

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D082018S.M
 Title : SW846 8260
 Last Update : Tue Aug 21 04:40:12 2018
 Response Via : Initial Calibration

Calibration Files

5 =VD059825.D 10 =VD059826.D 20 =VD059827.D
 50 =VD059828.D 100 =VD059830.D 150 =VD059831.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.530	0.398	0.384	0.458	0.414	0.401	0.431	12.73
3) P	Chloromethane	0.451	0.332	0.329	0.363	0.338	0.375	0.365	12.69
4) C	Vinyl Chloride	0.321	0.268	0.266	0.318	0.291	0.290	0.292	8.09#
5) T	Bromomethane	0.059	0.044	0.022	0.051	0.031	0.024	0.038	40.14
6) T	Chloroethane	0.086	0.079	0.050	0.090	0.058	0.033	0.066	34.14
7) T	Trichlorofluorome	0.343	0.297	0.267	0.338	0.278	0.243	0.294	13.55
8) T	Diethyl Ether	0.069	0.067	0.063	0.073	0.063	0.060	0.066	7.30
9) T	1,1,2-Trichlorotr	0.216	0.187	0.177	0.205	0.172	0.165	0.187	10.69
10) T	Methyl Iodide	0.165	0.153	0.172	0.246	0.224	0.212	0.196	19.06
11) T	Tert butyl alcoho	0.017	0.015	0.014	0.017	0.012	0.013	0.015	14.70
12) CM	1,1-Dichloroethen	0.180	0.149	0.134	0.156	0.130	0.120	0.145	15.06#
13) T	Acrolein	0.012	0.013	0.011	0.018	0.015	0.015	0.014	17.61
14) T	Allyl chloride	0.457	0.377	0.371	0.421	0.363	0.359	0.391	10.02
15) T	Acrylonitrile	0.077	0.074	0.065	0.073	0.059	0.063	0.068	10.42
16) T	Acetone	0.064	0.061	0.060	0.084	0.068	0.066	0.067	13.12
17) T	Carbon Disulfide	0.619	0.407	0.402	0.566	0.497	0.482	0.496	17.33
18) T	Methyl Acetate	0.211	0.131	0.136	0.149	0.129	0.132	0.148	21.45
19) T	Methyl tert-butyl	0.977	0.892	0.858	0.907	0.785	0.771	0.865	9.01
20) T	Methylene Chlorid	0.461	0.238	0.186	0.186	0.156	0.145	0.228	51.81
21) T	trans-1,2-Dichlor	0.514	0.427	0.367	0.440	0.363	0.333	0.407	16.26
22) T	Diisopropyl ether	2.223	2.052	2.006	2.146	1.829	1.742	2.000	9.21
23) T	Vinyl Acetate	1.127	1.166	1.116	1.180	0.947	0.909	1.074	10.83
24) P	1,1-Dichloroethan	0.975	0.875	0.849	0.951	0.816	0.810	0.879	7.90
25) T	2-Butanone	0.201	0.189	0.185	0.240	0.203	0.198	0.203	9.63
26) T	2,2-Dichloropropa	0.840	0.744	0.666	0.722	0.612	0.556	0.690	14.64
27) T	cis-1,2-Dichloroe	0.576	0.529	0.528	0.574	0.493	0.441	0.523	9.76
28) T	Bromochloromethan	0.493	0.480	0.449	0.472	0.391	0.388	0.446	10.23
29)	Tetrahydrofuran	0.109	0.105	0.099	0.111	0.094	0.096	0.103	6.76
30) C	Chloroform	0.921	0.883	0.840	0.926	0.832	0.806	0.868	5.74#
31) T	Cyclohexane	1.086	0.801	0.705	0.812	0.729	0.678	0.802	18.57
32) T	1,1,1-Trichloroet	0.798	0.734	0.710	0.785	0.702	0.659	0.731	7.21
33) S	1,2-Dichloroethan	0.444	0.413	0.400	0.423	0.362	0.359	0.400	8.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.371	0.383	0.372	0.400	0.354	0.339	0.370	5.78
36) T	1,1-Dichloroprope	0.507	0.438	0.403	0.456	0.390	0.351	0.424	12.89
37) T	Ethyl Acetate	0.337	0.321	0.299	0.354	0.282	0.293	0.314	8.85
38) T	Carbon Tetrachlor	0.487	0.445	0.401	0.452	0.398	0.357	0.423	10.97
39) T	Methylcyclohexane	0.517	0.423	0.403	0.517	0.452	0.409	0.454	11.47
40) TM	Benzene	1.223	1.101	1.076	1.194	1.062	0.935	1.099	9.39
41) T	Methacrylonitrile	0.180	0.154	0.171	0.171	0.138	0.153	0.161	9.52
42) TM	1,2-Dichloroethan	0.370	0.359	0.346	0.387	0.352	0.332	0.358	5.40
43) T	Isopropyl Acetate	0.470	0.426	0.424	0.463	0.409	0.416	0.435	5.84
44) TM	Trichloroethene	0.342	0.326	0.307	0.351	0.330	0.305	0.327	5.60
45) C	1,2-Dichloropropa	0.332	0.318	0.315	0.353	0.317	0.299	0.323	5.69#
46) T	Dibromomethane	0.199	0.200	0.192	0.223	0.199	0.192	0.201	5.67
47) T	Bromodichlorometh	0.461	0.443	0.436	0.485	0.428	0.408	0.443	6.04
48) T	Methyl methacryla	0.260	0.235	0.224	0.262	0.235	0.223	0.240	7.21
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.06
50) S	Toluene-d8	1.075	1.028	1.011	1.077	0.926	0.867	0.997	8.48
51) T	4-Methyl-2-Pentan	0.285	0.282	0.275	0.354	0.282	0.268	0.291	10.86
52) CM	Toluene	0.782	0.711	0.686	0.744	0.663	0.583	0.695	9.94#

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	Compound	5	10	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.438	0.396	0.392	0.432	0.388	0.378	0.404	6.15
54) T	cis-1,3-Dichlorop	0.510	0.479	0.470	0.540	0.467	0.437	0.484	7.47
55) T	1,1,2-Trichloroet	0.289	0.251	0.248	0.260	0.233	0.223	0.251	9.06
56) T	Ethyl methacrylat	0.296	0.293	0.286	0.314	0.272	0.274	0.289	5.40
57) T	1,3-Dichloropropa	0.381	0.372	0.362	0.392	0.352	0.340	0.367	5.29
58) T	2-Chloroethyl Vin	0.150	0.161	0.162	0.154	0.125	0.086	0.140	21.25
59) T	2-Hexanone	0.206	0.208	0.199	0.260	0.217	0.199	0.215	10.73
60) T	Dibromochlorometh	0.325	0.320	0.317	0.352	0.316	0.307	0.323	4.73
61) T	1,2-Dibromoethane	0.276	0.260	0.260	0.292	0.263	0.257	0.268	5.12
62) S	4-Bromofluorobenz	0.434	0.419	0.403	0.401	0.331	0.309	0.383	13.26
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.409	0.358	0.338	0.394	0.364	0.334	0.366	8.22
65) PM	Chlorobenzene	1.050	1.017	0.929	1.029	0.915	0.845	0.964	8.33
66) T	1,1,1,2-Tetrachlo	0.365	0.363	0.338	0.363	0.290	0.256	0.329	13.95
67) C	Ethyl Benzene	1.878	1.762	1.609	1.667	1.289	1.083	1.548	19.52#
68) T	m/p-Xylenes	0.686	0.636	0.594	0.604	0.477	0.391	0.565	19.40
69) T	o-Xylene	0.640	0.591	0.581	0.611	0.501	0.430	0.559	14.03
70) T	Stvrene	1.127	1.048	0.990	1.061	0.849	0.763	0.973	14.29
71) P	Bromoform	0.292	0.291	0.287	0.318	0.293	0.293	0.296	3.78
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.912	3.455	3.442	3.608	3.117	2.910	3.407	10.41
74) T	N-amyl acetate	1.602	1.471	1.469	1.611	1.493	1.508	1.526	4.21
75) P	1,1,2,2-Tetrachlo	0.811	0.786	0.743	0.838	0.807	0.834	0.803	4.38
76) T	1,2,3-Trichloropr	0.905	0.790	0.803	0.867	0.802	0.796	0.827	5.73
77) T	Bromobenzene	1.029	0.917	0.906	1.048	0.937	0.846	0.947	8.16
78) T	n-propylbenzene	4.978	4.495	4.288	4.517	3.765	3.350	4.232	13.80
79) T	2-Chlorotoluene	2.754	2.464	2.432	2.635	2.245	2.089	2.437	10.02
80) T	1,3,5-Trimethylbe	3.039	2.830	2.733	2.676	1.994	1.691	2.494	21.17
81) T	trans-1,4-Dichlor	0.257	0.246	0.241	0.268	0.264	0.274	0.259	4.95
82) T	4-Chlorotoluene	3.198	2.810	2.705	2.618	1.936	1.633	2.483	23.53
83) T	tert-Butylbenzene	2.978	2.863	2.711	3.003	2.416	2.156	2.688	12.57
84) T	1,2,4-Trimethylbe	3.210	2.947	2.849	3.084	2.531	2.203	2.804	13.36
85) T	sec-Butylbenzene	4.177	3.804	3.666	3.722	3.228	2.792	3.565	13.62
86) T	p-Isopropyltoluen	3.241	2.998	2.893	2.965	2.431	2.251	2.796	13.45
87) T	1,3-Dichlorobenze	1.725	1.672	1.632	1.638	1.497	1.403	1.594	7.55
88) T	1,4-Dichlorobenze	1.722	1.686	1.627	1.698	1.470	1.280	1.580	10.95
89) T	n-Butylbenzene	3.634	3.298	3.021	2.838	2.047	1.783	2.770	25.98
90) T	Hexachloroethane	0.848	0.786	0.795	0.865	0.777	0.717	0.798	6.66
91) T	1,2-Dichlorobenze	1.589	1.481	1.412	1.325	0.951	0.842	1.267	23.81
92) T	1,2-Dibromo-3-Chl	0.127	0.111	0.106	0.125	0.120	0.128	0.120	7.51
93) T	1,2,4-Trichlorobe	1.237	1.203	1.150	1.251	1.048	0.980	1.145	9.53
94) T	Hexachlorobutadie	0.800	0.756	0.761	0.850	0.753	0.700	0.770	6.54
95) T	Naphthalene	1.903	1.822	1.751	1.988	1.921	1.835	1.870	4.49
96) T	1,2,3-Trichlorobe	1.035	1.030	0.983	1.103	0.955	0.914	1.003	6.67

(#) = Out of Range