

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D053019S.M
 Title : SW846 8260
 Last Update : Fri May 31 02:08:29 2019
 Response Via : Initial Calibration

Calibration Files

5 =VD062547.D 10 =VD062548.D 20 =VD062554.D
 50 =VD062555.D 75 =VD062551.D 100 =VD062552.D

	Compound	5	10	20	50	75	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.711	0.582	0.608	0.556	0.460	0.561	0.580	14.08
3) P	Chloromethane	1.015	0.755	0.622	0.571	0.492	0.555	0.668	28.61
4) C	Vinyl Chloride	0.436	0.413	0.445	0.470	0.410	0.484	0.443	6.81#
5) T	Bromomethane	0.141	0.106	0.145	0.194	0.136	0.142	0.144	19.72
6) T	Chloroethane	0.228	0.179	0.190	0.243	0.202	0.205	0.208	11.52
7) T	Trichlorofluorome	0.977	0.853	0.938	1.009	0.860	0.980	0.936	7.02
8) T	Diethyl Ether	0.115	0.109	0.112	0.130	0.112	0.144	0.120	11.52
9) T	1,1,2-Trichlorotr	0.578	0.533	0.541	0.586	0.485	0.594	0.553	7.50
10) T	Methyl Iodide	0.349	0.394	0.740	0.817	0.631	0.833	0.627	33.66
11) T	Tert butyl alcoho	0.021	0.026	0.026	0.026	0.024	0.027	0.025	9.24
12) CM	1,1-Dichloroethen	0.382	0.363	0.412	0.423	0.336	0.430	0.391	9.45#
13) T	Acrolein	0.013	0.011	0.010	0.011	0.009	0.011	0.011	11.87
14) T	Allyl chloride	0.550	0.584	0.582	0.687	0.571	0.692	0.611	10.18
15) T	Acrylonitrile	0.055	0.056	0.060	0.065	0.058	0.065	0.060	7.25
16) T	Acetone	0.130	0.103	0.104	0.127	0.103	0.124	0.115	11.17
17) T	Carbon Disulfide	1.278	1.175	1.228	1.388	1.167	1.392	1.271	7.87
18) T	Methyl Acetate	0.230	0.197	0.188	0.172	0.155	0.185	0.188	13.52
19) T	Methyl tert-butyl	0.905	0.883	0.948	1.047	0.908	0.993	0.947	6.59
20) T	Methylene Chlorid	0.453	0.420	0.432	0.444	0.372	0.438	0.426	6.74
21) T	trans-1,2-Dichlor	0.427	0.431	0.436	0.471	0.415	0.483	0.444	6.03
22) T	Diisopropyl ether	1.133	1.158	1.238	1.385	1.185	1.389	1.248	9.08
23) T	Vinyl Acetate	0.690	0.687	0.744	0.861	0.707	0.851	0.757	10.54
24) P	1,1-Dichloroethan	0.758	0.737	0.809	0.893	0.737	0.898	0.805	9.27
25) T	2-Butanone	0.103	0.101	0.100	0.124	0.100	0.123	0.108	10.74
26) T	2,2-Dichloropropa	0.944	0.846	0.837	0.969	0.804	0.962	0.893	8.13
27) T	cis-1,2-Dichloroe	0.429	0.433	0.441	0.509	0.419	0.506	0.456	8.84
28) T	Bromochloromethan	0.291	0.290	0.281	0.286	0.250	0.271	0.278	5.57
29)	Tetrahydrofuran	0.045	0.043	0.048	0.057	0.044	0.054	0.049	11.89
30) C	Chloroform	0.909	0.890	0.967	1.096	0.894	1.067	0.970	9.34#
31) T	Cyclohexane	0.529	0.508	0.515	0.603	0.498	0.615	0.544	9.34
32) T	1,1,1-Trichloroet	0.995	0.909	1.008	1.113	0.924	1.111	1.010	8.71
33) S	1,2-Dichloroethan	0.592	0.604	0.547	0.646	0.513	0.615	0.586	8.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.436	0.455	0.427	0.515	0.435	0.466	0.456	7.13
36) T	1,1-Dichloroprope	0.510	0.482	0.472	0.537	0.480	0.505	0.498	4.92
37) T	Ethyl Acetate	0.234	0.214	0.201	0.218	0.186	0.205	0.210	7.86
38) T	Carbon Tetrachlor	0.694	0.708	0.709	0.833	0.754	0.749	0.741	6.87
39) T	Methylcyclohexane	0.448	0.360	0.389	0.443	0.423	0.464	0.421	9.37
40) TM	Benzene	0.922	0.945	0.934	1.065	0.955	1.040	0.977	6.17
41) T	Methacrylonitrile	0.237	0.235	0.242	0.270	0.235	0.261	0.247	6.04
42) TM	1,2-Dichloroethan	0.512	0.509	0.518	0.623	0.525	0.579	0.544	8.55
43) T	Isopropyl Acetate	0.231	0.229	0.252	0.303	0.264	0.287	0.261	11.40
44) TM	Trichloroethene	0.381	0.358	0.390	0.419	0.378	0.415	0.390	6.03
45) C	1,2-Dichloropropa	0.220	0.215	0.242	0.273	0.231	0.256	0.240	9.28#
46) T	Dibromomethane	0.186	0.180	0.201	0.227	0.201	0.212	0.201	8.65
47) T	Bromodichlorometh	0.514	0.513	0.550	0.620	0.568	0.561	0.554	7.16
48) T	Methyl methacryla	0.153	0.162	0.167	0.200	0.184	0.178	0.174	9.70
49) T	1,4-Dioxane	0.001	0.001	0.001	0.002	0.002	0.002	0.001	14.09
50) S	Toluene-d8	0.957	1.051	0.956	1.094	0.947	0.985	0.998	6.03
51) T	4-Methyl-2-Pentan	0.185	0.169	0.176	0.204	0.172	0.186	0.182	7.08
52) CM	Toluene	0.645	0.607	0.636	0.745	0.665	0.700	0.666	7.39#

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	Compound	5	10	20	50	75	100	Avg	%RSD
53) T	t-1,3-Dichloropro	0.435	0.440	0.442	0.540	0.466	0.487	0.468	8.55
54) T	cis-1,3-Dichlorop	0.452	0.443	0.474	0.558	0.486	0.509	0.487	8.62
55) T	1,1,2-Trichloroet	0.209	0.205	0.219	0.240	0.219	0.221	0.219	5.49
56) T	Ethyl methacrylat	0.216	0.212	0.230	0.244	0.220	0.277	0.233	10.39
57) T	1,3-Dichloropropa	0.323	0.337	0.302	0.372	0.343	0.346	0.337	7.04
58) T	2-Chloroethyl Vin	0.118	0.130	0.134	0.126	0.097	0.112	0.120	11.39
59) T	2-Hexanone	0.114	0.120	0.120	0.148	0.133	0.133	0.128	9.69
60) T	Dibromochlorometh	0.391	0.388	0.423	0.479	0.420	0.450	0.425	8.22
61) T	1,2-Dibromoethane	0.252	0.227	0.257	0.296	0.268	0.280	0.263	8.98
62) S	4-Bromofluorobenz	0.463	0.449	0.427	0.482	0.437	0.444	0.450	4.41
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.412	0.401	0.456	0.492	0.408	0.482	0.442	9.08
65) PM	Chlorobenzene	0.893	0.934	0.977	1.122	0.876	1.043	0.974	9.69
66) T	1,1,1,2-Tetrachlo	0.403	0.449	0.465	0.548	0.420	0.479	0.461	11.12
67) C	Ethyl Benzene	1.765	1.710	1.818	2.031	1.588	1.797	1.785	8.17#
68) T	m/p-Xylenes	0.605	0.575	0.650	0.674	0.577	0.623	0.617	6.46
69) T	o-Xylene	0.582	0.546	0.606	0.664	0.528	0.609	0.589	8.33
70) T	Stvrene	0.964	0.971	1.060	1.105	0.855	1.044	1.000	8.93
71) P	Bromoform	0.305	0.293	0.323	0.364	0.296	0.359	0.323	9.66
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.210	3.146	3.415	3.435	2.883	3.689	3.296	8.45
74) T	N-amyl acetate	0.799	0.782	0.831	0.864	0.766	1.001	0.840	10.26
75) P	1,1,2,2-Tetrachlo	0.438	0.496	0.534	0.586	0.460	0.623	0.523	13.78
76) T	1,2,3-Trichloropr	0.520	0.556	0.596	0.649	0.569	0.709	0.600	11.45
77) T	Bromobenzene	0.840	0.801	0.949	1.013	0.789	1.031	0.904	11.93
78) T	n-propylbenzene	3.850	3.456	3.900	3.905	3.417	4.270	3.799	8.40
79) T	2-Chlorotoluene	1.985	2.195	2.403	2.301	1.972	2.363	2.203	8.53
80) T	1,3,5-Trimethylbe	2.795	2.544	3.007	3.075	2.514	2.966	2.817	8.57
81) T	trans-1,4-Dichlor	0.168	0.158	0.160	0.188	0.157	0.201	0.172	10.52
82) T	4-Chlorotoluene	2.533	2.501	2.740	2.758	2.389	2.904	2.637	7.34
83) T	tert-Butylbenzene	3.136	2.916	3.145	3.257	2.862	3.543	3.143	7.84
84) T	1,2,4-Trimethylbe	3.145	2.646	2.842	2.846	2.672	3.069	2.870	7.07
85) T	sec-Butylbenzene	3.410	3.110	3.492	3.490	2.980	3.495	3.329	6.80
86) T	p-Isopropyltoluen	3.066	2.949	3.326	3.295	2.781	3.246	3.111	6.98
87) T	1,3-Dichlorobenze	1.548	1.505	1.680	1.688	1.248	1.732	1.567	11.45
88) T	1,4-Dichlorobenze	1.529	1.523	1.556	1.743	1.431	1.639	1.570	6.85
89) T	n-Butylbenzene	2.616	2.638	2.940	3.066	2.578	2.823	2.777	7.16
90) T	Hexachloroethane	0.774	0.779	0.830	0.887	0.732	0.950	0.825	9.82
91) T	1,2-Dichlorobenze	1.221	1.294	1.392	1.429	1.219	1.353	1.318	6.68
92) T	1,2-Dibromo-3-Chl	0.097	0.093	0.101	0.132	0.098	0.130	0.108	16.37
93) T	1,2,4-Trichlorobe	0.960	0.991	1.011	1.161	0.975	1.225	1.054	10.55
94) T	Hexachlorobutadie	0.741	0.666	0.832	0.863	0.686	0.880	0.778	11.88
95) T	Naphthalene	1.273	1.351	1.381	1.617	1.329	1.660	1.435	11.30
96) T	1,2,3-Trichlorobe	0.700	0.711	0.781	0.864	0.739	0.929	0.787	11.64

(#) = Out of Range