

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA F\METHODS\
 Method File : 82F081418S.M
 Title : SW846 8260
 Last Update : Wed Aug 15 09:20:23 2018
 Response Via : Initial Calibration

Calibration Files

5 =VF059952.D 20 =VF059954.D 50 =VF059955.D
 100 =VF059957.D 150 =VF059958.D 10 =VF059953.D

	Compound	5	20	50	100	150	10	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.732	0.769	0.746	0.704	0.676	0.819	0.741	6.75
3) P	Chloromethane	0.317	0.349	0.312	0.303	0.306	0.308	0.316	5.35
4) C	Vinyl Chloride	0.324	0.367	0.367	0.354	0.372	0.391	0.363	6.12#
5) T	Bromomethane	0.343	0.353	0.314	0.291	0.293	0.364	0.326	9.58
6) T	Chloroethane	0.215	0.249	0.230	0.234	0.227	0.257	0.235	6.49
7) T	Trichlorofluorome	1.061	1.038	1.107	1.016	0.969	1.165	1.059	6.54
8) T	Diethyl Ether	0.135	0.144	0.147	0.155	0.152	0.141	0.146	4.90
9) T	1,1,2-Trichlorotr	0.521	0.574	0.525	0.483	0.479	0.626	0.535	10.55
10) T	Methyl Iodide	0.832	0.867	0.806	0.802	0.805	0.895	0.835	4.63
11) T	Tert butyl alcoho	0.033	0.039	0.037	0.032	0.031	0.036	0.035	9.11
12) CM	1,1-Dichloroethen	0.383	0.411	0.402	0.371	0.379	0.432	0.396	5.78#
13) T	Acrolein	0.020	0.014	0.022	0.021	0.022	0.014	0.019	19.92
14) T	Allyl chloride	0.720	0.569	0.504	0.529	0.514	0.548	0.564	14.20
15) T	Acrylonitrile	0.050	0.054	0.054	0.050	0.053	0.054	0.053	3.63
16) T	Acetone	0.202	0.189	0.165	0.150	0.146	0.188	0.174	13.23
17) T	Carbon Disulfide	1.042	1.081	0.950	0.970	0.972	1.075	1.015	5.72
18) T	Methyl Acetate	0.286	0.247	0.218	0.224	0.217	0.255	0.241	11.25
19) T	Methyl tert-butyl	1.113	1.176	1.131	1.126	1.078	1.205	1.138	3.99
20) T	Methylene Chlorid	0.614	0.442	0.364	0.350	0.341	0.532	0.441	25.33
21) T	trans-1,2-Dichlor	0.415	0.411	0.380	0.367	0.359	0.381	0.385	5.92
22) T	Diisopropyl ether	1.284	1.312	1.308	1.292	1.287	1.297	1.297	0.87
23) T	Vinyl Acetate	0.573	0.684	0.687	0.651	0.639	0.628	0.644	6.54
24) P	1,1-Dichloroethan	0.970	0.987	0.923	0.852	0.857	0.908	0.916	6.09
25) T	2-Butanone	0.170	0.192	0.168	0.168	0.166	0.190	0.175	6.92
26) T	2,2-Dichloropropa	0.619	0.632	0.628	0.543	0.515	0.641	0.596	8.97
27) T	cis-1,2-Dichloroe	0.428	0.441	0.433	0.423	0.409	0.419	0.426	2.60
28) T	Bromochloromethan	0.389	0.367	0.354	0.317	0.300	0.321	0.341	10.01
29)	Tetrahydrofuran	0.057	0.068	0.060	0.058	0.057	0.063	0.060	7.01
30) C	Chloroform	1.194	1.347	1.267	1.211	1.192	1.339	1.258	5.63#
31) T	Cyclohexane	0.425	0.484	0.475	0.451	0.452	0.464	0.458	4.53
32) T	1,1,1-Trichloroet	1.066	1.129	1.037	0.973	0.959	1.043	1.035	6.04
33) S	1,2-Dichloroethan	0.868	0.877	0.942	0.884	0.811	0.863	0.874	4.81

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.544	0.511	0.493	0.461	0.440	0.556	0.501	9.09
36) T	1,1-Dichloroprope	0.582	0.578	0.554	0.529	0.509	0.582	0.555	5.57
37) T	Ethyl Acetate	0.217	0.263	0.236	0.223	0.213	0.274	0.238	10.64
38) T	Carbon Tetrachlor	0.996	0.997	0.948	0.803	0.784	1.021	0.925	11.32
39) T	Methylcyclohexane	0.391	0.432	0.412	0.388	0.379	0.421	0.404	5.13
40) TM	Benzene	0.992	0.959	0.956	0.913	0.852	0.970	0.940	5.34
41) T	Methacrylonitrile	0.120	0.130	0.116	0.114	0.110	0.113	0.117	6.20
42) TM	1,2-Dichloroethan	0.779	0.808	0.782	0.688	0.643	0.781	0.747	8.78
43) T	Isopropyl Acetate	0.241	0.267	0.258	0.253	0.270	0.265	0.259	4.14
44) TM	Trichloroethene	0.376	0.386	0.366	0.335	0.318	0.389	0.362	8.03
45) C	1,2-Dichloropropa	0.258	0.266	0.253	0.237	0.242	0.236	0.249	4.97#
46) T	Dibromomethane	0.257	0.241	0.249	0.233	0.224	0.268	0.245	6.63
47) T	Bromodichlorometh	0.696	0.756	0.716	0.670	0.656	0.754	0.708	5.91
48) T	Methyl methacryla	0.169	0.194	0.205	0.209	0.210	0.171	0.193	9.62
49) T	1,4-Dioxane	0.001	0.001	0.002	0.001	0.002	0.001	0.001	10.21
50) S	Toluene-d8	1.086	1.142	1.136	1.069	1.068	1.128	1.105	3.11
51) T	4-Methyl-2-Pentan	0.241	0.268	0.265	0.236	0.232	0.264	0.251	6.62
52) CM	Toluene	0.691	0.754	0.705	0.662	0.638	0.729	0.696	6.10#

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	Compound	5	20	50	100	150	10	Avg	%RSD
53) T	t-1,3-Dichloropro	0.562	0.632	0.588	0.535	0.530	0.627	0.579	7.68
54) T	cis-1,3-Dichlorop	0.488	0.580	0.606	0.561	0.539	0.571	0.557	7.31
55) T	1,1,2-Trichloroet	0.222	0.260	0.242	0.235	0.234	0.235	0.238	5.26
56) T	Ethyl methacrylat	0.212	0.252	0.271	0.268	0.283	0.247	0.256	9.86
57) T	1,3-Dichloropropa	0.404	0.473	0.468	0.419	0.404	0.462	0.438	7.44
58) T	2-Chloroethyl Vin	0.032	0.037	0.036	0.033	0.029	0.039	0.034	10.24
59) T	2-Hexanone	0.173	0.195	0.197	0.178	0.171	0.186	0.183	6.03
60) T	Dibromochlorometh	0.443	0.493	0.502	0.463	0.443	0.483	0.471	5.41
61) T	1,2-Dibromoethane	0.257	0.309	0.308	0.296	0.294	0.317	0.297	7.17
62) S	4-Bromofluorobenz	0.596	0.654	0.645	0.599	0.555	0.592	0.607	6.10
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.459	0.399	0.372	0.356	0.355	0.394	0.389	10.03
65) PM	Chlorobenzene	1.069	1.019	0.959	0.861	0.912	0.975	0.966	7.69
66) T	1,1,1,2-Tetrachlo	0.465	0.531	0.458	0.433	0.429	0.485	0.467	8.01
67) C	Ethyl Benzene	1.753	1.828	1.687	1.640	1.615	1.712	1.706	4.54#
68) T	m/p-Xylenes	0.615	0.617	0.561	0.527	0.524	0.599	0.574	7.41
69) T	o-Xylene	0.601	0.664	0.621	0.602	0.601	0.649	0.623	4.37
70) T	Stvrene	0.868	1.049	0.925	0.882	0.870	0.936	0.922	7.43
71) P	Bromoform	0.306	0.301	0.295	0.268	0.275	0.296	0.290	5.25
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.952	3.447	3.274	3.161	3.044	2.990	3.145	6.02
74) T	N-amyl acetate	0.585	0.722	0.721	0.758	0.754	0.618	0.693	10.58
75) P	1,1,2,2-Tetrachlo	0.568	0.538	0.526	0.519	0.506	0.514	0.529	4.19
76) T	1,2,3-Trichloropr	0.437	0.468	0.470	0.449	0.439	0.472	0.456	3.51
77) T	Bromobenzene	0.814	0.874	0.823	0.806	0.776	0.859	0.825	4.36
78) T	n-propylbenzene	3.735	3.981	3.774	3.500	3.291	3.859	3.690	6.82
79) T	2-Chlorotoluene	2.383	2.389	2.291	2.271	2.153	2.386	2.312	4.06
80) T	1,3,5-Trimethylbe	2.914	3.120	2.933	2.884	2.674	3.046	2.928	5.24
81) T	trans-1,4-Dichlor	0.189	0.175	0.176	0.196	0.199	0.182	0.186	5.44
82) T	4-Chlorotoluene	2.764	2.547	2.514	2.479	2.328	2.677	2.551	6.02
83) T	tert-Butylbenzene	2.793	3.193	2.977	2.829	2.541	2.976	2.885	7.61
84) T	1,2,4-Trimethylbe	2.810	3.148	3.088	2.915	2.695	3.053	2.952	5.97
85) T	sec-Butylbenzene	3.658	3.896	3.850	3.579	3.296	3.773	3.675	5.99
86) T	p-Isopropyltoluen	3.064	3.500	3.375	3.190	2.946	3.354	3.238	6.46
87) T	1,3-Dichlorobenze	1.682	1.682	1.539	1.445	1.375	1.668	1.565	8.52
88) T	1,4-Dichlorobenze	1.582	1.545	1.580	1.514	1.395	1.630	1.541	5.27
89) T	n-Butylbenzene	2.980	3.381	3.282	3.041	2.795	3.234	3.119	7.01
90) T	Hexachloroethane	0.834	0.812	0.810	0.804	0.751	0.798	0.802	3.43
91) T	1,2-Dichlorobenze	1.644	1.596	1.489	1.436	1.345	1.599	1.518	7.58
92) T	1,2-Dibromo-3-Chl	0.118	0.152	0.151	0.147	0.146	0.147	0.143	8.85
93) T	1,2,4-Trichlorobe	1.261	1.263	1.273	1.130	1.092	1.282	1.217	6.86
94) T	Hexachlorobutadie	0.915	0.907	0.894	0.823	0.764	0.917	0.870	7.20
95) T	Naphthalene	1.886	2.013	2.108	2.060	2.098	1.755	1.987	7.02
96) T	1,2,3-Trichlorobe	1.143	1.179	1.214	1.141	1.100	1.189	1.161	3.50

(#) = Out of Range