

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F010819S.M
 Title : SW846 8260
 Last Update : Wed Jan 09 07:13:51 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF061284.D 20 =VF061286.D 50 =VF061287.D
 100 =VF061289.D 75 =VF061288.D 10 =VF061285.D

	Compound	5	20	50	100	75	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.947	0.848	0.998	0.883	0.893	0.965	0.922	6.16
3) P	Chloromethane	0.851	0.762	0.855	0.787	0.805	0.871	0.822	5.31
4) C	Vinyl Chloride	0.702	0.682	0.813	0.707	0.721	0.779	0.734	6.94#
5) T	Bromomethane	0.416	0.421	0.604	0.500	0.527	0.570	0.506	15.20
6) T	Chloroethane	0.386	0.279	0.414	0.344	0.361	0.367	0.358	12.70
7) T	Trichlorofluorome	1.204	1.107	1.396	1.240	1.231	1.288	1.244	7.67
8) T	Diethyl Ether	0.202	0.162	0.210	0.184	0.167	0.172	0.183	10.77
9) T	1,1,2-Trichlorotr	0.662	0.579	0.744	0.611	0.637	0.710	0.657	9.36
10) T	Methyl Iodide	1.020	0.899	1.145	1.017	1.014	1.081	1.029	7.96
11) T	Tert butyl alcoho	0.027	0.020	0.021	0.024	0.022	0.021	0.022	12.64
12) CM	1,1-Dichloroethen	0.540	0.453	0.595	0.501	0.537	0.526	0.525	8.94#
13) T	Acrolein	0.037	0.027	0.027	0.023	0.023	0.030	0.028	19.10
14) T	Allyl chloride	0.930	0.891	1.075	0.946	0.956	0.964	0.960	6.46
15) T	Acrylonitrile	0.094	0.066	0.082	0.083	0.075	0.074	0.079	12.11
16) T	Acetone	0.150	0.124	0.131	0.114	0.113	0.145	0.129	12.09
17) T	Carbon Disulfide	1.665	1.528	1.990	1.611	1.729	1.889	1.735	10.04
18) T	Methyl Acetate	0.290	0.257	0.268	0.252	0.232	0.229	0.255	8.94
19) T	Methyl tert-butyl	0.929	0.912	1.167	1.027	0.947	1.026	1.001	9.48
20) T	Methylene Chlorid	0.656	0.443	0.592	0.493	0.514	0.588	0.548	14.23
21) T	trans-1,2-Dichlor	0.544	0.491	0.642	0.539	0.537	0.588	0.557	9.32
22) T	Diisopropyl ether	1.983	1.635	2.077	1.824	1.811	1.818	1.858	8.28
23) T	Vinyl Acetate	0.554	0.480	0.603	0.647	0.506	0.471	0.543	13.06
24) P	1,1-Dichloroethan	1.136	0.951	1.171	1.070	1.036	1.084	1.075	7.19
25) T	2-Butanone	0.254	0.199	0.203	0.200	0.172	0.222	0.208	13.19
26) T	2,2-Dichloropropa	0.690	0.635	0.819	0.714	0.690	0.763	0.718	8.96
27) T	cis-1,2-Dichloroe	0.836	0.723	0.818	0.765	0.760	0.762	0.777	5.37
28) T	Bromochloromethan	0.549	0.422	0.512	0.419	0.454	0.488	0.474	10.93
29)	Tetrahydrofuran	0.106	0.080	0.089	0.083	0.075	0.089	0.087	12.51
30) C	Chloroform	1.383	1.274	1.503	1.317	1.313	1.395	1.364	6.01#
31) T	Cyclohexane	1.208	1.026	1.231	1.057	1.072	1.170	1.128	7.66
32) T	1,1,1-Trichloroet	1.038	0.988	1.271	1.085	1.058	1.172	1.102	9.33
33) S	1,2-Dichloroethan	0.522	0.558	0.592	0.579	0.530	0.557	0.557	4.87
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.389	0.379	0.411	0.366	0.386	0.364	0.383	4.43
36) T	1,1-Dichloroprope	0.604	0.566	0.604	0.548	0.572	0.610	0.584	4.37
37) T	Ethyl Acetate	0.233	0.212	0.207	0.202	0.201	0.221	0.213	5.75
38) T	Carbon Tetrachlor	0.454	0.537	0.615	0.533	0.566	0.613	0.553	10.89
39) T	Methylcyclohexane	0.729	0.699	0.801	0.680	0.697	0.779	0.731	6.68
40) TM	Benzene	1.466	1.334	1.385	1.238	1.289	1.467	1.363	6.86
41) T	Methacrylonitrile	0.141	0.105	0.119	0.116	0.108	0.123	0.119	10.65
42) TM	1,2-Dichloroethan	0.419	0.415	0.436	0.428	0.409	0.439	0.424	2.82
43) T	Isopropyl Acetate	0.317	0.262	0.287	0.304	0.251	0.263	0.281	9.30
44) TM	Trichloroethene	0.422	0.399	0.416	0.366	0.359	0.432	0.399	7.61
45) C	1,2-Dichloropropa	0.341	0.327	0.367	0.356	0.342	0.347	0.347	3.96#
46) T	Dibromomethane	0.198	0.203	0.219	0.224	0.212	0.221	0.213	4.92
47) T	Bromodichlorometh	0.518	0.489	0.571	0.549	0.526	0.523	0.529	5.28
48) T	Methyl methacryla	0.164	0.181	0.201	0.199	0.174	0.175	0.182	8.10
49) T	1,4-Dioxane	0.001	0.001	0.001	0.001	0.001	0.001	0.001	8.22
50) S	Toluene-d8	1.085	1.128	1.212	1.098	1.145	1.125	1.132	3.95
51) T	4-Methyl-2-Pentan	0.225	0.190	0.224	0.213	0.198	0.222	0.212	6.97
52) CM	Toluene	0.899	0.840	0.919	0.811	0.843	0.945	0.876	5.97#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.425	0.379	0.442	0.427	0.394	0.428	0.416	5.72
54) T	cis-1,3-Dichlorop	0.540	0.560	0.589	0.562	0.528	0.529	0.551	4.29
55) T	1,1,2-Trichloroet	0.253	0.240	0.256	0.244	0.234	0.245	0.245	3.28
56) T	Ethyl methacrylat	0.260	0.253	0.292	0.300	0.273	0.265	0.274	6.72
57) T	1,3-Dichloropropa	0.443	0.410	0.467	0.434	0.411	0.440	0.434	4.95
58) T	2-Chloroethyl Vin	0.012	0.012	0.014	0.012	0.011	0.009	0.012	14.07
59) T	2-Hexanone	0.174	0.143	0.149	0.152	0.131	0.150	0.150	9.46
60) T	Dibromochlorometh	0.298	0.288	0.372	0.346	0.334	0.320	0.326	9.55
61) T	1,2-Dibromoethane	0.244	0.240	0.261	0.267	0.238	0.250	0.250	4.73
62) S	4-Bromofluorobenz	0.532	0.485	0.509	0.455	0.485	0.500	0.494	5.23
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.375	0.364	0.384	0.355	0.324	0.381	0.364	6.13
65) PM	Chlorobenzene	1.134	0.995	1.028	0.971	0.925	1.005	1.010	6.98
66) T	1,1,1,2-Tetrachlo	0.431	0.395	0.434	0.418	0.381	0.413	0.412	4.98
67) C	Ethyl Benzene	2.039	1.926	2.037	1.818	1.730	2.130	1.947	7.77#
68) T	m/p-Xylenes	0.778	0.665	0.690	0.634	0.589	0.719	0.679	9.73
69) T	o-Xylene	0.837	0.740	0.815	0.716	0.674	0.769	0.759	8.06
70) T	Styrene	1.130	1.008	1.075	0.940	0.877	1.034	1.011	9.06
71) P	Bromoform	0.175	0.156	0.188	0.179	0.156	0.156	0.168	8.46
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.870	4.371	4.679	3.796	4.079	4.603	4.400	9.14
74) T	N-amyl acetate	1.186	0.944	1.060	0.964	0.858	0.988	1.000	11.24
75) P	1,1,2,2-Tetrachlo	0.767	0.662	0.742	0.683	0.632	0.699	0.698	7.23
76) T	1,2,3-Trichloropr	0.603	0.507	0.508	0.489	0.454	0.510	0.512	9.65
77) T	Bromobenzene	0.992	0.873	0.902	0.824	0.769	0.891	0.875	8.62
78) T	n-propylbenzene	6.230	5.311	5.376	4.397	4.563	5.599	5.246	12.93
79) T	2-Chlorotoluene	3.405	2.823	3.014	2.602	2.633	3.060	2.923	10.34
80) T	1,3,5-Trimethylbe	4.019	3.443	3.548	3.031	3.250	3.714	3.501	9.92
81) T	trans-1,4-Dichlor	0.249	0.211	0.226	0.249	0.184	0.223	0.224	10.99
82) T	4-Chlorotoluene	3.509	2.991	2.933	2.655	2.581	3.150	2.970	11.42
83) T	tert-Butylbenzene	4.032	3.492	3.587	2.993	3.108	3.716	3.488	11.08
84) T	1,2,4-Trimethylbe	3.846	3.329	3.640	3.118	3.193	3.729	3.476	8.71
85) T	sec-Butylbenzene	5.769	4.871	5.171	4.299	4.421	5.267	4.966	11.14
86) T	p-Isopropyltoluen	4.642	3.967	4.257	3.467	3.677	4.228	4.040	10.56
87) T	1,3-Dichlorobenze	2.072	1.690	1.710	1.500	1.479	1.805	1.709	12.75
88) T	1,4-Dichlorobenze	1.860	1.616	1.704	1.573	1.462	1.645	1.643	8.14
89) T	n-Butylbenzene	4.723	4.192	4.323	3.599	3.725	4.341	4.151	10.11
90) T	Hexachloroethane	0.991	0.899	0.979	0.882	0.898	0.895	0.924	5.19
91) T	1,2-Dichlorobenze	1.807	1.574	1.701	1.483	1.486	1.738	1.632	8.37
92) T	1,2-Dibromo-3-Chl	0.113	0.110	0.134	0.137	0.114	0.098	0.118	12.74
93) T	1,2,4-Trichlorobe	1.231	1.108	1.207	1.032	1.051	1.107	1.123	7.18
94) T	Hexachlorobutadie	0.774	0.697	0.774	0.671	0.718	0.702	0.723	5.92
95) T	Naphthalene	2.175	1.923	2.299	2.227	2.083	1.987	2.116	6.83
96) T	1,2,3-Trichlorobe	1.211	0.985	1.136	0.981	0.994	1.037	1.058	9.00

(#) = Out of Range