

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W072719S.M
 Title : SW846 8260
 Last Update : Sat Jul 27 00:23:30 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW011510.D 5 =VW011509.D 20 =VW011511.D
 50 =VW011512.D 100 =VW011513.D 150 =VW011514.D

	Compound	10	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.288	0.232	0.310	0.289	0.275	0.278	0.279	9.30
3) P	Chloromethane	0.517	0.512	0.499	0.471	0.446	0.454	0.483	6.28
4) C	Vinyl Chloride	0.596	0.568	0.614	0.611	0.556	0.546	0.582	4.97#
5) T	Bromomethane	0.341	0.343	0.320	0.328	0.305	0.296	0.322	5.92
6) T	Chloroethane	0.332	0.317	0.335	0.352	0.332	0.327	0.332	3.52
7) T	Trichlorofluorome	0.246	0.240	0.250	0.282	0.273	0.269	0.260	6.51
8) T	Diethyl Ether	0.289	0.265	0.294	0.316	0.305	0.299	0.295	5.89
9) T	1,1,2-Trichlorotr	0.495	0.476	0.506	0.529	0.484	0.469	0.493	4.46
10) T	Methyl Iodide	0.660	0.623	0.706	0.761	0.716	0.716	0.697	6.99
11) T	Tert butyl alcoho	0.049	0.069	0.046	0.043	0.042	0.040	0.048	22.36
12) CM	1,1-Dichloroethen	0.508	0.499	0.523	0.555	0.524	0.514	0.521	3.72#
13) T	Acrolein	0.043	0.041	0.044	0.041	0.040	0.038	0.041	5.34
14) T	Allyl chloride	1.066	1.005	1.091	1.190	1.171	1.121	1.108	6.18
15) T	Acrylonitrile	0.138	0.136	0.148	0.159	0.152	0.150	0.147	5.73
16) T	Acetone	0.167	0.217	0.159	0.195	0.186	0.173	0.183	11.48
17) T	Carbon Disulfide	1.555	1.510	1.644	1.767	1.662	1.640	1.630	5.50
18) T	Methyl Acetate	0.372	0.405	0.409	0.442	0.422	0.412	0.410	5.64
19) T	Methyl tert-butyl	0.800	0.762	0.842	0.908	0.827	0.818	0.826	5.86
20) T	Methylene Chlorid	0.665	0.709	0.635	0.627	0.575	0.568	0.630	8.46
21) T	trans-1,2-Dichlor	0.545	0.539	0.567	0.592	0.565	0.560	0.561	3.31
22) T	Diisopropyl ether	2.006	1.985	2.122	2.233	2.116	2.066	2.088	4.32
23) T	Vinyl Acetate	1.218	1.143	1.323	1.443	1.373	1.372	1.312	8.49
24) P	1,1-Dichloroethan	1.074	1.062	1.118	1.192	1.136	1.128	1.118	4.19
25) T	2-Butanone	0.224	0.232	0.226	0.264	0.247	0.241	0.239	6.34
26) T	2,2-Dichloropropa	0.710	0.829	0.676	0.681	0.625	0.606	0.688	11.46
27) T	cis-1,2-Dichloroe	0.594	0.599	0.624	0.652	0.621	0.616	0.618	3.32
28) T	Bromochloromethan	0.526	0.469	0.531	0.480	0.486	0.487	0.496	5.19
29) T	Tetrahydrofuran	0.129	0.122	0.137	0.149	0.143	0.140	0.137	7.19
30) C	Chloroform	1.003	1.042	1.040	1.076	1.017	1.011	1.032	2.62#
31) T	Cyclohexane	1.080	1.191	1.089	1.103	1.005	0.972	1.073	7.20
32) T	1,1,1-Trichloroet	0.761	0.740	0.792	0.842	0.798	0.781	0.786	4.44
33) S	1,2-Dichloroethan	0.596	0.508	0.573	0.590	0.582	0.597	0.574	5.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.289	0.234	0.279	0.294	0.287	0.299	0.281	8.40
36) T	1,1-Dichloroprope	0.502	0.510	0.524	0.558	0.519	0.506	0.520	3.90
37) T	Ethyl Acetate	0.285	0.285	0.299	0.325	0.303	0.298	0.299	5.00
38) T	Carbon Tetrachlor	0.429	0.425	0.443	0.480	0.449	0.443	0.445	4.40
39) T	Methylcyclohexane	0.553	0.545	0.576	0.619	0.579	0.562	0.572	4.64
40) TM	Benzene	1.414	1.417	1.474	1.538	1.459	1.434	1.456	3.20
41) T	Methacrylonitrile	0.154	0.151	0.195	0.190	0.193	0.189	0.179	11.50
42) TM	1,2-Dichloroethan	0.446	0.438	0.456	0.486	0.459	0.450	0.456	3.67
43) T	Isopropyl Acetate	0.515	0.489	0.533	0.602	0.580	0.581	0.550	8.03
44) TM	Trichloroethene	0.337	0.337	0.347	0.372	0.356	0.351	0.350	3.75
45) C	1,2-Dichloropropa	0.372	0.362	0.396	0.418	0.397	0.393	0.390	5.13#
46) T	Dibromomethane	0.171	0.171	0.176	0.191	0.180	0.178	0.178	4.20
47) T	Bromodichlorometh	0.437	0.430	0.462	0.501	0.487	0.481	0.467	6.09
48) T	Methyl methacryla	0.235	0.228	0.257	0.295	0.286	0.285	0.264	10.86
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	0.003	6.29
50) S	Toluene-d8	1.177	0.977	1.138	1.196	1.187	1.216	1.148	7.66
51) T	4-Methyl-2-Pentan	0.269	0.254	0.282	0.317	0.302	0.293	0.286	7.98
52) CM	Toluene	0.843	0.825	0.889	0.939	0.897	0.884	0.879	4.64#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.438	0.427	0.477	0.534	0.526	0.522	0.487	9.65
54) T	cis-1,3-Dichlorop	0.534	0.498	0.577	0.634	0.617	0.616	0.579	9.26
55) T	1,1,2-Trichloroet	0.237	0.242	0.250	0.272	0.258	0.255	0.252	4.93
56) T	Ethyl methacrylat	0.331	0.298	0.361	0.417	0.406	0.403	0.369	12.90
57) T	1,3-Dichloropropa	0.448	0.438	0.483	0.518	0.495	0.484	0.477	6.25
58) T	2-Chloroethyl Vin	0.182	0.105	0.186	0.187	0.154	0.192	0.168	20.05
59) T	2-Hexanone	0.182	0.166	0.195	0.231	0.222	0.215	0.202	12.46
60) T	Dibromochlorometh	0.256	0.244	0.277	0.306	0.298	0.299	0.280	9.06
61) T	1,2-Dibromoethane	0.231	0.216	0.238	0.259	0.246	0.244	0.239	6.16
62) S	4-Bromofluorobenz	0.417	0.357	0.400	0.427	0.422	0.433	0.409	6.86
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.321	0.323	0.326	0.339	0.326	0.318	0.326	2.22
65) PM	Chlorobenzene	0.972	0.980	1.015	1.062	1.004	0.998	1.005	3.18
66) T	1,1,1,2-Tetrachlo	0.326	0.330	0.351	0.379	0.358	0.357	0.350	5.62
67) C	Ethyl Benzene	1.809	1.803	1.931	2.065	1.957	1.922	1.915	5.13#
68) T	m/p-Xylenes	0.667	0.657	0.708	0.747	0.709	0.689	0.696	4.72
69) T	o-Xylene	0.617	0.595	0.648	0.705	0.667	0.650	0.647	5.95
70) T	Styrene	1.057	0.996	1.139	1.219	1.167	1.135	1.119	7.13
71) P	Bromoform	0.160	0.158	0.172	0.201	0.191	0.189	0.179	9.90
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.540	3.639	3.674	4.001	3.756	3.770	3.730	4.21
74) T	N-amyl acetate	1.044	0.996	1.121	1.314	1.267	1.265	1.168	11.35
75) P	1,1,2,2-Tetrachlo	0.666	0.650	0.702	0.767	0.712	0.713	0.702	5.86
76) T	1,2,3-Trichloropr	0.476	0.568	0.583	0.536	0.506	0.504	0.529	7.74
77) T	Bromobenzene	0.782	0.796	0.807	0.890	0.836	0.835	0.824	4.71
78) T	n-propylbenzene	4.306	4.331	4.545	4.878	4.583	4.594	4.540	4.59
79) T	2-Chlorotoluene	2.523	2.527	2.600	2.781	2.623	2.637	2.615	3.62
80) T	1,3,5-Trimethylbe	3.015	2.912	3.127	3.392	3.162	3.152	3.127	5.18
81) T	trans-1,4-Dichlor	0.213	0.178	0.212	0.260	0.254	0.260	0.230	14.75
82) T	4-Chlorotoluene	2.664	2.659	2.753	2.948	2.716	2.724	2.744	3.88
83) T	tert-Butylbenzene	2.496	2.449	2.603	2.839	2.660	2.642	2.615	5.26
84) T	1,2,4-Trimethylbe	2.983	2.997	3.169	3.393	3.184	3.172	3.150	4.76
85) T	sec-Butylbenzene	3.578	3.572	3.730	4.030	3.757	3.719	3.731	4.47
86) T	p-Isopropyltoluen	3.250	3.209	3.374	3.663	3.424	3.391	3.385	4.72
87) T	1,3-Dichlorobenze	1.569	1.605	1.602	1.731	1.599	1.593	1.617	3.55
88) T	1,4-Dichlorobenze	1.570	1.623	1.593	1.698	1.585	1.580	1.608	2.96
89) T	n-Butylbenzene	3.191	3.219	3.354	3.654	3.437	3.414	3.378	4.99
90) T	Hexachloroethane	0.542	0.558	0.582	0.652	0.628	0.629	0.599	7.39
91) T	1,2-Dichlorobenze	1.384	1.407	1.429	1.526	1.421	1.412	1.430	3.45
92) T	1,2-Dibromo-3-Chl	0.109	0.106	0.117	0.133	0.125	0.128	0.120	9.11
93) T	1,2,4-Trichlorobe	0.924	0.913	1.002	1.097	1.038	1.072	1.008	7.58
94) T	Hexachlorobutadie	0.613	0.617	0.628	0.671	0.618	0.623	0.628	3.43
95) T	Naphthalene	1.519	1.367	1.735	2.088	1.969	2.041	1.787	16.59
96) T	1,2,3-Trichlorobe	0.828	0.788	0.869	0.966	0.905	0.943	0.883	7.71

(#) = Out of Range