

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D051320S.M
 Title : SW846 8260
 Last Update : Wed May 13 14:28:42 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD065727.D 5 =VD065726.D 20 =VD065728.D
 50 =VD065729.D 100 =VD065730.D 150 =VD065731.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.296	0.387	0.304	0.322	0.339	0.320	0.328	9.87
3) P	Chloromethane	0.473	0.549	0.464	0.445	0.458	0.431	0.470	8.84
4) C	Vinyl Chloride	0.499	0.558	0.503	0.487	0.521	0.486	0.509	5.29#
5) T	Bromomethane	0.343	0.392	0.323	0.312	0.325	0.324	0.336	8.60
6) T	Chloroethane	0.320	0.354	0.333	0.321	0.338	0.315	0.330	4.41
7) T	Trichlorofluorome	0.693	0.761	0.701	0.688	0.713	0.668	0.704	4.50
8) T	Diethyl Ether	0.206	0.199	0.202	0.200	0.208	0.199	0.202	1.87
9) T	1,1,2-Trichlorotr	0.441	0.459	0.435	0.417	0.436	0.408	0.433	4.10
10) T	Methyl Iodide	0.379	0.402	0.421	0.459	0.537	0.515	0.452	13.98
11) T	Tert butyl alcoho	0.058	0.089	0.048	0.031	0.030	0.027	0.047	50.51
12) CM	1,1-Dichloroethen	0.420	0.425	0.407	0.402	0.418	0.391	0.410	3.12#
13) T	Acrolein	0.031	0.031	0.028	0.021	0.022	0.021	0.026	19.60
14) T	Allyl chloride	0.723	0.766	0.704	0.684	0.708	0.672	0.709	4.67
15) T	Acrylonitrile	0.090	0.091	0.093	0.085	0.091	0.085	0.089	3.59
16) T	Acetone	0.088	0.093	0.077	0.080	0.081	0.076	0.083	7.87
17) T	Carbon Disulfide	1.288	1.422	1.297	1.236	1.303	1.230	1.296	5.33
18) T	Methyl Acetate	0.228	0.267	0.224	0.183	0.196	0.183	0.214	15.23
19) T	Methyl tert-butyl	0.955	1.009	0.979	0.918	0.965	0.917	0.957	3.73
20) T	Methylene Chlorid	0.473	0.578	0.467	0.420	0.438	0.421	0.466	12.71
21) T	trans-1,2-Dichlor	0.469	0.522	0.473	0.453	0.473	0.443	0.472	5.77
22) T	Diisopropyl ether	1.358	1.404	1.368	1.303	1.368	1.303	1.351	2.98
23) T	Vinyl Acetate	0.800	0.767	0.812	0.777	0.827	0.783	0.794	2.89
24) P	1,1-Dichloroethan	0.791	0.828	0.806	0.760	0.801	0.758	0.791	3.50
25) T	2-Butanone	0.121	0.130	0.117	0.112	0.118	0.110	0.118	6.13
26) T	2,2-Dichloropropa	0.756	0.805	0.729	0.699	0.728	0.687	0.734	5.77
27) T	cis-1,2-Dichloroe	0.531	0.557	0.514	0.493	0.517	0.494	0.518	4.70
28) T	Bromochloromethan	0.314	0.320	0.314	0.334	0.349	0.319	0.325	4.32
29) T	Tetrahydrofuran	0.078	0.079	0.075	0.072	0.075	0.071	0.075	4.44
30) C	Chloroform	0.814	0.834	0.804	0.761	0.805	0.776	0.799	3.29#
31) T	Cyclohexane	0.832	0.973	0.808	0.727	0.761	0.701	0.800	12.18
32) T	1,1,1-Trichloroet	0.765	0.773	0.757	0.725	0.753	0.719	0.749	2.89
33) S	1,2-Dichloroethan	0.386	0.443	0.389	0.387	0.416	0.397	0.403	5.57

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.268	0.308	0.278	0.279	0.288	0.278	0.283	4.87
36) T	1,1-Dichloroprope	0.441	0.473	0.440	0.418	0.427	0.406	0.434	5.39
37) T	Ethyl Acetate	0.201	0.200	0.192	0.171	0.180	0.173	0.186	7.11
38) T	Carbon Tetrachlor	0.462	0.500	0.466	0.439	0.457	0.439	0.461	4.94
39) T	Methylcyclohexane	0.573	0.617	0.567	0.512	0.547	0.522	0.556	6.85
40) TM	Benzene	1.197	1.282	1.216	1.147	1.185	1.137	1.194	4.40
41) T	Methacrylonitrile	0.092	0.125	0.101	0.096	0.103	0.097	0.102	11.48
42) TM	1,2-Dichloroethan	0.338	0.348	0.333	0.323	0.330	0.322	0.332	2.90
43) T	Isopropyl Acetate	0.381	0.397	0.369	0.347	0.369	0.350	0.369	5.04
44) TM	Trichloroethene	0.367	0.386	0.357	0.344	0.350	0.339	0.357	4.84
45) C	1,2-Dichloropropa	0.297	0.306	0.298	0.283	0.294	0.288	0.294	2.77#
46) T	Dibromomethane	0.164	0.168	0.159	0.152	0.158	0.153	0.159	3.88
47) T	Bromodichlorometh	0.418	0.434	0.417	0.399	0.417	0.407	0.416	2.84
48) T	Methyl methacryla	0.170	0.156	0.189	0.173	0.178	0.172	0.173	6.13
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.16
50) S	Toluene-d8	1.030	1.201	1.058	1.044	1.087	1.050	1.078	5.84
51) T	4-Methyl-2-Pentan	0.183	0.184	0.180	0.170	0.176	0.166	0.176	4.07
52) CM	Toluene	0.800	0.824	0.798	0.753	0.774	0.744	0.782	3.93#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.412	0.421	0.402	0.391	0.410	0.400	0.406	2.56
54) T	cis-1,3-Dichlorop	0.492	0.489	0.489	0.473	0.481	0.473	0.483	1.72
55) T	1,1,2-Trichloroet	0.225	0.225	0.216	0.206	0.218	0.209	0.216	3.64
56) T	Ethyl methacrylat	0.289	0.282	0.290	0.274	0.283	0.274	0.282	2.48
57) T	1,3-Dichloropropa	0.385	0.398	0.384	0.359	0.371	0.360	0.376	4.14
58) T	2-Chloroethyl Vin	0.136	0.140	0.123	0.135	0.127	0.126	0.131	5.13
59) T	2-Hexanone	0.123	0.127	0.121	0.115	0.120	0.115	0.120	4.02
60) T	Dibromochlorometh	0.284	0.293	0.295	0.284	0.295	0.286	0.290	1.89
61) T	1,2-Dibromoethane	0.215	0.230	0.221	0.206	0.216	0.207	0.216	4.08
62) S	4-Bromofluorobenz	0.356	0.406	0.362	0.351	0.363	0.354	0.365	5.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.355	0.390	0.353	0.323	0.337	0.316	0.346	7.68
65) PM	Chlorobenzene	0.974	1.008	0.954	0.898	0.934	0.886	0.942	4.93
66) T	1,1,1,2-Tetrachlo	0.359	0.374	0.355	0.338	0.353	0.337	0.353	3.94
67) C	Ethyl Benzene	1.709	1.767	1.701	1.606	1.694	1.603	1.680	3.80#
68) T	m/p-Xylenes	0.662	0.672	0.654	0.614	0.642	0.606	0.642	4.17
69) T	o-Xylene	0.610	0.631	0.600	0.578	0.597	0.568	0.597	3.75
70) T	Stvrene	1.053	1.041	1.032	0.983	1.030	0.978	1.019	3.10
71) P	Bromoform	0.193	0.186	0.201	0.192	0.203	0.192	0.195	3.26
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.404	3.548	3.466	3.183	3.404	3.135	3.357	4.84
74) T	N-amyl acetate	0.787	0.778	0.794	0.770	0.802	0.745	0.779	2.59
75) P	1,1,2,2-Tetrachlo	0.536	0.561	0.547	0.513	0.538	0.492	0.531	4.66
76) T	1,2,3-Trichloropr	0.349	0.349	0.436	0.389	0.412	0.305	0.373	12.89
77) T	Bromobenzene	0.822	0.842	0.833	0.781	0.814	0.763	0.809	3.80
78) T	n-propylbenzene	3.952	4.229	4.001	3.734	3.947	3.663	3.921	5.15
79) T	2-Chlorotoluene	2.212	2.284	2.241	2.072	2.172	2.036	2.170	4.48
80) T	1,3,5-Trimethylbe	2.830	2.918	2.847	2.610	2.778	2.612	2.766	4.63
81) T	trans-1,4-Dichlor	0.192	0.194	0.193	0.187	0.198	0.177	0.190	3.78
82) T	4-Chlorotoluene	2.340	2.472	2.349	2.169	2.267	2.127	2.287	5.56
83) T	tert-Butylbenzene	2.517	2.617	2.516	2.323	2.466	2.277	2.453	5.26
84) T	1,2,4-Trimethylbe	2.738	2.894	2.815	2.597	2.750	2.572	2.728	4.56
85) T	sec-Butylbenzene	3.468	3.552	3.386	3.126	3.389	3.102	3.337	5.50
86) T	p-Isopropyltoluen	3.138	3.230	3.120	2.908	3.115	2.894	3.067	4.41
87) T	1,3-Dichlorobenze	1.570	1.630	1.553	1.437	1.509	1.405	1.518	5.59
88) T	1,4-Dichlorobenze	1.524	1.669	1.529	1.440	1.489	1.417	1.512	5.92
89) T	n-Butylbenzene	2.918	3.088	2.918	2.703	2.898	2.685	2.868	5.28
90) T	Hexachloroethane	0.608	0.643	0.590	0.570	0.617	0.573	0.600	4.69
91) T	1,2-Dichlorobenze	1.350	1.386	1.328	1.244	1.314	1.254	1.313	4.19
92) T	1,2-Dibromo-3-Chl	0.093	0.097	0.091	0.082	0.089	0.082	0.089	6.91
93) T	1,2,4-Trichlorobe	1.022	1.076	0.996	0.947	1.003	0.948	0.999	4.88
94) T	Hexachlorobutadie	0.614	0.649	0.600	0.559	0.612	0.558	0.599	5.86
95) T	Naphthalene	1.698	1.729	1.663	1.587	1.702	1.585	1.661	3.70
96) T	1,2,3-Trichlorobe	0.883	0.891	0.857	0.804	0.857	0.816	0.851	4.14

(#) = Out of Range