

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y062520S.M
 Title : SW846 8260
 Last Update : Thu Jun 25 18:46:18 2020
 Response Via : Initial Calibration

Calibration Files

5 =VY002991.D 10 =VY002992.D 20 =VY002993.D
 50 =VY002994.D 100 =VY002995.D 150 =VY002996.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.366	0.282	0.283	0.304	0.279	0.286	0.300	11.12
3) P	Chloromethane	0.466	0.416	0.413	0.406	0.378	0.397	0.413	7.15
4) C	Vinyl Chloride	0.430	0.417	0.416	0.422	0.393	0.405	0.414	3.20#
5) T	Bromomethane	0.301	0.290	0.314	0.309	0.305	0.333	0.309	4.73
6) T	Chloroethane	0.267	0.266	0.275	0.271	0.260	0.272	0.269	2.04
7) T	Trichlorofluorome	0.777	0.766	0.802	0.816	0.759	0.794	0.786	2.80
8) T	Diethyl Ether	0.249	0.234	0.223	0.244	0.220	0.249	0.237	5.43
9) T	1,1,2-Trichlorotr	0.417	0.405	0.412	0.442	0.385	0.400	0.410	4.61
10) T	Methyl Iodide	0.522	0.564	0.582	0.625	0.566	0.583	0.574	5.82
11) T	Tert butyl alcoho	0.052	0.046	0.039	0.042	0.036	0.041	0.043	12.95
12) CM	1,1-Dichloroethen	0.400	0.410	0.403	0.431	0.379	0.389	0.402	4.46#
13) T	Acrolein	0.042	0.044	0.041	0.044	0.041	0.043	0.043	3.16
14) T	Allyl chloride	0.657	0.639	0.646	0.692	0.595	0.598	0.638	5.79
15) T	Acrylonitrile	0.115	0.109	0.105	0.113	0.102	0.108	0.109	4.40
16) T	Acetone	0.090	0.093	0.085	0.099	0.088	0.095	0.092	5.76
17) T	Carbon Disulfide	1.263	1.231	1.249	1.340	1.159	1.159	1.233	5.59
18) T	Methyl Acetate	0.268	0.237	0.229	0.254	0.222	0.231	0.240	7.22
19) T	Methyl tert-butyl	1.155	1.149	1.119	1.156	1.086	1.101	1.128	2.66
20) T	Methylene Chlorid	0.733	0.622	0.525	0.484	0.424	0.423	0.535	22.82
21) T	trans-1,2-Dichlor	0.473	0.447	0.459	0.457	0.418	0.419	0.445	5.04
22) T	Diisopropyl ether	1.318	1.302	1.321	1.275	1.170	1.319	1.284	4.57
23) T	Vinyl Acetate	0.880	0.866	0.865	0.879	0.806	0.915	0.868	4.09
24) P	1,1-Dichloroethan	0.759	0.735	0.759	0.743	0.679	0.758	0.739	4.22
25) T	2-Butanone	0.155	0.146	0.137	0.140	0.130	0.152	0.143	6.57
26) T	2,2-Dichloropropa	0.807	0.772	0.772	0.728	0.658	0.724	0.744	7.00
27) T	cis-1,2-Dichloroe	0.510	0.508	0.515	0.492	0.452	0.504	0.497	4.69
28) T	Bromochloromethan	0.300	0.278	0.263	0.301	0.296	0.323	0.294	7.11
29) T	Tetrahydrofuran	0.101	0.096	0.090	0.094	0.088	0.102	0.095	6.07
30) C	Chloroform	0.811	0.790	0.818	0.774	0.762	0.742	0.783	3.72#
31) T	Cyclohexane	0.836	0.724	0.723	0.671	0.624	0.569	0.691	13.38
32) T	1,1,1-Trichloroet	0.764	0.767	0.789	0.744	0.698	0.675	0.739	5.97
33) S	1,2-Dichloroethan	0.492	0.417	0.439	0.383	0.437	0.400	0.428	8.95

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.327	0.297	0.296	0.337	0.317	0.308	0.314	5.22
36) T	1,1-Dichloroprope	0.453	0.481	0.471	0.523	0.471	0.416	0.469	7.52
37) T	Ethyl Acetate	0.258	0.268	0.242	0.289	0.234	0.290	0.263	8.83
38) T	Carbon Tetrachlor	0.539	0.547	0.567	0.649	0.567	0.532	0.567	7.52
39) T	Methylcyclohexane	0.540	0.567	0.595	0.581	0.504	0.520	0.551	6.45
40) TM	Benzene	1.296	1.299	1.371	1.256	1.210	1.180	1.269	5.42
41) T	Methacrylonitrile	0.153	0.174	0.151	0.149	0.123	0.150	0.150	10.71
42) TM	1,2-Dichloroethan	0.411	0.414	0.423	0.409	0.404	0.389	0.408	2.75
43) T	Isopropyl Acetate	0.479	0.473	0.465	0.459	0.473	0.431	0.463	3.74
44) TM	Trichloroethene	0.397	0.422	0.412	0.414	0.358	0.372	0.396	6.51
45) C	1,2-Dichloropropa	0.290	0.315	0.315	0.296	0.265	0.280	0.294	6.79#
46) T	Dibromomethane	0.172	0.184	0.189	0.182	0.168	0.173	0.178	4.61
47) T	Bromodichlorometh	0.436	0.477	0.445	0.460	0.411	0.419	0.441	5.61
48) T	Methyl methacryla	0.205	0.222	0.217	0.216	0.198	0.216	0.212	4.22
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.22
50) S	Toluene-d8	1.191	1.190	0.964	1.340	1.266	1.264	1.203	10.78
51) T	4-Methyl-2-Pentan	0.237	0.241	0.195	0.293	0.212	0.257	0.239	14.41
52) CM	Toluene	0.793	0.898	0.736	0.968	0.814	0.864	0.845	9.75#

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	Compound	5	10	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.477	0.485	0.437	0.587	0.501	0.528	0.502	10.15
54) T	cis-1,3-Dichlorop	0.497	0.547	0.475	0.648	0.477	0.482	0.521	12.96
55) T	1,1,2-Trichloroet	0.267	0.272	0.251	0.302	0.267	0.285	0.274	6.32
56) T	Ethyl methacrylat	0.349	0.362	0.320	0.443	0.383	0.411	0.378	11.75
57) T	1,3-Dichloropropa	0.437	0.459	0.450	0.538	0.442	0.471	0.466	7.98
58) T	2-Chloroethyl Vin	0.163	0.156	0.132	0.202	0.174	0.170	0.166	13.85
59) T	2-Hexanone	0.169	0.163	0.162	0.201	0.169	0.183	0.175	8.53
60) T	Dibromochlorometh	0.336	0.352	0.373	0.426	0.381	0.401	0.378	8.57
61) T	1,2-Dibromoethane	0.266	0.267	0.264	0.304	0.262	0.290	0.275	6.30
62) S	4-Bromofluorobenz	0.443	0.421	0.404	0.473	0.469	0.483	0.449	7.02
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.472	0.491	0.496	0.472	0.455	0.400	0.464	7.51
65) PM	Chlorobenzene	1.019	1.043	1.028	1.023	0.956	0.895	0.994	5.75
66) T	1,1,1,2-Tetrachlo	0.401	0.427	0.415	0.409	0.391	0.368	0.402	5.15
67) C	Ethyl Benzene	1.748	1.847	1.819	1.774	1.681	1.566	1.739	5.91#
68) T	m/p-Xylenes	0.685	0.713	0.696	0.684	0.634	0.609	0.670	5.95
69) T	o-Xylene	0.658	0.689	0.650	0.649	0.638	0.555	0.640	7.02
70) T	Styrene	1.049	1.172	1.129	1.119	1.112	0.970	1.092	6.57
71) P	Bromoform	0.274	0.289	0.278	0.295	0.271	0.245	0.275	6.25
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.055	3.618	3.231	3.065	3.290	3.255	3.252	6.30
74) T	N-amyl acetate	0.820	0.972	0.817	0.881	0.921	0.861	0.879	6.83
75) P	1,1,2,2-Tetrachlo	0.561	0.613	0.530	0.551	0.602	0.612	0.578	6.16
76) T	1,2,3-Trichloropr	0.443	0.496	0.405	0.415	0.441	0.472	0.445	7.68
77) T	Bromobenzene	0.877	0.980	0.871	0.864	0.950	0.947	0.915	5.47
78) T	n-propylbenzene	3.622	4.183	3.783	3.539	3.712	3.676	3.752	6.03
79) T	2-Chlorotoluene	2.078	2.381	2.124	1.984	2.194	2.076	2.139	6.38
80) T	1,3,5-Trimethylbe	2.748	3.091	2.928	2.679	3.066	2.703	2.869	6.43
81) T	trans-1,4-Dichlor	0.217	0.246	0.208	0.209	0.250	0.249	0.230	8.91
82) T	4-Chlorotoluene	2.199	2.521	2.263	2.086	2.463	2.214	2.291	7.29
83) T	tert-Butylbenzene	2.449	2.766	2.495	2.466	2.700	2.271	2.525	7.16
84) T	1,2,4-Trimethylbe	2.814	3.212	2.802	2.691	3.017	2.374	2.818	10.14
85) T	sec-Butylbenzene	3.156	3.703	3.248	3.055	3.286	2.718	3.194	10.07
86) T	p-Isopropyltoluen	3.084	3.195	3.198	2.963	2.952	2.676	3.011	6.50
87) T	1,3-Dichlorobenze	1.590	1.702	1.683	1.538	1.586	1.444	1.591	5.97
88) T	1,4-Dichlorobenze	1.575	1.619	1.671	1.590	1.511	1.410	1.562	5.85
89) T	n-Butylbenzene	2.696	2.698	2.793	2.727	2.390	2.286	2.598	7.98
90) T	Hexachloroethane	0.555	0.570	0.587	0.538	0.522	0.499	0.545	5.91
91) T	1,2-Dichlorobenze	1.420	1.446	1.498	1.435	1.318	1.266	1.397	6.22
92) T	1,2-Dibromo-3-Chl	0.109	0.106	0.095	0.092	0.099	0.100	0.100	6.44
93) T	1,2,4-Trichlorobe	1.184	1.187	1.186	0.999	1.071	1.044	1.112	7.56
94) T	Hexachlorobutadie	0.804	0.834	0.820	0.697	0.724	0.687	0.761	8.63
95) T	Naphthalene	1.896	1.919	1.835	1.686	1.784	1.811	1.822	4.60
96) T	1,2,3-Trichlorobe	0.969	1.026	1.013	0.908	0.926	0.914	0.959	5.34

(#) = Out of Range