

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D070720S.M
 Title : SW846 8260
 Last Update : Wed Jul 08 09:45:47 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD065921.D 5 =VD065920.D 20 =VD065922.D
 50 =VD065923.D 100 =VD065924.D 150 =VD065925.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.521	0.483	0.499	0.403	0.398	0.363	0.445	14.50
3) P	Chloromethane	0.491	0.487	0.479	0.395	0.409	0.383	0.441	11.36
4) C	Vinyl Chloride	0.441	0.438	0.432	0.381	0.383	0.353	0.405	9.17#
5) T	Bromomethane	0.282	0.303	0.270	0.241	0.232	0.210	0.256	13.57
6) T	Chloroethane	0.245	0.272	0.260	0.232	0.232	0.211	0.242	9.03
7) T	Trichlorofluorome	0.933	0.935	0.913	0.823	0.828	0.771	0.867	7.95
8) T	Diethyl Ether	0.236	0.258	0.243	0.227	0.239	0.224	0.238	5.13
9) T	1,1,2-Trichlorotr	0.540	0.567	0.542	0.504	0.495	0.464	0.519	7.23
10) T	Methyl Iodide	0.426	0.394	0.466	0.527	0.585	0.558	0.493	15.40
11) T	Tert butyl alcoho	0.037	0.038	0.036	0.027	0.028	0.026	0.032	17.65
12) CM	1,1-Dichloroethen	0.489	0.534	0.502	0.466	0.470	0.446	0.485	6.41#
13) T	Acrolein	0.030	0.032	0.032	0.021	0.022	0.020	0.026	21.98
14) T	Allyl chloride	0.837	0.828	0.850	0.813	0.827	0.771	0.821	3.33
15) T	Acrylonitrile	0.103	0.103	0.109	0.103	0.108	0.100	0.104	3.22
16) T	Acetone	0.109	0.116	0.104	0.097	0.105	0.092	0.104	8.28
17) T	Carbon Disulfide	1.613	1.660	1.616	1.475	1.493	1.407	1.544	6.44
18) T	Methyl Acetate	0.239	0.308	0.243	0.225	0.230	0.216	0.243	13.63
19) T	Methyl tert-butyl	1.040	0.980	1.054	1.017	1.077	0.988	1.026	3.72
20) T	Methylene Chlorid	0.988	1.060	0.751	0.592	0.543	0.494	0.738	32.39
21) T	trans-1,2-Dichlor	0.565	0.577	0.557	0.540	0.530	0.501	0.545	5.03
22) T	Diisopropyl ether	1.571	1.538	1.608	1.564	1.551	1.428	1.543	3.98
23) T	Vinyl Acetate	0.877	0.816	0.925	0.896	0.930	0.841	0.881	5.16
24) P	1,1-Dichloroethan	0.934	0.976	0.948	0.906	0.911	0.846	0.920	4.84
25) T	2-Butanone	0.143	0.144	0.137	0.133	0.141	0.126	0.137	5.00
26) T	2,2-Dichloropropa	0.844	0.873	0.819	0.785	0.784	0.725	0.805	6.46
27) T	cis-1,2-Dichloroe	0.599	0.606	0.599	0.582	0.584	0.545	0.586	3.75
28) T	Bromochloromethan	0.397	0.353	0.388	0.325	0.321	0.301	0.348	11.13
29) T	Tetrahydrofuran	0.088	0.093	0.089	0.085	0.089	0.081	0.087	4.69
30) C	Chloroform	0.960	0.999	0.955	0.913	0.920	0.852	0.933	5.42#
31) T	Cyclohexane	0.956	1.074	0.926	0.851	0.840	0.786	0.905	11.40
32) T	1,1,1-Trichloroet	0.868	0.890	0.888	0.837	0.837	0.788	0.851	4.59
33) S	1,2-Dichloroethan	0.452	0.498	0.456	0.437	0.427	0.388	0.443	8.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.289	0.356	0.311	0.311	0.305	0.279	0.308	8.63
36) T	1,1-Dichloroprope	0.505	0.521	0.508	0.479	0.495	0.456	0.494	4.72
37) T	Ethyl Acetate	0.218	0.215	0.212	0.188	0.213	0.195	0.207	5.91
38) T	Carbon Tetrachlor	0.549	0.572	0.533	0.513	0.529	0.481	0.529	5.91
39) T	Methylcyclohexane	0.600	0.603	0.621	0.606	0.627	0.581	0.606	2.68
40) TM	Benzene	1.375	1.391	1.406	1.368	1.378	1.267	1.364	3.64
41) T	Methacrylonitrile	0.125	0.123	0.119	0.121	0.132	0.101	0.120	8.75
42) TM	1,2-Dichloroethan	0.394	0.410	0.393	0.384	0.386	0.353	0.386	4.83
43) T	Isopropyl Acetate	0.383	0.376	0.388	0.384	0.412	0.368	0.385	3.82
44) TM	Trichloroethene	0.420	0.407	0.410	0.393	0.400	0.376	0.401	3.80
45) C	1,2-Dichloropropa	0.343	0.343	0.343	0.338	0.342	0.322	0.339	2.48#
46) T	Dibromomethane	0.175	0.185	0.182	0.174	0.179	0.163	0.176	4.34
47) T	Bromodichlorometh	0.473	0.486	0.482	0.471	0.480	0.445	0.473	3.10
48) T	Methyl methacryla	0.192	0.172	0.198	0.197	0.212	0.192	0.194	6.62
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.47
50) S	Toluene-d8	1.113	1.203	1.147	1.144	1.119	1.026	1.125	5.18
51) T	4-Methyl-2-Pentan	0.195	0.197	0.198	0.190	0.206	0.183	0.195	4.04
52) CM	Toluene	0.876	0.856	0.898	0.884	0.883	0.810	0.868	3.64#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.424	0.431	0.463	0.449	0.468	0.432	0.445	4.11
54) T	cis-1,3-Dichlorop	0.519	0.533	0.551	0.537	0.564	0.519	0.537	3.35
55) T	1,1,2-Trichloroet	0.253	0.248	0.243	0.239	0.249	0.227	0.243	3.82
56) T	Ethyl methacrylat	0.277	0.260	0.310	0.304	0.330	0.299	0.297	8.32
57) T	1,3-Dichloropropa	0.419	0.424	0.449	0.420	0.441	0.395	0.425	4.40
58) T	2-Chloroethyl Vin	0.148	0.144	0.155	0.140	0.141	0.134	0.144	5.28
59) T	2-Hexanone	0.131	0.128	0.142	0.133	0.144	0.126	0.134	5.40
60) T	Dibromochlorometh	0.328	0.334	0.352	0.327	0.337	0.313	0.332	3.97
61) T	1,2-Dibromoethane	0.237	0.264	0.246	0.237	0.246	0.223	0.242	5.69
62) S	4-Bromofluorobenz	0.370	0.406	0.394	0.405	0.387	0.356	0.386	5.09
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.365	0.386	0.369	0.358	0.364	0.340	0.364	4.08
65) PM	Chlorobenzene	1.008	1.009	1.065	1.013	1.005	0.946	1.008	3.76
66) T	1,1,1,2-Tetrachlo	0.374	0.390	0.383	0.378	0.379	0.357	0.377	2.97
67) C	Ethyl Benzene	1.778	1.785	1.857	1.821	1.807	1.691	1.790	3.13#
68) T	m/p-Xylenes	0.669	0.668	0.710	0.699	0.687	0.647	0.680	3.38
69) T	o-Xylene	0.613	0.582	0.641	0.639	0.648	0.595	0.620	4.37
70) T	Styrene	1.033	1.050	1.111	1.115	1.089	1.018	1.069	3.84
71) P	Bromoform	0.217	0.223	0.215	0.208	0.217	0.199	0.213	3.95
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.495	3.258	3.594	3.581	3.627	3.382	3.490	4.12
74) T	N-amyl acetate	0.768	0.740	0.803	0.773	0.840	0.775	0.783	4.38
75) P	1,1,2,2-Tetrachlo	0.591	0.589	0.591	0.566	0.596	0.545	0.579	3.46
76) T	1,2,3-Trichloropr	0.420	0.493	0.410	0.396	0.413	0.383	0.419	9.21
77) T	Bromobenzene	0.835	0.836	0.874	0.848	0.866	0.820	0.846	2.40
78) T	n-propylbenzene	4.049	3.939	4.289	4.180	4.180	3.909	4.091	3.67
79) T	2-Chlorotoluene	2.286	2.326	2.410	2.326	2.371	2.207	2.321	3.02
80) T	1,3,5-Trimethylbe	2.839	2.683	2.996	2.916	2.935	2.755	2.854	4.14
81) T	trans-1,4-Dichlor	0.195	0.176	0.204	0.194	0.209	0.194	0.195	5.86
82) T	4-Chlorotoluene	2.486	2.432	2.503	2.437	2.460	2.293	2.435	3.07
83) T	tert-Butylbenzene	2.393	2.212	2.540	2.501	2.549	2.394	2.432	5.26
84) T	1,2,4-Trimethylbe	2.814	2.748	2.980	2.885	2.912	2.707	2.841	3.64
85) T	sec-Butylbenzene	3.421	3.287	3.557	3.524	3.576	3.313	3.446	3.64
86) T	p-Isopropyltoluen	3.120	2.978	3.245	3.259	3.271	3.039	3.152	3.97
87) T	1,3-Dichlorobenze	1.609	1.557	1.668	1.582	1.603	1.484	1.584	3.87
88) T	1,4-Dichlorobenze	1.598	1.586	1.639	1.581	1.585	1.492	1.580	3.05
89) T	n-Butylbenzene	2.924	2.840	3.051	3.037	3.056	2.851	2.960	3.41
90) T	Hexachloroethane	0.636	0.628	0.655	0.643	0.643	0.609	0.636	2.49
91) T	1,2-Dichlorobenze	1.384	1.383	1.434	1.382	1.410	1.313	1.384	2.93
92) T	1,2-Dibromo-3-Chl	0.091	0.099	0.104	0.095	0.101	0.091	0.097	5.63
93) T	1,2,4-Trichlorobe	0.939	0.953	1.019	0.989	1.048	0.970	0.987	4.20
94) T	Hexachlorobutadie	0.567	0.609	0.600	0.611	0.617	0.576	0.597	3.41
95) T	Naphthalene	1.566	1.530	1.631	1.657	1.834	1.710	1.655	6.58
96) T	1,2,3-Trichlorobe	0.836	0.807	0.887	0.848	0.895	0.831	0.851	4.01

(#) = Out of Range