

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F030419S.M
 Title : SW846 8260
 Last Update : Tue Mar 05 04:50:44 2019
 Response Via : Initial Calibration

Calibration Files

5 =VF061822.D 20 =VF061824.D 50 =VF061825.D
 100 =VF061827.D 75 =VF061826.D 10 =VF061823.D

	Compound	5	20	50	100	75	10	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.618	0.654	0.611	0.580	0.539	0.680	0.614	8.26
3) P	Chloromethane	0.668	0.616	0.585	0.557	0.522	0.622	0.595	8.67
4) C	Vinyl Chloride	0.583	0.605	0.569	0.539	0.507	0.586	0.565	6.34#
5) T	Bromomethane	0.435	0.363	0.397	0.355	0.348	0.412	0.385	9.14
6) T	Chloroethane	0.276	0.270	0.280	0.266	0.235	0.284	0.268	6.65
7) T	Trichlorofluorome	0.685	0.690	0.713	0.682	0.657	0.710	0.690	3.01
8) T	Diethyl Ether	0.160	0.152	0.165	0.152	0.149	0.163	0.157	4.28
9) T	1,1,2-Trichlorotr	0.530	0.479	0.463	0.438	0.415	0.485	0.468	8.47
10) T	Methyl Iodide	0.979	0.856	0.903	0.867	0.829	0.913	0.891	5.95
11) T	Tert butyl alcoho	0.019	0.020	0.021	0.023	0.019	0.022	0.021	9.06
12) CM	1,1-Dichloroethen	0.473	0.414	0.429	0.396	0.389	0.464	0.428	8.12#
13) T	Acrolein	0.031	0.023	0.026	0.030	0.021	0.026	0.026	14.94
14) T	Allyl chloride	0.518	0.437	0.474	0.472	0.452	0.473	0.471	5.85
15) T	Acrylonitrile	0.073	0.065	0.065	0.071	0.061	0.060	0.066	7.92
16) T	Acetone	0.087	0.072	0.076	0.079	0.067	0.077	0.076	9.02
17) T	Carbon Disulfide	1.424	1.309	1.380	1.264	1.252	1.357	1.331	5.10
18) T	Methyl Acetate	0.299	0.165	0.159	0.174	0.144	0.213	0.192	29.75
19) T	Methyl tert-butyl	0.750	0.722	0.751	0.773	0.665	0.679	0.723	5.94
20) T	Methylene Chlorid	0.909	0.448	0.426	0.415	0.385	0.676	0.543	38.26
21) T	trans-1,2-Dichlor	0.487	0.354	0.382	0.429	0.333	0.431	0.402	14.13
22) T	Diisopropyl ether	1.275	1.180	1.255	1.270	1.161	1.211	1.225	3.98
23) T	Vinyl Acetate	0.546	0.530	0.562	0.576	0.538	0.533	0.547	3.29
24) P	1,1-Dichloroethan	0.741	0.728	0.735	0.729	0.693	0.768	0.732	3.35
25) T	2-Butanone	0.157	0.151	0.155	0.168	0.144	0.156	0.155	5.02
26) T	2,2-Dichloropropa	0.364	0.327	0.329	0.315	0.292	0.335	0.327	7.18
27) T	cis-1,2-Dichloroe	0.578	0.564	0.585	0.571	0.515	0.534	0.558	4.93
28) T	Bromochloromethan	0.357	0.330	0.302	0.303	0.293	0.331	0.319	7.55
29)	Tetrahydrofuran	0.071	0.065	0.064	0.073	0.060	0.068	0.067	7.16
30) C	Chloroform	0.872	0.819	0.866	0.821	0.801	0.840	0.837	3.36#
31) T	Cyclohexane	0.814	0.734	0.789	0.742	0.719	0.805	0.767	5.24
32) T	1,1,1-Trichloroet	0.570	0.498	0.519	0.529	0.472	0.506	0.516	6.46
33) S	1,2-Dichloroethan	0.348	0.376	0.357	0.386	0.360	0.357	0.364	3.88

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.326	0.373	0.337	0.349	0.339	0.369	0.349	5.38
36) T	1,1-Dichloroprope	0.468	0.495	0.494	0.443	0.461	0.473	0.472	4.25
37) T	Ethyl Acetate	0.194	0.218	0.193	0.206	0.182	0.197	0.198	6.14
38) T	Carbon Tetrachlor	0.332	0.334	0.365	0.308	0.326	0.341	0.334	5.63
39) T	Methylcyclohexane	0.545	0.565	0.602	0.526	0.541	0.568	0.558	4.75
40) TM	Benzene	1.203	1.276	1.303	1.159	1.186	1.281	1.235	4.83
41) T	Methacrylonitrile	0.112	0.113	0.109	0.111	0.099	0.108	0.109	4.48
42) TM	1,2-Dichloroethan	0.265	0.316	0.336	0.316	0.292	0.321	0.308	8.19
43) T	Isopropyl Acetate	0.245	0.236	0.262	0.256	0.230	0.237	0.244	5.11
44) TM	Trichloroethene	0.393	0.381	0.408	0.370	0.360	0.389	0.384	4.48
45) C	1,2-Dichloropropa	0.292	0.301	0.310	0.289	0.285	0.284	0.294	3.38#
46) T	Dibromomethane	0.168	0.186	0.190	0.196	0.181	0.187	0.185	5.14
47) T	Bromodichlorometh	0.382	0.414	0.435	0.405	0.402	0.412	0.408	4.23
48) T	Methyl methacryla	0.138	0.158	0.165	0.167	0.146	0.153	0.155	7.21
49) T	1,4-Dioxane	0.001	0.001	0.002	0.002	0.001	0.001	0.001	16.05
50) S	Toluene-d8	0.992	1.068	1.007	1.032	1.046	1.077	1.037	3.22
51) T	4-Methyl-2-Pentan	0.165	0.176	0.172	0.168	0.151	0.181	0.169	6.26
52) CM	Toluene	0.753	0.749	0.769	0.700	0.665	0.746	0.730	5.37#

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	Compound	5	20	50	100	75	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.329	0.342	0.352	0.343	0.315	0.341	0.337	3.89
54) T	cis-1,3-Dichlorop	0.457	0.471	0.488	0.458	0.455	0.460	0.465	2.72
55) T	1,1,2-Trichloroet	0.203	0.213	0.217	0.216	0.198	0.214	0.210	3.65
56) T	Ethyl methacrylat	0.228	0.228	0.248	0.249	0.223	0.246	0.237	5.02
57) T	1,3-Dichloropropa	0.320	0.347	0.380	0.352	0.335	0.332	0.344	6.11
58) T	2-Chloroethyl Vin	0.034	0.038	0.036	0.041	0.038	0.037	0.038	6.12
59) T	2-Hexanone	0.132	0.126	0.121	0.118	0.109	0.126	0.122	6.61
60) T	Dibromochlorometh	0.284	0.300	0.315	0.321	0.295	0.284	0.300	5.17
61) T	1,2-Dibromoethane	0.224	0.225	0.246	0.245	0.223	0.226	0.231	4.65
62) S	4-Bromofluorobenz	0.400	0.418	0.400	0.380	0.399	0.440	0.406	5.02
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.370	0.402	0.416	0.358	0.364	0.395	0.384	6.13
65) PM	Chlorobenzene	0.969	0.991	1.016	0.932	0.912	0.943	0.961	4.06
66) T	1,1,1,2-Tetrachlo	0.363	0.399	0.383	0.369	0.345	0.374	0.372	4.90
67) C	Ethyl Benzene	1.632	1.676	1.703	1.472	1.425	1.645	1.592	7.21#
68) T	m/p-Xylenes	0.644	0.641	0.612	0.548	0.574	0.641	0.610	6.64
69) T	o-Xylene	0.661	0.679	0.703	0.627	0.600	0.671	0.657	5.68
70) T	Styrene	0.940	0.986	0.958	0.886	0.829	0.948	0.924	6.19
71) P	Bromoform	0.185	0.206	0.209	0.204	0.183	0.193	0.197	5.67
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.489	3.607	3.590	3.252	3.307	3.408	3.442	4.25
74) T	N-amyl acetate	0.740	0.823	0.826	0.829	0.734	0.803	0.792	5.58
75) P	1,1,2,2-Tetrachlo	0.563	0.584	0.590	0.617	0.540	0.538	0.572	5.43
76) T	1,2,3-Trichloropr	0.381	0.390	0.395	0.414	0.374	0.388	0.390	3.47
77) T	Bromobenzene	0.866	0.829	0.849	0.834	0.766	0.827	0.828	4.11
78) T	n-propylbenzene	4.058	4.008	4.069	3.583	3.535	4.071	3.887	6.58
79) T	2-Chlorotoluene	2.274	2.294	2.265	2.102	2.097	2.302	2.222	4.33
80) T	1,3,5-Trimethylbe	2.842	2.850	2.879	2.557	2.594	2.861	2.764	5.31
81) T	trans-1,4-Dichlor	0.175	0.192	0.174	0.201	0.174	0.156	0.179	8.85
82) T	4-Chlorotoluene	2.278	2.351	2.398	2.135	2.105	2.372	2.273	5.52
83) T	tert-Butylbenzene	2.738	3.079	3.145	2.743	2.796	3.107	2.935	6.64
84) T	1,2,4-Trimethylbe	2.762	2.868	2.912	2.477	2.566	2.671	2.709	6.28
85) T	sec-Butylbenzene	3.889	3.922	4.057	3.601	3.600	3.844	3.819	4.81
86) T	p-Isopropyltoluen	3.368	3.337	3.292	3.024	3.009	3.447	3.246	5.70
87) T	1,3-Dichlorobenze	1.699	1.557	1.584	1.471	1.414	1.712	1.573	7.58
88) T	1,4-Dichlorobenze	1.553	1.523	1.544	1.480	1.450	1.554	1.517	2.82
89) T	n-Butylbenzene	3.251	3.287	3.194	2.796	2.794	3.291	3.102	7.74
90) T	Hexachloroethane	0.736	0.786	0.846	0.786	0.781	0.753	0.781	4.82
91) T	1,2-Dichlorobenze	1.575	1.527	1.506	1.427	1.382	1.525	1.490	4.81
92) T	1,2-Dibromo-3-Chl	0.066	0.084	0.092	0.108	0.097	0.083	0.088	15.98
93) T	1,2,4-Trichlorobe	1.146	1.056	1.044	1.005	0.934	1.084	1.045	6.86
94) T	Hexachlorobutadie	0.909	0.709	0.729	0.665	0.642	0.685	0.723	13.28
95) T	Naphthalene	1.782	1.795	1.953	2.064	1.865	1.707	1.861	6.97
96) T	1,2,3-Trichlorobe	0.910	0.994	1.016	1.006	0.950	0.912	0.965	4.92

(#) = Out of Range