

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W050620S.M
 Title : SW846 8260
 Last Update : Tue May 05 18:41:17 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015398.D 5 =VW015397.D 20 =VW015399.D
 50 =VW015400.D 100 =VW015401.D 150 =VW015402.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.264	0.266	0.281	0.297	0.319	0.308	0.289	7.83
3) P	Chloromethane	0.363	0.384	0.340	0.341	0.368	0.376	0.362	5.01
4) C	Vinyl Chloride	0.565	0.545	0.551	0.552	0.544	0.532	0.548	2.00#
5) T	Bromomethane	0.462	0.452	0.443	0.391	0.412	0.416	0.429	6.33
6) T	Chloroethane	0.386	0.395	0.382	0.364	0.368	0.371	0.378	3.15
7) T	Trichlorofluorome	0.395	0.388	0.399	0.411	0.408	0.411	0.402	2.38
8) T	Diethyl Ether	0.256	0.255	0.259	0.239	0.249	0.250	0.251	2.90
9) T	1,1,2-Trichlorotr	0.476	0.470	0.459	0.460	0.470	0.462	0.466	1.44
10) T	Methyl Iodide	0.705	0.706	0.706	0.695	0.714	0.706	0.705	0.88
11) T	Tert butyl alcoho	0.035	0.034	0.032	0.030	0.031	0.029	0.032	6.70
12) CM	1,1-Dichloroethen	0.492	0.489	0.476	0.477	0.484	0.482	0.483	1.27#
13) T	Acrolein	0.041	0.040	0.042	0.041	0.040	0.039	0.040	3.02
14) T	Allyl chloride	0.851	0.844	0.839	0.830	0.858	0.859	0.847	1.35
15) T	Acrylonitrile	0.104	0.096	0.100	0.102	0.106	0.105	0.102	3.78
16) T	Acetone	0.087	0.089	0.081	0.083	0.087	0.085	0.085	3.44
17) T	Carbon Disulfide	1.487	1.467	1.477	1.481	1.489	1.490	1.482	0.60
18) T	Methyl Acetate	0.232	0.230	0.223	0.216	0.230	0.229	0.227	2.68
19) T	Methyl tert-butyl	0.821	0.784	0.777	0.766	0.764	0.746	0.776	3.25
20) T	Methylene Chlorid	0.581	0.703	0.539	0.501	0.510	0.509	0.557	13.90
21) T	trans-1,2-Dichlor	0.550	0.562	0.535	0.544	0.546	0.554	0.549	1.70
22) T	Diisopropyl ether	1.681	1.607	1.655	1.640	1.672	1.673	1.655	1.68
23) T	Vinyl Acetate	1.018	0.949	1.001	0.998	1.033	1.035	1.006	3.15
24) P	1,1-Dichloroethan	1.000	0.991	0.983	0.986	0.991	1.001	0.992	0.74
25) T	2-Butanone	0.134	0.133	0.130	0.131	0.137	0.134	0.133	1.92
26) T	2,2-Dichloropropa	0.697	0.714	0.661	0.643	0.620	0.611	0.657	6.31
27) T	cis-1,2-Dichloroe	0.602	0.586	0.591	0.592	0.596	0.607	0.596	1.31
28) T	Bromochloromethan	0.421	0.391	0.400	0.394	0.395	0.392	0.399	2.83
29) T	Tetrahydrofuran	0.089	0.083	0.087	0.087	0.091	0.088	0.088	3.01
30) C	Chloroform	0.988	0.997	0.982	0.979	0.988	0.979	0.986	0.71#
31) T	Cyclohexane	1.063	1.184	0.977	0.965	0.931	0.922	1.007	9.94
32) T	1,1,1-Trichloroet	0.846	0.830	0.836	0.841	0.814	0.804	0.828	1.95
33) S	1,2-Dichloroethan	0.531	0.584	0.536	0.551	0.557	0.539	0.550	3.54
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.276	0.302	0.282	0.290	0.291	0.282	0.287	3.19
36) T	1,1-Dichloroprope	0.513	0.493	0.481	0.494	0.483	0.483	0.491	2.40
37) T	Ethyl Acetate	0.194	0.184	0.185	0.194	0.196	0.192	0.191	2.72
38) T	Carbon Tetrachlor	0.474	0.454	0.451	0.466	0.455	0.455	0.459	1.97
39) T	Methylcyclohexane	0.639	0.627	0.618	0.619	0.610	0.618	0.622	1.61
40) TM	Benzene	1.394	1.343	1.336	1.323	1.320	1.323	1.340	2.09
41) T	Methacrylonitrile	0.120	0.121	0.115	0.112	0.129	0.127	0.120	5.51
42) TM	1,2-Dichloroethan	0.425	0.400	0.413	0.404	0.405	0.401	0.408	2.25
43) T	Isopropyl Acetate	0.420	0.389	0.397	0.390	0.409	0.400	0.401	2.92
44) TM	Trichloroethene	0.357	0.342	0.348	0.348	0.343	0.345	0.347	1.59
45) C	1,2-Dichloropropa	0.341	0.331	0.330	0.326	0.329	0.329	0.331	1.60#
46) T	Dibromomethane	0.170	0.159	0.164	0.162	0.166	0.166	0.165	2.23
47) T	Bromodichlorometh	0.461	0.426	0.444	0.448	0.457	0.456	0.449	2.85
48) T	Methyl methacryla	0.192	0.167	0.181	0.186	0.194	0.190	0.185	5.45
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	3.46
50) S	Toluene-d8	1.137	1.240	1.169	1.211	1.202	1.167	1.188	3.12
51) T	4-Methyl-2-Pentan	0.195	0.176	0.186	0.187	0.195	0.188	0.188	3.75
52) CM	Toluene	0.892	0.855	0.869	0.870	0.865	0.874	0.871	1.41#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.463	0.421	0.452	0.459	0.473	0.479	0.458	4.42
54) T	cis-1,3-Dichlorop	0.551	0.510	0.533	0.540	0.548	0.553	0.539	2.98
55) T	1,1,2-Trichloroet	0.240	0.233	0.229	0.228	0.234	0.234	0.233	1.86
56) T	Ethyl methacrylat	0.322	0.299	0.313	0.320	0.332	0.332	0.320	3.93
57) T	1,3-Dichloropropa	0.439	0.402	0.418	0.412	0.422	0.418	0.419	2.94
58) T	2-Chloroethyl Vin	0.161	0.145	0.157	0.158	0.160	0.153	0.156	3.75
59) T	2-Hexanone	0.132	0.117	0.125	0.127	0.133	0.127	0.127	4.44
60) T	Dibromochlorometh	0.283	0.257	0.278	0.279	0.289	0.293	0.280	4.46
61) T	1,2-Dibromoethane	0.219	0.211	0.220	0.221	0.228	0.224	0.220	2.63
62) S	4-Bromofluorobenz	0.424	0.446	0.427	0.451	0.449	0.435	0.439	2.66
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.312	0.312	0.302	0.309	0.308	0.291	0.306	2.56
65) PM	Chlorobenzene	1.034	0.990	0.966	0.986	0.972	0.967	0.986	2.61
66) T	1,1,1,2-Tetrachlo	0.359	0.347	0.340	0.350	0.351	0.351	0.350	1.76
67) C	Ethyl Benzene	1.941	1.910	1.856	1.882	1.879	1.854	1.887	1.77#
68) T	m/p-Xylenes	0.713	0.700	0.687	0.706	0.712	0.691	0.702	1.55
69) T	o-Xylene	0.672	0.651	0.636	0.671	0.660	0.666	0.659	2.10
70) T	Styrene	1.132	1.092	1.099	1.159	1.167	1.163	1.135	2.95
71) P	Bromoform	0.170	0.155	0.162	0.178	0.178	0.180	0.170	5.89
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.824	3.729	3.595	3.684	3.682	3.885	3.733	2.82
74) T	N-amyl acetate	0.911	0.884	0.845	0.852	0.904	0.899	0.882	3.16
75) P	1,1,2,2-Tetrachlo	0.610	0.571	0.560	0.575	0.594	0.594	0.584	3.17
76) T	1,2,3-Trichloropr	0.421	0.395	0.379	0.469	0.401	0.404	0.411	7.68
77) T	Bromobenzene	0.818	0.811	0.760	0.778	0.774	0.806	0.791	3.00
78) T	n-propylbenzene	4.588	4.588	4.330	4.444	4.364	4.557	4.479	2.57
79) T	2-Chlorotoluene	2.577	2.598	2.420	2.515	2.477	2.560	2.525	2.68
80) T	1,3,5-Trimethylbe	3.216	3.225	3.025	3.148	3.069	3.183	3.144	2.59
81) T	trans-1,4-Dichlor	0.208	0.194	0.193	0.206	0.221	0.227	0.208	6.72
82) T	4-Chlorotoluene	2.746	2.717	2.569	2.661	2.649	2.710	2.675	2.37
83) T	tert-Butylbenzene	2.729	2.705	2.599	2.683	2.627	2.755	2.683	2.23
84) T	1,2,4-Trimethylbe	3.193	3.255	2.997	3.170	3.092	3.166	3.145	2.85
85) T	sec-Butylbenzene	3.871	3.881	3.638	3.822	3.647	3.822	3.780	2.89
86) T	p-Isopropyltoluen	3.495	3.526	3.316	3.501	3.392	3.457	3.448	2.31
87) T	1,3-Dichlorobenze	1.590	1.609	1.538	1.596	1.552	1.570	1.576	1.73
88) T	1,4-Dichlorobenze	1.611	1.628	1.512	1.568	1.478	1.566	1.561	3.66
89) T	n-Butylbenzene	3.436	3.411	3.295	3.459	3.266	3.383	3.375	2.32
90) T	Hexachloroethane	0.642	0.645	0.609	0.632	0.630	0.653	0.635	2.44
91) T	1,2-Dichlorobenze	1.412	1.378	1.333	1.338	1.345	1.381	1.364	2.26
92) T	1,2-Dibromo-3-Chl	0.107	0.100	0.099	0.100	0.103	0.102	0.102	2.72
93) T	1,2,4-Trichlorobe	0.886	0.941	0.896	0.911	0.930	0.938	0.917	2.51
94) T	Hexachlorobutadie	0.565	0.556	0.511	0.544	0.527	0.558	0.543	3.81
95) T	Naphthalene	1.634	1.557	1.565	1.659	1.735	1.706	1.643	4.41
96) T	1,2,3-Trichlorobe	0.784	0.796	0.756	0.775	0.795	0.821	0.788	2.79

(#) = Out of Range