

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D091520S.M
 Title : SW846 8260
 Last Update : Tue Sep 15 16:35:37 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD066696.D 5 =VD066695.D 20 =VD066697.D
 50 =VD066698.D 100 =VD066699.D 150 =VD066700.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.501	0.451	0.485	0.370	0.357	0.344	0.418	16.51
3) P	Chloromethane	0.629	0.587	0.595	0.507	0.479	0.467	0.544	12.52
4) C	Vinyl Chloride	0.658	0.605	0.606	0.547	0.509	0.490	0.569	11.35#
5) T	Bromomethane	0.477	0.457	0.423	0.392	0.348	0.327	0.404	14.71
6) T	Chloroethane	0.403	0.364	0.367	0.357	0.327	0.310	0.355	9.22
7) T	Trichlorofluorome	1.101	1.061	1.027	0.941	0.906	0.866	0.984	9.45
8) T	Diethyl Ether	0.260	0.248	0.254	0.246	0.239	0.231	0.246	4.16
9) T	1,1,2-Trichlorotr	0.609	0.587	0.555	0.525	0.495	0.473	0.541	9.75
10) T	Methyl Iodide	0.495	0.428	0.503	0.558	0.565	0.528	0.513	9.78
11) T	Tert butyl alcoho	0.061	0.114	0.054	0.035	0.031	0.028	0.054	59.89
12) CM	1,1-Dichloroethen	0.560	0.501	0.521	0.500	0.472	0.447	0.500	7.77#
13) T	Acrolein	0.040	0.044	0.038	0.037	0.034	0.033	0.038	10.48
14) T	Allyl chloride	0.860	0.772	0.813	0.818	0.797	0.761	0.803	4.43
15) T	Acrylonitrile	0.115	0.117	0.103	0.108	0.104	0.100	0.108	6.35
16) T	Acetone	0.122	0.134	0.104	0.106	0.095	0.091	0.109	14.99
17) T	Carbon Disulfide	1.774	1.412	1.702	1.588	1.518	1.438	1.572	9.20
18) T	Methyl Acetate	0.259	0.375	0.250	0.245	0.227	0.218	0.262	21.82
19) T	Methyl tert-butyl	1.144	1.058	1.087	1.166	1.130	1.101	1.114	3.55
20) T	Methylene Chlorid	0.876	1.130	0.724	0.612	0.555	0.518	0.736	31.65
21) T	trans-1,2-Dichlor	0.630	0.575	0.597	0.590	0.563	0.543	0.583	5.20
22) T	Diisopropyl ether	1.734	1.496	1.687	1.715	1.605	1.557	1.633	5.83
23) T	Vinyl Acetate	0.930	0.742	0.926	0.987	0.943	0.920	0.908	9.34
24) P	1,1-Dichloroethan	1.118	1.087	1.043	1.038	0.990	0.941	1.036	6.19
25) T	2-Butanone	0.152	0.154	0.137	0.143	0.134	0.129	0.141	6.94
26) T	2,2-Dichloropropa	1.016	1.091	0.960	0.935	0.886	0.860	0.958	8.91
27) T	cis-1,2-Dichloroe	0.671	0.641	0.637	0.661	0.612	0.604	0.638	4.12
28) T	Bromochloromethan	0.427	0.409	0.419	0.381	0.347	0.339	0.387	9.64
29) T	Tetrahydrofuran	0.089	0.086	0.086	0.091	0.084	0.083	0.087	3.37
30) C	Chloroform	1.210	1.180	1.096	1.107	1.027	0.996	1.103	7.56#
31) T	Cyclohexane	1.048	1.005	0.947	0.924	0.882	0.848	0.942	7.91
32) T	1,1,1-Trichloroet	1.088	1.049	1.007	1.013	0.965	0.931	1.009	5.58
33) S	1,2-Dichloroethan	0.531	0.650	0.487	0.538	0.500	0.495	0.533	11.36
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.302	0.338	0.299	0.308	0.299	0.293	0.307	5.20
36) T	1,1-Dichloroprope	0.539	0.507	0.537	0.511	0.506	0.485	0.514	3.99
37) T	Ethyl Acetate	0.215	0.179	0.197	0.201	0.189	0.186	0.195	6.53
38) T	Carbon Tetrachlor	0.568	0.547	0.558	0.541	0.542	0.519	0.546	3.05
39) T	Methylcyclohexane	0.606	0.509	0.595	0.606	0.616	0.596	0.588	6.72
40) TM	Benzene	1.457	1.309	1.453	1.398	1.386	1.341	1.391	4.24
41) T	Methacrylonitrile	0.100	0.094	0.098	0.104	0.120	0.102	0.103	8.48
42) TM	1,2-Dichloroethan	0.458	0.436	0.447	0.430	0.413	0.401	0.431	4.85
43) T	Isopropyl Acetate	0.376	0.369	0.358	0.371	0.365	0.359	0.366	1.88
44) TM	Trichloroethene	0.395	0.360	0.379	0.369	0.372	0.356	0.372	3.85
45) C	1,2-Dichloropropa	0.361	0.341	0.355	0.344	0.339	0.324	0.344	3.74#
46) T	Dibromomethane	0.191	0.191	0.196	0.190	0.186	0.180	0.189	2.88
47) T	Bromodichlorometh	0.538	0.507	0.535	0.513	0.509	0.487	0.515	3.70
48) T	Methyl methacryla	0.194	0.180	0.169	0.199	0.183	0.193	0.186	5.95
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.38
50) S	Toluene-d8	1.007	1.129	1.033	1.143	1.116	1.126	1.092	5.23
51) T	4-Methyl-2-Pentan	0.197	0.177	0.189	0.194	0.188	0.187	0.189	3.61
52) CM	Toluene	0.902	0.789	0.927	0.910	0.923	0.895	0.891	5.80#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.455	0.440	0.461	0.471	0.469	0.464	0.460	2.49
54) T	cis-1,3-Dichlorop	0.542	0.509	0.563	0.564	0.556	0.544	0.546	3.78
55) T	1,1,2-Trichloroet	0.260	0.257	0.259	0.242	0.242	0.235	0.249	4.25
56) T	Ethyl methacrylat	0.272	0.234	0.270	0.309	0.307	0.304	0.283	10.47
57) T	1,3-Dichloropropa	0.448	0.453	0.442	0.442	0.424	0.415	0.437	3.36
58) T	2-Chloroethyl Vin	0.139	0.116	0.140	0.120	0.116	0.114	0.124	9.65
59) T	2-Hexanone	0.125	0.120	0.127	0.134	0.127	0.127	0.127	3.63
60) T	Dibromochlorometh	0.333	0.312	0.326	0.332	0.326	0.320	0.325	2.43
61) T	1,2-Dibromoethane	0.251	0.234	0.242	0.241	0.236	0.230	0.239	3.13
62) S	4-Bromofluorobenz	0.377	0.397	0.357	0.372	0.375	0.384	0.377	3.53
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.372	0.345	0.352	0.335	0.330	0.315	0.341	5.83
65) PM	Chlorobenzene	1.077	1.028	1.050	1.046	1.021	0.989	1.035	2.88
66) T	1,1,1,2-Tetrachlo	0.384	0.369	0.392	0.383	0.390	0.373	0.382	2.41
67) C	Ethyl Benzene	1.872	1.647	1.906	1.958	1.973	1.894	1.875	6.31#
68) T	m/p-Xylenes	0.710	0.614	0.740	0.730	0.751	0.708	0.709	6.98
69) T	o-Xylene	0.614	0.515	0.634	0.655	0.682	0.658	0.626	9.46
70) T	Stvrene	1.080	0.898	1.135	1.169	1.200	1.132	1.102	9.79
71) P	Bromoform	0.200	0.194	0.183	0.194	0.193	0.186	0.192	3.36
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.721	3.153	3.782	3.934	3.978	3.827	3.733	8.03
74) T	N-amyl acetate	0.796	0.740	0.756	0.816	0.805	0.811	0.787	4.00
75) P	1,1,2,2-Tetrachlo	0.680	0.690	0.633	0.615	0.606	0.582	0.634	6.73
76) T	1,2,3-Trichloropr	0.439	0.436	0.413	0.415	0.395	0.470	0.428	6.14
77) T	Bromobenzene	0.891	0.889	0.850	0.851	0.849	0.831	0.860	2.84
78) T	n-propylbenzene	4.585	4.040	4.651	4.754	4.781	4.490	4.550	5.98
79) T	2-Chlorotoluene	2.666	2.352	2.631	2.631	2.638	2.520	2.573	4.64
80) T	1,3,5-Trimethylbe	3.170	2.644	3.266	3.317	3.368	3.171	3.156	8.33
81) T	trans-1,4-Dichlor	0.216	0.176	0.200	0.199	0.198	0.199	0.198	6.40
82) T	4-Chlorotoluene	2.832	2.549	2.825	2.757	2.756	2.603	2.720	4.32
83) T	tert-Butylbenzene	2.561	2.241	2.642	2.704	2.795	2.664	2.601	7.40
84) T	1,2,4-Trimethylbe	3.107	2.670	3.327	3.287	3.367	3.166	3.154	8.14
85) T	sec-Butylbenzene	3.792	3.155	3.821	3.898	3.967	3.743	3.729	7.84
86) T	p-Isopropyltoluen	3.405	2.826	3.406	3.577	3.665	3.461	3.390	8.69
87) T	1,3-Dichlorobenze	1.720	1.556	1.675	1.677	1.675	1.601	1.651	3.64
88) T	1,4-Dichlorobenze	1.747	1.660	1.648	1.625	1.622	1.559	1.644	3.74
89) T	n-Butylbenzene	3.218	2.743	3.200	3.450	3.461	3.271	3.224	8.11
90) T	Hexachloroethane	0.725	0.653	0.716	0.706	0.700	0.678	0.696	3.83
91) T	1,2-Dichlorobenze	1.480	1.378	1.417	1.421	1.421	1.368	1.414	2.79
92) T	1,2-Dibromo-3-Chl	0.106	0.110	0.100	0.105	0.096	0.098	0.103	5.18
93) T	1,2,4-Trichlorobe	0.853	0.728	0.848	0.914	0.895	0.894	0.855	7.89
94) T	Hexachlorobutadie	0.523	0.506	0.513	0.538	0.520	0.492	0.515	3.03
95) T	Naphthalene	1.395	1.274	1.398	1.625	1.637	1.638	1.495	10.62
96) T	1,2,3-Trichlorobe	0.743	0.710	0.738	0.781	0.763	0.748	0.747	3.18

(#) = Out of Range