.338	0.329	0.369	0.370	0.349	0.349	4.90
57) T	1,3-Dichloropropa	0.446	0.435	0.414	0.447	0.440	0.408	0.432	3.88
58) T	2-Chloroethyl Vin	0.168	0.170	0.157	0.192	0.183	0.172	0.174	6.87
59) T	2-Hexanone	0.148	0.159	0.151	0.164	0.163	0.152	0.156	4.28
60) T	Dibromochlorometh	0.325	0.330	0.322	0.342	0.342	0.321	0.330	2.94
61) T	1,2-Dibromoethane	0.258	0.263	0.243	0.266	0.265	0.247	0.257	3.88
62) S	4-Bromofluorobenz	0.421	0.378	0.371	0.410	0.380	0.362	0.387	6.06
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.455	0.412	0.394	0.432	0.421	0.386	0.417	6.08
65) PM	Chlorobenzene	0.985	0.927	0.907	0.980	0.972	0.908	0.946	3.85
66) T	1,1,1,2-Tetrachlo	0.356	0.350	0.348	0.375	0.371	0.345	0.358	3.50
67) C	Ethyl Benzene	1.670	1.577	1.564	1.708	1.705	1.571	1.633	4.25#
68) T	m/p-Xylenes	0.653	0.610	0.602	0.668	0.661	0.613	0.634	4.57
69) T	o-Xylene	0.605	0.577	0.574	0.632	0.621	0.579	0.598	4.23
70) T	Styrene	1.028	0.996	0.995	1.093	1.082	1.005	1.033	4.26
71) P	Bromoform	0.231	0.238	0.232	0.251	0.249	0.235	0.239	3.65
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.053	3.013	2.958	3.184	3.208	2.970	3.064	3.52
74) T	N-amyl acetate	0.737	0.788	0.755	0.824	0.835	0.796	0.789	4.83
75) P	1,1,2,2-Tetrachlo	0.564	0.577	0.548	0.575	0.585	0.560	0.568	2.35
76) T	1,2,3-Trichloropr	0.431	0.450	0.428	0.432	0.450	0.423	0.435	2.70
77) T	Bromobenzene	0.824	0.781	0.771	0.831	0.828	0.778	0.802	3.53
78) T	n-propylbenzene	3.583	3.514	3.418	3.689	3.713	3.414	3.555	3.65
79) T	2-Chlorotoluene	2.009	1.989	1.906	2.056	2.064	1.923	1.991	3.32
80) T	1,3,5-Trimethylbe	2.555	2.491	2.465	2.668	2.672	2.476	2.555	3.72
81) T	trans-1,4-Dichlor	0.223	0.224	0.211	0.236	0.243	0.231	0.228	4.91
82) T	4-Chlorotoluene	2.157	2.081	2.002	2.158	2.162	2.004	2.094	3.66
83) T	tert-Butylbenzene	2.303	2.258	2.220	2.387	2.378	2.183	2.288	3.63
84) T	1,2,4-Trimethylbe	2.558	2.534	2.506	2.688	2.668	2.470	2.571	3.44
85) T	sec-Butylbenzene	3.191	3.082	3.030	3.233	3.184	2.956	3.113	3.45
86) T	p-Isopropyltoluen	2.933	2.897	2.839	3.044	3.023	2.782	2.920	3.50
87) T	1,3-Dichlorobenze	1.573	1.502	1.468	1.550	1.543	1.439	1.512	3.44
88) T	1,4-Dichlorobenze	1.606	1.483	1.471	1.549	1.546	1.431	1.514	4.20
89) T	n-Butylbenzene	2.677	2.632	2.578	2.745	2.720	2.484	2.639	3.68
90) T	Hexachloroethane	0.538	0.539	0.524	0.564	0.569	0.528	0.544	3.43
91) T	1,2-Dichlorobenze	1.416	1.388	1.341	1.410	1.399	1.304	1.376	3.22
92) T	1,2-Dibromo-3-Chl	0.106	0.107	0.106	0.106	0.108	0.104	0.106	1.26
93) T	1,2,4-Trichlorobe	1.055	1.040	1.006	1.061	1.046	0.988	1.033	2.84
94) T	Hexachlorobutadie	0.618	0.618	0.593	0.605	0.592	0.547	0.595	4.43
95) T	Naphthalene	2.023	2.027	1.976	2.112	2.153	2.059	2.059	3.13
96) T	1,2,3-Trichlorobe	0.933	0.933	0.907	0.937	0.936	0.884	0.921	2.34

(#) = Out of Range