

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W022119S.M
 Title : SW846 8260
 Last Update : Fri Feb 22 00:38:32 2019
 Response Via : Initial Calibration

Calibration Files

10 =VW008764.D 5 =VW008763.D 20 =VW008765.D
 50 =VW008766.D 100 =VW008767.D 150 =VW008768.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.507	0.527	0.494	0.481	0.489	0.506	0.501	3.27
3) P	Chloromethane	0.570	0.636	0.629	0.598	0.610	0.614	0.610	3.83
4) C	Vinyl Chloride	0.608	0.600	0.649	0.624	0.668	0.724	0.645	7.12#
5) T	Bromomethane	0.450	0.505	0.520	0.445	0.466	0.489	0.479	6.33
6) T	Chloroethane	0.419	0.489	0.461	0.455	0.477	0.449	0.458	5.28
7) T	Trichlorofluorome	0.773	0.789	0.885	0.764	0.830	0.857	0.816	5.99
8) T	Diethyl Ether	0.254	0.252	0.282	0.232	0.264	0.267	0.258	6.53
9) T	1,1,2-Trichlorotr	0.461	0.483	0.540	0.467	0.500	0.523	0.496	6.33
10) T	Methyl Iodide	0.550	0.496	0.637	0.663	0.685	0.687	0.620	12.75
11) T	Tert butyl alcoho	0.041	0.042	0.046	0.037	0.042	0.043	0.042	6.98
12) CM	1,1-Dichloroethen	0.399	0.430	0.463	0.419	0.450	0.464	0.438	5.97#
13) T	Acrolein	0.033	0.034	0.036	0.041	0.046	0.047	0.039	15.33
14) T	Allyl chloride	0.713	0.669	0.803	0.726	0.796	0.826	0.756	8.18
15) T	Acrylonitrile	0.106	0.102	0.120	0.105	0.115	0.118	0.111	6.84
16) T	Acetone	0.103	0.105	0.114	0.109	0.109	0.112	0.109	3.53
17) T	Carbon Disulfide	1.315	1.343	1.487	1.462	1.537	1.571	1.453	7.11
18) T	Methyl Acetate	0.247	0.295	0.271	0.221	0.253	0.261	0.258	9.64
19) T	Methyl tert-butyl	1.111	1.087	1.329	1.107	1.228	1.247	1.185	8.25
20) T	Methylene Chlorid	0.727	0.902	0.679	0.532	0.505	0.500	0.641	24.88
21) T	trans-1,2-Dichlor	0.480	0.497	0.543	0.478	0.516	0.525	0.506	5.13
22) T	Diisopropyl ether	1.417	1.362	1.654	1.452	1.566	1.592	1.507	7.54
23) T	Vinyl Acetate	0.849	0.766	1.041	0.890	0.999	1.043	0.931	12.25
24) P	1,1-Dichloroethan	0.830	0.834	0.939	0.818	0.901	0.918	0.873	5.96
25) T	2-Butanone	0.143	0.132	0.165	0.148	0.158	0.166	0.152	8.73
26) T	2,2-Dichloropropa	0.751	0.819	0.838	0.722	0.794	0.834	0.793	5.96
27) T	cis-1,2-Dichloroe	0.515	0.520	0.589	0.505	0.552	0.569	0.542	6.16
28) T	Bromochloromethan	0.337	0.363	0.389	0.352	0.369	0.383	0.365	5.30
29) T	Tetrahydrofuran	0.086	0.087	0.104	0.091	0.105	0.108	0.097	10.36
30) C	Chloroform	0.859	0.869	0.968	0.837	0.916	0.927	0.896	5.48#
31) T	Cyclohexane	0.875	0.967	0.958	0.806	0.832	0.867	0.884	7.43
32) T	1,1,1-Trichloroet	0.767	0.779	0.886	0.766	0.829	0.862	0.815	6.35
33) S	1,2-Dichloroethan	0.450	0.461	0.471	0.454	0.472	0.505	0.469	4.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.282	0.313	0.299	0.296	0.302	0.309	0.300	3.56
36) T	1,1-Dichloroprope	0.471	0.477	0.531	0.469	0.483	0.489	0.487	4.74
37) T	Ethyl Acetate	0.219	0.193	0.255	0.211	0.240	0.239	0.226	9.94
38) T	Carbon Tetrachlor	0.498	0.503	0.554	0.487	0.513	0.525	0.513	4.62
39) T	Methylcyclohexane	0.575	0.571	0.641	0.602	0.621	0.632	0.607	4.82
40) TM	Benzene	1.318	1.287	1.435	1.310	1.325	1.298	1.329	4.04
41) T	Methacrylonitrile	0.114	0.146	0.132	0.120	0.142	0.144	0.133	10.21
42) TM	1,2-Dichloroethan	0.408	0.397	0.462	0.399	0.432	0.428	0.421	5.88
43) T	Isopropyl Acetate	0.435	0.408	0.492	0.424	0.473	0.478	0.452	7.53
44) TM	Trichloroethene	0.369	0.370	0.406	0.361	0.371	0.368	0.374	4.26
45) C	1,2-Dichloropropa	0.315	0.326	0.366	0.313	0.327	0.323	0.328	5.92#
46) T	Dibromomethane	0.176	0.177	0.200	0.171	0.187	0.186	0.183	5.68
47) T	Bromodichlorometh	0.428	0.412	0.484	0.423	0.458	0.461	0.444	6.18
48) T	Methyl methacryla	0.190	0.202	0.230	0.203	0.236	0.238	0.216	9.52
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	4.91
50) S	Toluene-d8	1.156	1.153	1.112	1.203	1.151	1.179	1.159	2.63
51) T	4-Methyl-2-Pentan	0.217	0.209	0.240	0.223	0.239	0.247	0.229	6.57
52) CM	Toluene	0.889	0.894	0.939	0.896	0.898	0.895	0.902	2.06#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.419	0.399	0.496	0.442	0.480	0.481	0.453	8.59
54) T	cis-1,3-Dichlorop	0.490	0.453	0.578	0.503	0.541	0.536	0.517	8.52
55) T	1,1,2-Trichloroet	0.238	0.235	0.277	0.236	0.252	0.247	0.248	6.46
56) T	Ethyl methacrylat	0.304	0.271	0.335	0.329	0.343	0.350	0.322	9.20
57) T	1,3-Dichloropropa	0.426	0.425	0.483	0.414	0.441	0.435	0.437	5.51
58) T	2-Chloroethyl Vin	0.172	0.144	0.184	0.142	0.162	0.167	0.162	10.01
59) T	2-Hexanone	0.156	0.136	0.171	0.165	0.172	0.180	0.163	9.41
60) T	Dibromochlorometh	0.285	0.272	0.337	0.293	0.314	0.312	0.302	7.69
61) T	1,2-Dibromoethane	0.246	0.226	0.268	0.237	0.249	0.244	0.245	5.74
62) S	4-Bromofluorobenz	0.454	0.462	0.445	0.456	0.443	0.462	0.454	1.81
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.359	0.353	0.385	0.353	0.347	0.350	0.358	3.90
65) PM	Chlorobenzene	1.064	1.033	1.123	1.026	1.038	1.024	1.051	3.62
66) T	1,1,1,2-Tetrachlo	0.353	0.330	0.386	0.342	0.358	0.363	0.355	5.40
67) C	Ethyl Benzene	1.845	1.793	1.973	1.856	1.894	1.916	1.879	3.32#
68) T	m/p-Xylenes	0.738	0.727	0.791	0.739	0.753	0.758	0.751	2.99
69) T	o-Xylene	0.684	0.674	0.741	0.696	0.710	0.724	0.705	3.55
70) T	Styrene	1.084	1.032	1.177	1.126	1.172	1.212	1.134	5.90
71) P	Bromoform	0.179	0.172	0.206	0.182	0.200	0.209	0.191	8.19
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.247	3.148	3.702	3.469	3.482	3.518	3.428	5.82
74) T	N-amyl acetate	0.792	0.729	0.876	0.871	0.943	0.970	0.863	10.48
75) P	1,1,2,2-Tetrachlo	0.526	0.542	0.635	0.527	0.563	0.567	0.560	7.25
76) T	1,2,3-Trichloropr	0.376	0.447	0.466	0.384	0.400	0.404	0.413	8.73
77) T	Bromobenzene	0.810	0.806	0.875	0.802	0.793	0.774	0.810	4.21
78) T	n-propylbenzene	4.005	3.891	4.452	4.249	4.247	4.313	4.193	4.94
79) T	2-Chlorotoluene	2.301	2.273	2.566	2.371	2.402	2.371	2.381	4.32
80) T	1,3,5-Trimethylbe	2.857	2.708	3.162	2.993	3.045	3.106	2.979	5.66
81) T	trans-1,4-Dichlor	0.153	0.141	0.182	0.161	0.190	0.192	0.170	12.29
82) T	4-Chlorotoluene	2.422	2.394	2.659	2.486	2.547	2.544	2.509	3.84
83) T	tert-Butylbenzene	2.580	2.317	2.783	2.570	2.581	2.623	2.576	5.82
84) T	1,2,4-Trimethylbe	2.971	2.821	3.230	3.094	3.151	3.234	3.083	5.24
85) T	sec-Butylbenzene	3.515	3.422	3.939	3.721	3.768	3.856	3.703	5.37
86) T	p-Isopropyltoluen	3.193	3.104	3.518	3.410	3.462	3.684	3.395	6.30
87) T	1,3-Dichlorobenze	1.622	1.657	1.787	1.650	1.661	1.705	1.681	3.50
88) T	1,4-Dichlorobenze	1.655	1.632	1.779	1.634	1.622	1.616	1.656	3.71
89) T	n-Butylbenzene	2.963	2.908	3.268	3.236	3.279	3.429	3.181	6.36
90) T	Hexachloroethane	0.519	0.494	0.590	0.561	0.572	0.599	0.556	7.41
91) T	1,2-Dichlorobenze	1.516	1.483	1.599	1.459	1.468	1.460	1.497	3.60
92) T	1,2-Dibromo-3-Chl	0.097	0.094	0.106	0.101	0.105	0.105	0.101	4.69
93) T	1,2,4-Trichlorobe	1.086	0.992	1.121	1.104	1.085	1.086	1.079	4.16
94) T	Hexachlorobutadie	0.631	0.615	0.662	0.650	0.617	0.638	0.636	2.91
95) T	Naphthalene	1.742	1.559	1.929	1.904	1.917	1.971	1.837	8.57
96) T	1,2,3-Trichlorobe	0.936	0.891	0.972	0.961	0.911	0.926	0.933	3.26

(#) = Out of Range