

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D101124S.M
 Title : SW846 8260
 Last Update : Mon Oct 14 03:20:54 2024
 Response Via : Initial Calibration

Calibration Files

5 =VD079961.D 10 =VD079962.D 20 =VD079963.D 50 =VD079964.D 100 =VD079965.D 150 =VD079966.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.603	0.524	0.482	0.468	0.438	0.434	0.491	12.91
3) P	Chloromethane	0.611	0.553	0.490	0.476	0.462	0.436	0.505	12.86
4) C	Vinyl Chloride	0.721	0.700	0.603	0.619	0.583	0.540	0.628	11.09#
5) T	Bromomethane	0.705	0.595	0.527	0.504	0.468	0.441	0.540	17.90
6) T	Chloroethane	0.511	0.455	0.401	0.427	0.405	0.371	0.428	11.47
7) T	Trichlorofluor...	1.146	1.053	0.961	0.959	0.893	0.888	0.983	10.12
8) T	Diethyl Ether	0.295	0.282	0.259	0.278	0.240	0.267	0.270	7.17
9) T	1,1,2-Trichlor...	0.759	0.684	0.570	0.570	0.510	0.530	0.604	16.09
10) T	Methyl Iodide	0.555	0.543	0.570	0.650	0.583	0.651	0.592	7.97
11) T	Tert butyl alc...	0.039	0.042	0.031	0.034	0.028	0.034	0.035	14.81
12) CM	1,1-Dichloroet...	0.593	0.568	0.506	0.534	0.505	0.518	0.537	6.72#
13) T	Acrolein	0.045	0.044	0.043	0.033	0.029	0.031	0.037	19.67
14) T	Allyl chloride	0.839	0.816	0.751	0.815	0.766	0.801	0.798	4.16
15) T	Acrylonitrile	0.143	0.143	0.123	0.132	0.105	0.128	0.129	10.89
16) T	Acetone	0.167	0.165	0.138	0.154	0.120	0.141	0.147	12.23
17) T	Carbon Disulfide	1.618	1.500	1.366	1.577	1.459	1.465	1.497	6.01
18) T	Methyl Acetate	0.364	0.348	0.296	0.320	0.265	0.304	0.316	11.40
19) T	Methyl tert-bu...	1.305	1.277	1.186	1.291	1.117	1.269	1.241	5.94
20) T	Methylene Chlo...	1.019	0.811	0.681	0.665	0.576	0.594	0.724	23.01
21) T	trans-1,2-Dich...	0.615	0.579	0.560	0.588	0.551	0.568	0.577	3.98
22) T	Diisopropyl ether	1.811	1.809	1.656	1.811	1.611	1.685	1.731	5.25
23) T	Vinyl Acetate	0.969	0.970	0.931	1.048	0.895	1.021	0.972	5.79
24) P	1,1-Dichloroet...	1.311	1.251	1.124	1.111	1.026	1.018	1.140	10.42
25) T	2-Butanone	0.209	0.188	0.167	0.188	0.147	0.177	0.180	11.81
26) T	2,2-Dichloropr...	1.168	1.078	0.950	0.933	0.890	0.900	0.986	11.31
27) T	cis-1,2-Dichlo...	0.780	0.758	0.699	0.732	0.655	0.679	0.717	6.67
28) T	Bromochloromet...	0.602	0.491	0.505	0.488	0.430	0.404	0.487	14.15
29) T	Tetrahydrofuran	0.102	0.101	0.088	0.102	0.084	0.100	0.096	8.41
30) C	Chloroform	1.411	1.329	1.206	1.186	1.042	1.071	1.208	11.87#
31) T	Cyclohexane	1.025	0.897	0.807	0.845	0.786	0.825	0.864	10.14
32) T	1,1,1-Trichlor...	1.135	1.105	0.977	0.983	0.892	0.910	1.000	9.98
33) S	1,2-Dichloroet...	0.648	0.582	0.574	0.591	0.525	0.492	0.569	9.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.396	0.348	0.370	0.374	0.355	0.324	0.361	6.88
36) T	1,1-Dichloropr...	0.518	0.494	0.454	0.489	0.470	0.478	0.484	4.57
37) T	Ethyl Acetate	0.255	0.259	0.231	0.238	0.192	0.229	0.234	10.35
38) T	Carbon Tetrach...	0.599	0.567	0.522	0.532	0.503	0.502	0.537	7.17
39) T	Methylcyclohexane	0.541	0.510	0.487	0.567	0.548	0.603	0.543	7.57
40) TM	Benzene	1.643	1.579	1.451	1.557	1.465	1.483	1.530	4.96
41) T	Methacrylonitrile	0.130	0.129	0.104	0.124	0.117	0.133	0.123	8.71
42) TM	1,2-Dichloroet...	0.487	0.447	0.408	0.421	0.371	0.389	0.421	9.96
43) T	Isopropyl Acetate	0.489	0.443	0.398	0.438	0.381	0.440	0.431	8.82
44) TM	Trichloroethene	0.409	0.398	0.363	0.376	0.356	0.368	0.378	5.52
45) C	1,2-Dichloropr...	0.425	0.409	0.379	0.393	0.356	0.366	0.388	6.76#
46) T	Dibromomethane	0.236	0.222	0.206	0.220	0.192	0.207	0.214	7.16
47) T	Bromodichlorom...	0.640	0.592	0.551	0.576	0.513	0.533	0.568	7.98
48) T	Methyl methacr...	0.194	0.209	0.160	0.212	0.181	0.209	0.194	10.45
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.003	0.002	8.94
50) S	Toluene-d8	1.228	1.220	1.310	1.366	1.362	1.230	1.286	5.36
51) T	4-Methyl-2-Pen...	0.225	0.228	0.205	0.236	0.198	0.234	0.221	7.16
52) CM	Toluene	0.913	0.936	0.908	0.991	0.921	0.951	0.936	3.30#
53) T	t-1,3-Dichloro...	0.517	0.507	0.477	0.508	0.466	0.508	0.497	4.12
54) T	cis-1,3-Dichlo...	0.606	0.603	0.562	0.608	0.552	0.588	0.586	4.09
55) T	1,1,2-Trichlor...	0.325	0.340	0.285	0.303	0.262	0.288	0.301	9.44
56) T	Ethyl methacry...	0.314	0.348	0.325	0.384	0.340	0.396	0.351	9.18

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57)	T	1,3-Dichloropr...	0.515	0.505	0.465	0.506	0.439	0.481	0.485	6.02
58)	T	2-Chloroethyl ...	0.112	0.115	0.118	0.150	0.142	0.143	0.130	12.79
59)	T	2-Hexanone	0.164	0.161	0.152	0.180	0.148	0.176	0.163	7.57
60)	T	Dibromochlorom...	0.423	0.417	0.386	0.398	0.347	0.373	0.391	7.28
61)	T	1,2-Dibromoethane	0.308	0.294	0.265	0.282	0.242	0.269	0.277	8.36
62)	S	4-Bromofluorob...	0.432	0.421	0.461	0.479	0.471	0.430	0.449	5.39
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.383	0.359	0.334	0.357	0.333	0.349	0.353	5.21
65)	PM	Chlorobenzene	1.281	1.209	1.129	1.166	1.075	1.122	1.164	6.27
66)	T	1,1,1,2-Tetrac...	0.454	0.447	0.400	0.411	0.390	0.407	0.418	6.26
67)	C	Ethyl Benzene	1.934	1.923	1.814	2.052	2.001	2.086	1.968	5.02#
68)	T	m/p-Xylenes	0.721	0.736	0.725	0.797	0.758	0.796	0.755	4.56
69)	T	o-Xylene	0.682	0.659	0.664	0.721	0.714	0.753	0.699	5.25
70)	T	Styrene	1.168	1.178	1.193	1.336	1.265	1.322	1.244	5.98
71)	P	Bromoform	0.288	0.269	0.237	0.254	0.222	0.239	0.251	9.54
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.488	3.379	3.118	3.470	3.408	3.546	3.401	4.45
74)	T	N-amyl acetate	0.856	0.855	0.743	0.882	0.744	0.856	0.823	7.55
75)	P	1,1,2,2-Tetrac...	0.795	0.731	0.665	0.699	0.589	0.658	0.690	10.14
76)	T	1,2,3-Trichlor...	0.662	0.586	0.530	0.544	0.469	0.519	0.552	11.96
77)	T	Bromobenzene	1.005	0.905	0.829	0.892	0.812	0.837	0.880	8.11
78)	T	n-propylbenzene	4.273	4.235	3.971	4.394	4.179	4.321	4.229	3.46
79)	T	2-Chlorotoluene	2.553	2.519	2.317	2.527	2.374	2.450	2.457	3.83
80)	T	1,3,5-Trimethy...	2.884	2.886	2.711	2.944	2.820	2.956	2.867	3.16
81)	T	trans-1,4-Dich...	0.267	0.266	0.240	0.257	0.215	0.238	0.247	8.08
82)	T	4-Chlorotoluene	2.724	2.788	2.545	2.706	2.501	2.572	2.639	4.36
83)	T	tert-Butylbenzene	2.464	2.465	2.254	2.534	2.434	2.591	2.457	4.67
84)	T	1,2,4-Trimethy...	2.752	2.802	2.752	3.017	2.895	3.055	2.879	4.62
85)	T	sec-Butylbenzene	3.654	3.854	3.590	3.874	3.728	3.958	3.776	3.76
86)	T	p-Isopropyltol...	3.050	3.015	2.969	3.263	3.193	3.411	3.150	5.38
87)	T	1,3-Dichlorobe...	1.980	1.904	1.712	1.798	1.659	1.750	1.800	6.73
88)	T	1,4-Dichlorobe...	2.085	1.930	1.726	1.759	1.625	1.667	1.799	9.75
89)	T	n-Butylbenzene	3.178	2.960	2.776	3.149	2.996	3.223	3.047	5.53
90)	T	Hexachloroethane	0.806	0.741	0.677	0.673	0.623	0.658	0.696	9.46
91)	T	1,2-Dichlorobe...	1.724	1.694	1.511	1.568	1.434	1.504	1.573	7.28
92)	T	1,2-Dibromo-3-...	0.140	0.131	0.112	0.112	0.093	0.103	0.115	15.29
93)	T	1,2,4-Trichlor...	1.027	0.993	0.941	0.999	0.929	1.025	0.986	4.21
94)	T	Hexachlorobuta...	0.575	0.564	0.514	0.550	0.510	0.544	0.543	4.86
95)	T	Naphthalene	1.758	1.684	1.596	1.853	1.679	1.977	1.758	7.84
96)	T	1,2,3-Trichlor...	0.973	0.864	0.787	0.892	0.811	0.912	0.873	7.81

(#) = Out of Range