

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\
 Method File : 82D100120S.M
 Title : SW846 8260
 Last Update : Thu Oct 01 15:19:17 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD066986.D 5 =VD066985.D 20 =VD066987.D
 50 =VD066988.D 100 =VD066989.D 150 =VD066990.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.526	0.494	0.526	0.430	0.371	0.377	0.454	15.67
3) P	Chloromethane	0.446	0.437	0.437	0.375	0.331	0.363	0.398	12.11
4) C	Vinyl Chloride	0.454	0.434	0.410	0.389	0.353	0.356	0.399	10.29#
5) T	Bromomethane	0.336	0.348	0.303	0.275	0.241	0.243	0.291	15.76
6) T	Chloroethane	0.262	0.282	0.258	0.240	0.209	0.209	0.243	12.25
7) T	Trichlorofluorome	0.971	1.063	0.910	0.860	0.757	0.762	0.887	13.50
8) T	Diethyl Ether	0.215	0.226	0.230	0.227	0.203	0.219	0.220	4.57
9) T	1,1,2-Trichlorotr	0.556	0.564	0.525	0.487	0.437	0.440	0.501	11.11
10) T	Methyl Iodide	0.456	0.450	0.480	0.505	0.511	0.521	0.487	6.14
11) T	Tert butyl alcoho	0.050	0.078	0.042	0.028	0.023	0.026	0.041	50.84
12) CM	1,1-Dichloroethen	0.512	0.522	0.490	0.465	0.414	0.426	0.471	9.46#
13) T	Acrolein	0.032	0.038	0.034	0.030	0.028	0.030	0.032	10.56
14) T	Allyl chloride	0.649	0.586	0.631	0.631	0.576	0.601	0.612	4.70
15) T	Acrylonitrile	0.082	0.085	0.085	0.082	0.072	0.080	0.081	6.02
16) T	Acetone	0.075	0.088	0.073	0.076	0.062	0.067	0.074	12.03
17) T	Carbon Disulfide	1.560	1.537	1.519	1.431	1.305	1.326	1.447	7.63
18) T	Methyl Acetate	0.184	0.201	0.191	0.187	0.165	0.181	0.185	6.43
19) T	Methyl tert-butyl	0.843	0.840	0.883	0.919	0.804	0.873	0.860	4.64
20) T	Methylene Chlorid	0.820	1.047	0.661	0.553	0.464	0.476	0.670	33.93
21) T	trans-1,2-Dichlor	0.540	0.601	0.563	0.541	0.486	0.487	0.536	8.32
22) T	Diisopropyl ether	1.176	1.107	1.191	1.182	1.017	1.034	1.118	6.93
23) T	Vinyl Acetate	0.601	0.574	0.653	0.699	0.619	0.655	0.633	7.00
24) P	1,1-Dichloroethan	0.916	0.941	0.911	0.866	0.759	0.784	0.863	8.72
25) T	2-Butanone	0.106	0.123	0.108	0.104	0.089	0.096	0.104	10.88
26) T	2,2-Dichloropropa	0.910	1.016	0.855	0.791	0.699	0.695	0.828	15.13
27) T	cis-1,2-Dichloroe	0.614	0.598	0.590	0.582	0.527	0.526	0.573	6.53
28) T	Bromochloromethan	0.327	0.352	0.340	0.357	0.313	0.310	0.333	5.91
29) T	Tetrahydrofuran	0.062	0.061	0.061	0.063	0.054	0.059	0.060	5.56
30) C	Chloroform	0.996	1.044	0.986	0.923	0.826	0.841	0.936	9.44#
31) T	Cyclohexane	0.783	0.880	0.747	0.699	0.616	0.614	0.723	14.19
32) T	1,1,1-Trichloroet	0.920	0.960	0.921	0.859	0.769	0.775	0.867	9.29
33) S	1,2-Dichloroethan	0.505	0.508	0.499	0.499	0.430	0.449	0.482	6.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.341	0.314	0.347	0.348	0.306	0.308	0.327	6.16
36) T	1,1-Dichloroprope	0.492	0.518	0.477	0.474	0.424	0.411	0.466	8.83
37) T	Ethyl Acetate	0.166	0.181	0.165	0.164	0.143	0.149	0.161	8.35
38) T	Carbon Tetrachlor	0.532	0.529	0.532	0.516	0.466	0.450	0.504	7.22
39) T	Methylcyclohexane	0.467	0.512	0.489	0.534	0.484	0.470	0.493	5.26
40) TM	Benzene	1.404	1.368	1.356	1.321	1.181	1.136	1.294	8.45
41) T	Methacrylonitrile	0.077	0.093	0.093	0.096	0.073	0.091	0.087	10.79
42) TM	1,2-Dichloroethan	0.389	0.390	0.376	0.367	0.322	0.325	0.362	8.48
43) T	Isopropyl Acetate	0.302	0.301	0.298	0.313	0.276	0.293	0.297	4.13
44) TM	Trichloroethene	0.396	0.424	0.406	0.389	0.356	0.349	0.387	7.55
45) C	1,2-Dichloropropa	0.318	0.309	0.318	0.319	0.282	0.279	0.304	6.09#
46) T	Dibromomethane	0.178	0.189	0.182	0.185	0.157	0.158	0.175	7.92
47) T	Bromodichlorometh	0.491	0.467	0.472	0.468	0.417	0.413	0.454	7.04
48) T	Methyl methacryla	0.147	0.152	0.144	0.170	0.146	0.155	0.152	6.32
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.10
50) S	Toluene-d8	1.213	1.149	1.241	1.308	1.130	1.116	1.193	6.25
51) T	4-Methyl-2-Pentan	0.149	0.147	0.154	0.161	0.137	0.140	0.148	6.02
52) CM	Toluene	0.875	0.842	0.876	0.882	0.777	0.751	0.834	6.78#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.406	0.409	0.421	0.432	0.381	0.388	0.406	4.78
54)	T cis-1,3-Dichlorop	0.509	0.499	0.527	0.516	0.463	0.463	0.496	5.51
55)	T 1,1,2-Trichloroet	0.253	0.262	0.258	0.252	0.216	0.217	0.243	8.62
56)	T Ethyl methacrylat	0.234	0.207	0.257	0.288	0.255	0.264	0.251	11.02
57)	T 1,3-Dichloropropa	0.413	0.404	0.407	0.413	0.360	0.367	0.394	6.08
58)	T 2-Chloroethyl Vin	0.132	0.122	0.147	0.155	0.143	0.139	0.140	8.22
59)	T 2-Hexanone	0.098	0.093	0.104	0.110	0.092	0.096	0.099	6.91
60)	T Dibromochlorometh	0.342	0.334	0.337	0.341	0.291	0.298	0.324	7.11
61)	T 1,2-Dibromoethane	0.246	0.233	0.243	0.248	0.213	0.217	0.233	6.53
62)	S 4-Bromofluorobenz	0.400	0.409	0.418	0.434	0.387	0.382	0.405	4.84
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.384	0.408	0.386	0.359	0.325	0.319	0.364	9.78
65)	PM Chlorobenzene	1.029	1.075	1.061	1.002	0.909	0.891	0.994	7.80
66)	T 1,1,1,2-Tetrachlo	0.398	0.409	0.399	0.381	0.340	0.343	0.378	7.94
67)	C Ethyl Benzene	1.711	1.738	1.780	1.792	1.607	1.595	1.704	4.97#
68)	T m/p-Xylenes	0.686	0.650	0.712	0.695	0.625	0.617	0.664	5.88
69)	T o-Xylene	0.593	0.553	0.632	0.639	0.574	0.571	0.594	5.87
70)	T Styrene	1.015	0.947	1.101	1.099	0.970	0.985	1.020	6.50
71)	P Bromoform	0.199	0.217	0.202	0.200	0.176	0.185	0.196	7.25
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.340	3.207	3.529	3.654	3.335	3.305	3.395	4.85
74)	T N-amyl acetate	0.586	0.604	0.634	0.648	0.582	0.609	0.610	4.31
75)	P 1,1,2,2-Tetrachlo	0.612	0.606	0.597	0.584	0.505	0.528	0.572	7.80
76)	T 1,2,3-Trichloropr	0.490	0.434	0.475	0.459	0.331	0.425	0.436	13.03
77)	T Bromobenzene	0.833	0.860	0.857	0.834	0.769	0.766	0.820	5.15
78)	T n-propylbenzene	4.036	3.857	4.233	4.312	3.840	3.797	4.012	5.45
79)	T 2-Chlorotoluene	2.326	2.261	2.441	2.399	2.182	2.164	2.296	4.94
80)	T 1,3,5-Trimethylbe	2.908	2.618	3.027	3.106	2.783	2.769	2.868	6.31
81)	T trans-1,4-Dichlor	0.175	0.179	0.174	0.182	0.167	0.172	0.175	3.04
82)	T 4-Chlorotoluene	2.560	2.454	2.601	2.522	2.268	2.250	2.442	6.15
83)	T tert-Butylbenzene	2.392	2.354	2.467	2.551	2.366	2.362	2.415	3.24
84)	T 1,2,4-Trimethylbe	2.930	2.671	3.046	3.045	2.731	2.752	2.863	5.79
85)	T sec-Butylbenzene	3.346	3.322	3.545	3.642	3.293	3.261	3.402	4.55
86)	T p-Isopropyltoluen	3.183	2.973	3.310	3.367	3.016	3.073	3.154	5.09
87)	T 1,3-Dichlorobenze	1.698	1.677	1.686	1.615	1.444	1.461	1.597	7.24
88)	T 1,4-Dichlorobenze	1.689	1.752	1.655	1.599	1.435	1.450	1.597	8.09
89)	T n-Butylbenzene	2.882	2.753	2.975	3.087	2.796	2.801	2.882	4.42
90)	T Hexachloroethane	0.558	0.576	0.551	0.569	0.528	0.532	0.552	3.54
91)	T 1,2-Dichlorobenze	1.433	1.515	1.456	1.416	1.263	1.285	1.395	7.14
92)	T 1,2-Dibromo-3-Chl	0.094	0.103	0.089	0.095	0.083	0.089	0.092	7.55
93)	T 1,2,4-Trichlorobe	0.848	0.859	0.920	0.963	0.904	0.918	0.902	4.74
94)	T Hexachlorobutadie	0.570	0.589	0.542	0.567	0.530	0.526	0.554	4.54
95)	T Naphthalene	1.237	1.324	1.462	1.685	1.600	1.720	1.505	13.08
96)	T 1,2,3-Trichlorobe	0.741	0.737	0.797	0.848	0.774	0.802	0.783	5.36

(#) = Out of Range