

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D052019S.M
 Title : SW846 8260
 Last Update : Tue May 21 03:32:39 2019
 Response Via : Initial Calibration

Calibration Files

5 =VD062454.D 10 =VD062455.D 20 =VD062456.D
 50 =VD062457.D 75 =VD062458.D 100 =VD062459.D

	Compound	5	10	20	50	75	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.739	0.602	0.640	0.470	0.431	0.452	0.556	22.25
3) P	Chloromethane	0.449	0.340	0.400	0.318	0.279	0.291	0.346	19.04
4) C	Vinyl Chloride	0.405	0.362	0.419	0.352	0.320	0.330	0.364	10.95#
5) T	Bromomethane	0.189	0.182	0.157	0.153	0.120	0.142	0.157	16.36
6) T	Chloroethane	0.206	0.157	0.185	0.180	0.166	0.163	0.176	10.34
7) T	Trichlorofluorome	0.961	0.869	0.936	0.846	0.703	0.739	0.842	12.28
8) T	Diethyl Ether	0.133	0.116	0.114	0.108	0.108	0.104	0.114	9.17
9) T	1,1,2-Trichlorotr	0.535	0.488	0.547	0.501	0.452	0.484	0.501	6.98
10) T	Methyl Iodide	0.604	0.603	0.746	0.754	0.722	0.763	0.699	10.71
11) T	Tert butyl alcoho	0.026	0.022	0.026	0.025	0.027	0.023	0.025	8.29
12) CM	1,1-Dichloroethen	0.402	0.354	0.396	0.373	0.331	0.365	0.370	7.16#
13) T	Acrolein	0.023	0.021	0.022	0.019	0.020	0.017	0.021	10.78
14) T	Allyl chloride	0.593	0.539	0.570	0.515	0.535	0.524	0.546	5.46
15) T	Acrylonitrile	0.062	0.051	0.058	0.053	0.064	0.052	0.057	9.66
16) T	Acetone	0.110	0.086	0.091	0.101	0.100	0.087	0.096	9.82
17) T	Carbon Disulfide	1.165	1.071	1.215	1.113	1.015	1.149	1.121	6.36
18) T	Methyl Acetate	0.176	0.149	0.175	0.156	0.181	0.156	0.166	8.13
19) T	Methyl tert-butyl	0.884	0.804	0.911	0.821	0.912	0.800	0.855	6.22
20) T	Methylene Chlorid	0.820	0.565	0.507	0.420	0.396	0.379	0.515	32.26
21) T	trans-1,2-Dichlor	0.454	0.418	0.465	0.420	0.431	0.412	0.433	4.96
22) T	Diisopropyl ether	1.182	1.088	1.230	1.145	1.181	1.146	1.162	4.09
23) T	Vinyl Acetate	0.713	0.630	0.720	0.718	0.746	0.687	0.702	5.68
24) P	1,1-Dichloroethan	0.796	0.670	0.803	0.710	0.739	0.772	0.748	6.94
25) T	2-Butanone	0.105	0.088	0.098	0.102	0.112	0.096	0.100	8.21
26) T	2,2-Dichloropropa	0.880	0.753	0.874	0.813	0.738	0.782	0.807	7.49
27) T	cis-1,2-Dichloroe	0.483	0.416	0.490	0.464	0.470	0.482	0.467	5.73
28) T	Bromochloromethan	0.264	0.279	0.273	0.267	0.264	0.264	0.269	2.32
29)	Tetrahydrofuran	0.052	0.043	0.049	0.047	0.053	0.044	0.048	8.33
30) C	Chloroform	1.007	0.872	1.008	0.961	0.954	0.924	0.954	5.43#
31) T	Cyclohexane	0.514	0.504	0.514	0.521	0.460	0.518	0.505	4.57
32) T	1,1,1-Trichloroet	1.023	0.891	0.996	1.007	0.922	0.941	0.963	5.52
33) S	1,2-Dichloroethan	0.474	0.553	0.558	0.546	0.549	0.530	0.535	5.83
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.426	0.459	0.446	0.465	0.460	0.451	0.451	3.08
36) T	1,1-Dichloroprope	0.527	0.479	0.532	0.459	0.434	0.437	0.478	9.00
37) T	Ethyl Acetate	0.206	0.176	0.179	0.183	0.202	0.169	0.186	8.14
38) T	Carbon Tetrachlor	0.737	0.670	0.783	0.698	0.703	0.671	0.710	6.09
39) T	Methylcyclohexane	0.418	0.359	0.426	0.380	0.393	0.389	0.394	6.23
40) TM	Benzene	1.010	0.886	0.961	0.934	0.928	0.906	0.938	4.65
41) T	Methacrylonitrile	0.258	0.219	0.221	0.234	0.259	0.208	0.233	9.15
42) TM	1,2-Dichloroethan	0.537	0.466	0.511	0.489	0.515	0.462	0.497	5.94
43) T	Isopropyl Acetate	0.242	0.228	0.241	0.243	0.285	0.241	0.246	7.97
44) TM	Trichloroethene	0.378	0.346	0.383	0.386	0.386	0.374	0.375	4.07
45) C	1,2-Dichloropropa	0.234	0.219	0.226	0.221	0.243	0.228	0.229	3.86#
46) T	Dibromomethane	0.216	0.201	0.204	0.206	0.219	0.197	0.207	4.03
47) T	Bromodichlorometh	0.537	0.483	0.523	0.541	0.556	0.521	0.527	4.76
48) T	Methyl methacryla	0.178	0.155	0.163	0.174	0.169	0.157	0.166	5.62
49) T	1,4-Dioxane	0.001	0.001	0.002	0.002	0.002	0.001	0.001	9.14
50) S	Toluene-d8	0.925	0.965	1.035	1.000	1.010	0.987	0.987	3.87
51) T	4-Methyl-2-Pentan	0.165	0.148	0.166	0.163	0.180	0.154	0.163	6.76
52) CM	Toluene	0.660	0.617	0.693	0.639	0.627	0.616	0.642	4.64#

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	Compound	5	10	20	50	75	100	Avg	%RSD
53) T	t-1,3-Dichloropro	0.446	0.369	0.475	0.436	0.463	0.442	0.439	8.39
54) T	cis-1,3-Dichlorop	0.437	0.444	0.449	0.481	0.477	0.458	0.458	3.94
55) T	1,1,2-Trichloroet	0.229	0.204	0.225	0.206	0.236	0.204	0.218	6.59
56) T	Ethyl methacrylat	0.239	0.219	0.237	0.232	0.245	0.223	0.233	4.32
57) T	1,3-Dichloropropa	0.367	0.304	0.330	0.328	0.340	0.333	0.334	6.12
58) T	2-Chloroethyl Vin	0.122	0.128	0.126	0.109	0.127	0.105	0.119	8.38
59) T	2-Hexanone	0.124	0.107	0.114	0.122	0.133	0.110	0.118	8.44
60) T	Dibromochlorometh	0.432	0.372	0.420	0.427	0.451	0.405	0.418	6.44
61) T	1,2-Dibromoethane	0.283	0.254	0.262	0.271	0.286	0.254	0.268	5.32
62) S	4-Bromofluorobenz	0.411	0.445	0.447	0.443	0.425	0.419	0.432	3.52
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.419	0.397	0.447	0.424	0.416	0.410	0.419	3.95
65) PM	Chlorobenzene	0.970	0.923	1.065	0.911	0.953	0.947	0.962	5.71
66) T	1,1,1,2-Tetrachlo	0.447	0.434	0.481	0.438	0.447	0.415	0.444	4.90
67) C	Ethyl Benzene	1.633	1.707	1.863	1.635	1.548	1.551	1.656	7.11#
68) T	m/p-Xylenes	0.616	0.601	0.626	0.596	0.540	0.588	0.594	5.07
69) T	o-Xylene	0.563	0.528	0.623	0.549	0.540	0.562	0.561	5.94
70) T	Styrene	1.034	0.942	1.023	0.920	0.872	0.934	0.954	6.53
71) P	Bromoform	0.286	0.271	0.312	0.290	0.317	0.294	0.295	5.81
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.317	3.074	3.316	3.283	2.774	3.146	3.152	6.67
74) T	N-amyl acetate	0.876	0.712	0.760	0.755	0.750	0.817	0.778	7.54
75) P	1,1,2,2-Tetrachlo	0.654	0.535	0.552	0.540	0.564	0.566	0.569	7.71
76) T	1,2,3-Trichloropr	0.614	0.566	0.587	0.574	0.581	0.612	0.589	3.35
77) T	Bromobenzene	0.970	0.833	0.945	0.895	0.835	0.887	0.894	6.24
78) T	n-propylbenzene	4.054	3.538	3.830	3.386	3.124	3.971	3.651	9.94
79) T	2-Chlorotoluene	2.392	2.338	2.176	2.049	2.060	2.277	2.215	6.48
80) T	1,3,5-Trimethylbe	2.922	2.534	2.763	2.752	2.541	2.861	2.729	5.91
81) T	trans-1,4-Dichlor	0.186	0.155	0.157	0.160	0.166	0.173	0.166	7.11
82) T	4-Chlorotoluene	2.777	2.538	2.531	2.538	2.334	2.590	2.551	5.56
83) T	tert-Butylbenzene	3.137	3.026	3.096	2.979	2.704	3.220	3.027	5.92
84) T	1,2,4-Trimethylbe	3.172	2.712	2.842	2.757	2.383	2.911	2.796	9.27
85) T	sec-Butylbenzene	3.149	3.163	3.275	3.086	2.946	3.318	3.156	4.24
86) T	p-Isopropyltoluen	3.159	2.766	2.987	2.903	2.497	2.849	2.860	7.79
87) T	1,3-Dichlorobenze	1.715	1.502	1.630	1.627	1.442	1.556	1.579	6.25
88) T	1,4-Dichlorobenze	1.689	1.419	1.555	1.501	1.489	1.489	1.524	6.02
89) T	n-Butylbenzene	3.047	2.765	2.938	2.678	2.355	2.780	2.760	8.66
90) T	Hexachloroethane	0.802	0.749	0.753	0.778	0.775	0.886	0.790	6.42
91) T	1,2-Dichlorobenze	1.501	1.308	1.392	1.245	1.243	1.365	1.343	7.35
92) T	1,2-Dibromo-3-Chl	0.105	0.097	0.107	0.109	0.113	0.116	0.108	6.08
93) T	1,2,4-Trichlorobe	1.058	0.956	1.092	1.081	1.035	1.121	1.057	5.45
94) T	Hexachlorobutadie	0.825	0.778	0.761	0.755	0.730	0.833	0.781	5.23
95) T	Naphthalene	1.576	1.279	1.281	1.478	1.505	1.548	1.444	9.14
96) T	1,2,3-Trichlorobe	0.854	0.805	0.877	0.882	0.885	0.896	0.867	3.81

(#) = Out of Range