

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y032620S.M
 Title : SW846 8260
 Last Update : Fri Mar 27 07:11:05 2020
 Response Via : Initial Calibration

Calibration Files

10 =VY002087.D 5 =VY002086.D 20 =VY002088.D
 50 =VY002089.D 100 =VY002090.D 150 =VY002091.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.523	0.474	0.483	0.303	0.311	0.283	0.396	27.28
3) P	Chloromethane	0.671	0.653	0.654	0.524	0.525	0.478	0.584	14.44
4) C	Vinyl Chloride	0.675	0.621	0.637	0.559	0.568	0.506	0.594	10.32#
5) T	Bromomethane	0.455	0.434	0.396	0.378	0.369	0.295	0.388	14.46
6) T	Chloroethane	0.415	0.379	0.408	0.377	0.381	0.330	0.382	7.91
7) T	Trichlorofluorome	0.863	0.858	0.855	0.780	0.799	0.731	0.814	6.57
8) T	Diethyl Ether	0.361	0.355	0.359	0.330	0.340	0.324	0.345	4.51
9) T	1,1,2-Trichlorotr	0.566	0.552	0.549	0.515	0.534	0.489	0.534	5.22
10) T	Methyl Iodide	0.630	0.554	0.644	0.659	0.695	0.630	0.635	7.35
11) T	Tert butyl alcoho	0.074	0.077	0.068	0.056	0.054	0.061	0.065	14.70
12) CM	1,1-Dichloroethen	0.571	0.549	0.550	0.532	0.549	0.505	0.543	4.06#
13) T	Acrolein	0.075	0.068	0.079	0.088	0.093	0.085	0.081	11.25
14) T	Allyl chloride	1.014	1.000	1.002	1.009	1.019	0.916	0.993	3.89
15) T	Acrylonitrile	0.193	0.177	0.187	0.179	0.178	0.171	0.181	4.34
16) T	Acetone	0.171	0.173	0.158	0.153	0.143	0.134	0.155	9.89
17) T	Carbon Disulfide	1.877	1.797	1.842	1.773	1.839	1.675	1.801	3.97
18) T	Methyl Acetate	0.433	0.417	0.417	0.388	0.387	0.377	0.403	5.48
19) T	Methyl tert-butyl	1.533	1.493	1.546	1.507	1.543	1.459	1.514	2.23
20) T	Methylene Chlorid	0.893	1.074	0.772	0.623	0.641	0.587	0.765	24.74
21) T	trans-1,2-Dichlor	0.630	0.605	0.629	0.619	0.641	0.583	0.618	3.36
22) T	Diisopropyl ether	2.118	2.019	2.085	2.067	2.071	1.836	2.033	5.01
23) T	Vinyl Acetate	1.385	1.285	1.381	1.356	1.347	1.241	1.333	4.31
24) P	1,1-Dichloroethan	1.117	1.066	1.081	1.094	1.117	1.009	1.081	3.76
25) T	2-Butanone	0.261	0.243	0.247	0.235	0.228	0.217	0.238	6.44
26) T	2,2-Dichloropropa	0.938	0.892	0.885	0.898	0.907	0.820	0.890	4.38
27) T	cis-1,2-Dichloroe	0.691	0.659	0.691	0.686	0.707	0.645	0.680	3.40
28) T	Bromochloromethan	0.493	0.446	0.477	0.536	0.525	0.484	0.493	6.63
29) T	Tetrahydrofuran	0.167	0.160	0.160	0.155	0.151	0.144	0.156	5.03
30) C	Chloroform	1.038	1.034	1.019	1.031	1.062	0.962	1.024	3.29#
31) T	Cyclohexane	1.230	1.299	1.163	1.100	1.118	0.999	1.152	9.13
32) T	1,1,1-Trichloroet	0.872	0.846	0.843	0.869	0.897	0.805	0.855	3.69
33) S	1,2-Dichloroethan	0.543	0.545	0.563	0.550	0.579	0.537	0.553	2.81
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.279	0.272	0.279	0.277	0.300	0.275	0.280	3.55
36) T	1,1-Dichloroprope	0.496	0.483	0.478	0.471	0.479	0.431	0.473	4.67
37) T	Ethyl Acetate	0.304	0.312	0.299	0.274	0.267	0.260	0.286	7.56
38) T	Carbon Tetrachlor	0.419	0.392	0.405	0.406	0.413	0.373	0.401	4.09
39) T	Methylcyclohexane	0.659	0.620	0.622	0.621	0.633	0.567	0.620	4.83
40) TM	Benzene	1.466	1.398	1.422	1.403	1.429	1.287	1.401	4.35
41) T	Methacrylonitrile	0.149	0.144	0.174	0.143	0.116	0.141	0.145	12.94
42) TM	1,2-Dichloroethan	0.395	0.378	0.383	0.368	0.368	0.340	0.372	4.99
43) T	Isopropyl Acetate	0.563	0.527	0.550	0.526	0.520	0.497	0.530	4.40
44) TM	Trichloroethene	0.352	0.335	0.343	0.341	0.341	0.313	0.338	3.93
45) C	1,2-Dichloropropa	0.370	0.348	0.365	0.360	0.366	0.331	0.357	4.12#
46) T	Dibromomethane	0.188	0.181	0.188	0.183	0.187	0.172	0.183	3.45
47) T	Bromodichlorometh	0.427	0.400	0.431	0.437	0.452	0.412	0.426	4.33
48) T	Methyl methacryla	0.253	0.231	0.252	0.234	0.235	0.223	0.238	5.08
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.002	0.002	0.003	3.67
50) S	Toluene-d8	1.164	1.132	1.166	1.176	1.238	1.108	1.164	3.79
51) T	4-Methyl-2-Pentan	0.294	0.269	0.289	0.271	0.264	0.252	0.273	5.68
52) CM	Toluene	0.869	0.833	0.861	0.849	0.883	0.788	0.847	4.00#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.477	0.443	0.478	0.484	0.501	0.457	0.473	4.33
54) T	cis-1,3-Dichlorop	0.573	0.531	0.556	0.569	0.583	0.532	0.557	3.92
55) T	1,1,2-Trichloroet	0.279	0.272	0.279	0.274	0.272	0.251	0.271	3.92
56) T	Ethyl methacrylat	0.396	0.376	0.409	0.397	0.412	0.385	0.396	3.46
57) T	1,3-Dichloropropa	0.490	0.477	0.497	0.480	0.483	0.447	0.479	3.58
58) T	2-Chloroethyl Vin	0.208	0.197	0.216	0.200	0.204	0.195	0.203	3.89
59) T	2-Hexanone	0.212	0.190	0.203	0.192	0.183	0.174	0.192	7.09
60) T	Dibromochlorometh	0.288	0.263	0.285	0.288	0.302	0.277	0.284	4.60
61) T	1,2-Dibromoethane	0.263	0.247	0.258	0.253	0.259	0.242	0.254	3.12
62) S	4-Bromofluorobenz	0.407	0.404	0.409	0.414	0.426	0.382	0.407	3.48
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.320	0.310	0.315	0.305	0.310	0.274	0.306	5.30
65) PM	Chlorobenzene	0.999	0.952	0.981	0.968	0.993	0.899	0.965	3.79
66) T	1,1,1,2-Tetrachlo	0.338	0.312	0.326	0.325	0.333	0.303	0.323	4.05
67) C	Ethyl Benzene	1.860	1.732	1.828	1.825	1.860	1.652	1.793	4.66#
68) T	m/p-Xylenes	0.684	0.650	0.675	0.674	0.687	0.607	0.663	4.54
69) T	o-Xylene	0.651	0.620	0.641	0.635	0.651	0.574	0.629	4.64
70) T	Stvrene	1.102	1.049	1.103	1.122	1.142	1.019	1.089	4.26
71) P	Bromoform	0.174	0.161	0.179	0.182	0.188	0.176	0.177	5.22
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.761	3.630	3.588	3.794	3.924	3.557	3.709	3.82
74) T	N-amyl acetate	1.238	1.159	1.169	1.178	1.160	1.115	1.170	3.38
75) P	1,1,2,2-Tetrachlo	0.839	0.762	0.780	0.806	0.810	0.791	0.798	3.32
76) T	1,2,3-Trichloropr	0.570	0.579	0.531	0.592	0.551	0.532	0.559	4.52
77) T	Bromobenzene	0.827	0.751	0.773	0.813	0.830	0.757	0.792	4.46
78) T	n-propylbenzene	4.711	4.534	4.499	4.700	4.847	4.327	4.603	4.04
79) T	2-Chlorotoluene	2.595	2.459	2.431	2.592	2.672	2.414	2.527	4.21
80) T	1,3,5-Trimethylbe	3.101	3.044	2.985	3.155	3.196	2.879	3.060	3.81
81) T	trans-1,4-Dichlor	0.286	0.256	0.286	0.296	0.307	0.300	0.289	6.19
82) T	4-Chlorotoluene	2.708	2.654	2.610	2.718	2.789	2.499	2.663	3.78
83) T	tert-Butylbenzene	2.567	2.472	2.449	2.655	2.730	2.453	2.554	4.61
84) T	1,2,4-Trimethylbe	3.149	3.024	3.007	3.131	3.170	2.837	3.053	4.11
85) T	sec-Butylbenzene	3.970	3.719	3.660	3.889	3.940	3.522	3.783	4.70
86) T	p-Isopropyltoluen	3.435	3.134	3.221	3.372	3.368	2.963	3.249	5.50
87) T	1,3-Dichlorobenze	1.638	1.583	1.549	1.567	1.567	1.390	1.549	5.39
88) T	1,4-Dichlorobenze	1.672	1.523	1.532	1.586	1.600	1.439	1.559	5.11
89) T	n-Butylbenzene	3.511	3.394	3.342	3.475	3.501	3.088	3.385	4.72
90) T	Hexachloroethane	0.603	0.589	0.592	0.636	0.662	0.591	0.612	4.94
91) T	1,2-Dichlorobenze	1.496	1.441	1.394	1.456	1.470	1.324	1.430	4.34
92) T	1,2-Dibromo-3-Chl	0.130	0.135	0.131	0.123	0.126	0.123	0.128	3.69
93) T	1,2,4-Trichlorobe	0.942	0.966	0.904	0.921	0.959	0.840	0.922	5.02
94) T	Hexachlorobutadie	0.479	0.490	0.450	0.453	0.458	0.401	0.455	6.80
95) T	Naphthalene	2.276	2.150	2.149	2.185	2.250	2.129	2.190	2.74
96) T	1,2,3-Trichlorobe	0.876	0.890	0.817	0.826	0.842	0.765	0.836	5.33

(#) = Out of Range