

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D060719S.M
 Title : SW846 8260
 Last Update : Sat Jun 08 00:02:21 2019
 Response Via : Initial Calibration

Calibration Files

5 =VD062642.D 10 =VD062636.D 20 =VD062637.D
 50 =VD062638.D 75 =VD062643.D 100 =VD062640.D

	Compound	5	10	20	50	75	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.822	0.644	0.688	0.544	0.603	0.556	0.643	16.06
3) P	Chloromethane	0.576	0.526	0.461	0.470	0.479	0.456	0.495	9.51
4) C	Vinyl Chloride	0.561	0.484	0.493	0.481	0.523	0.520	0.510	5.97#
5) T	Bromomethane	0.290	0.292	0.212	0.257	0.244	0.250	0.258	11.76
6) T	Chloroethane	0.235	0.241	0.251	0.256	0.266	0.263	0.252	4.84
7) T	Trichlorofluorome	1.094	1.155	1.154	1.128	1.213	1.107	1.142	3.73
8) T	Diethyl Ether	0.160	0.157	0.139	0.153	0.154	0.168	0.155	6.25
9) T	1,1,2-Trichlorotr	0.542	0.566	0.612	0.628	0.704	0.644	0.616	9.40
10) T	Methyl Iodide	0.651	0.706	0.691	0.794	0.951	0.941	0.789	16.53
11) T	Tert butyl alcoho	0.036	0.027	0.027	0.026	0.030	0.031	0.030	12.93
12) CM	1,1-Dichloroethen	0.403	0.395	0.440	0.464	0.495	0.455	0.442	8.57#
13) T	Acrolein	0.012	0.009	0.010	0.009	0.008	0.009	0.010	14.89
14) T	Allyl chloride	0.652	0.612	0.636	0.684	0.755	0.738	0.680	8.42
15) T	Acrylonitrile	0.060	0.062	0.063	0.066	0.078	0.076	0.067	11.45
16) T	Acetone	0.127	0.112	0.108	0.143	0.158	0.145	0.132	14.96
17) T	Carbon Disulfide	1.185	1.174	1.172	1.288	1.549	1.445	1.302	12.30
18) T	Methyl Acetate	0.268	0.217	0.221	0.191	0.202	0.205	0.217	12.53
19) T	Methyl tert-butyl	0.975	0.968	1.043	1.088	1.234	1.160	1.078	9.73
20) T	Methylene Chlorid	0.826	0.520	0.474	0.457	0.506	0.503	0.548	25.23
21) T	trans-1,2-Dichlor	0.403	0.462	0.480	0.456	0.571	0.536	0.485	12.38
22) T	Diisopropyl ether	1.317	1.246	1.324	1.396	1.624	1.559	1.411	10.57
23) T	Vinyl Acetate	0.772	0.756	0.838	0.926	0.996	0.964	0.875	11.59
24) P	1,1-Dichloroethan	0.793	0.837	0.885	0.897	1.017	1.018	0.908	10.19
25) T	2-Butanone	0.119	0.113	0.120	0.135	0.144	0.142	0.129	10.18
26) T	2,2-Dichloropropa	0.924	1.034	1.009	1.012	1.163	1.134	1.046	8.43
27) T	cis-1,2-Dichloroe	0.488	0.477	0.512	0.526	0.571	0.579	0.526	8.02
28) T	Bromochloromethan	0.353	0.328	0.322	0.338	0.347	0.394	0.347	7.43
29)	Tetrahydrofuran	0.058	0.052	0.055	0.059	0.062	0.063	0.058	6.89
30) C	Chloroform	1.038	1.108	1.134	1.154	1.316	1.238	1.165	8.48#
31) T	Cyclohexane	0.505	0.506	0.551	0.568	0.666	0.621	0.569	11.22
32) T	1,1,1-Trichloroet	0.952	1.067	1.183	1.155	1.329	1.267	1.159	11.72
33) S	1,2-Dichloroethan	0.707	0.692	0.724	0.685	0.706	0.817	0.721	6.72

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.551	0.474	0.540	0.469	0.523	0.607	0.527	9.83
36) T	1,1-Dichloroprope	0.522	0.531	0.526	0.539	0.652	0.663	0.572	11.59
37) T	Ethyl Acetate	0.350	0.230	0.214	0.223	0.246	0.253	0.253	19.67
38) T	Carbon Tetrachlor	0.812	0.856	0.807	0.909	1.022	1.023	0.904	10.87
39) T	Methylcyclohexane	0.415	0.408	0.407	0.459	0.541	0.545	0.462	14.09
40) TM	Benzene	1.037	1.024	1.000	1.083	1.264	1.297	1.118	11.60
41) T	Methacrylonitrile	0.284	0.282	0.282	0.293	0.328	0.328	0.300	7.46
42) TM	1,2-Dichloroethan	0.626	0.621	0.609	0.677	0.727	0.737	0.666	8.43
43) T	Isopropyl Acetate	0.299	0.258	0.261	0.302	0.345	0.346	0.302	12.79
44) TM	Trichloroethene	0.405	0.395	0.422	0.447	0.531	0.523	0.454	13.08
45) C	1,2-Dichloropropa	0.225	0.250	0.234	0.276	0.319	0.307	0.268	14.41#
46) T	Dibromomethane	0.218	0.209	0.229	0.241	0.264	0.270	0.238	10.33
47) T	Bromodichlorometh	0.570	0.595	0.605	0.623	0.752	0.744	0.648	12.20
48) T	Methyl methacryla	0.198	0.214	0.205	0.215	0.239	0.239	0.218	7.86
49) T	1,4-Dioxane	0.001	0.001	0.002	0.002	0.002	0.002	0.002	16.44
50) S	Toluene-d8	1.038	0.983	1.085	0.992	1.215	1.343	1.109	12.85
51) T	4-Methyl-2-Pentan	0.200	0.191	0.191	0.211	0.238	0.237	0.211	10.19
52) CM	Toluene	0.698	0.662	0.684	0.774	0.835	0.853	0.751	10.84#

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	Compound	5	10	20	50	75	100	Avq	%RSD
53) T	t-1,3-Dichloropro	0.440	0.476	0.485	0.544	0.608	0.636	0.531	14.71
54) T	cis-1,3-Dichlorop	0.452	0.503	0.498	0.552	0.653	0.638	0.549	14.75
55) T	1,1,2-Trichloroet	0.264	0.232	0.230	0.253	0.284	0.282	0.258	9.12
56) T	Ethyl methacrylat	0.237	0.239	0.235	0.286	0.323	0.328	0.275	15.92
57) T	1,3-Dichloropropa	0.369	0.361	0.345	0.381	0.480	0.460	0.399	14.10
58) T	2-Chloroethyl Vin	0.163	0.131	0.144	0.117	0.125	0.147	0.138	12.04
59) T	2-Hexanone	0.143	0.132	0.150	0.161	0.180	0.178	0.157	12.28
60) T	Dibromochlorometh	0.449	0.455	0.465	0.526	0.579	0.576	0.509	11.83
61) T	1,2-Dibromoethane	0.279	0.278	0.291	0.317	0.347	0.338	0.308	9.79
62) S	4-Bromofluorobenz	0.502	0.452	0.498	0.496	0.550	0.607	0.518	10.41
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.439	0.436	0.399	0.489	0.523	0.524	0.468	11.00
65) PM	Chlorobenzene	0.997	1.065	0.973	1.133	1.253	1.215	1.106	10.33
66) T	1,1,1,2-Tetrachlo	0.464	0.528	0.481	0.541	0.604	0.546	0.527	9.50
67) C	Ethyl Benzene	1.761	1.997	1.856	1.946	2.227	1.978	1.961	8.01#
68) T	m/p-Xylenes	0.616	0.698	0.639	0.689	0.774	0.720	0.689	8.21
69) T	o-Xylene	0.507	0.585	0.611	0.636	0.745	0.715	0.633	13.73
70) T	Stvrene	0.956	1.029	1.042	1.149	1.339	1.264	1.130	13.16
71) P	Bromoform	0.282	0.332	0.327	0.386	0.437	0.409	0.362	16.05
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.125	3.268	3.375	3.343	4.106	3.930	3.524	11.23
74) T	N-amyl acetate	0.810	0.822	0.863	0.992	1.135	1.092	0.952	14.81
75) P	1,1,2,2-Tetrachlo	0.512	0.528	0.570	0.645	0.672	0.691	0.603	12.67
76) T	1,2,3-Trichloropr	0.627	0.580	0.611	0.685	0.774	0.791	0.678	13.00
77) T	Bromobenzene	0.861	0.946	0.946	1.052	1.122	1.118	1.007	10.54
78) T	n-propylbenzene	3.670	4.121	4.012	4.553	4.709	4.817	4.314	10.41
79) T	2-Chlorotoluene	2.260	2.302	2.214	2.751	2.782	2.846	2.526	11.70
80) T	1,3,5-Trimethylbe	2.750	2.796	2.980	3.046	3.667	3.449	3.115	11.80
81) T	trans-1,4-Dichlor	0.154	0.148	0.159	0.189	0.202	0.215	0.178	15.70
82) T	4-Chlorotoluene	2.674	2.866	2.926	2.962	3.400	3.297	3.021	9.09
83) T	tert-Butylbenzene	2.833	3.125	3.209	3.816	3.934	3.696	3.435	12.83
84) T	1,2,4-Trimethylbe	2.524	2.962	3.013	3.369	3.511	3.124	3.084	11.22
85) T	sec-Butylbenzene	3.078	3.305	3.229	3.790	4.279	3.933	3.602	13.05
86) T	p-Isopropyltoluen	3.059	3.180	3.227	3.827	3.822	3.928	3.507	11.15
87) T	1,3-Dichlorobenze	1.581	1.713	1.636	1.954	2.081	1.985	1.825	11.38
88) T	1,4-Dichlorobenze	1.501	1.624	1.651	1.733	1.951	1.888	1.725	9.83
89) T	n-Butylbenzene	2.669	2.887	2.910	3.425	3.468	3.572	3.155	11.97
90) T	Hexachloroethane	0.775	0.836	0.870	0.957	1.060	1.057	0.926	12.80
91) T	1,2-Dichlorobenze	1.391	1.422	1.381	1.665	1.526	1.716	1.517	9.56
92) T	1,2-Dibromo-3-Chl	0.118	0.111	0.114	0.133	0.154	0.142	0.129	13.35
93) T	1,2,4-Trichlorobe	0.913	1.031	1.031	1.198	1.332	1.353	1.143	15.69
94) T	Hexachlorobutadie	0.729	0.836	0.803	0.924	1.020	1.060	0.896	14.39
95) T	Naphthalene	1.391	1.341	1.477	1.741	1.843	1.912	1.617	15.15
96) T	1,2,3-Trichlorobe	0.780	0.701	0.813	0.948	0.964	1.036	0.874	14.69

(#) = Out of Range