

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D093024S.M
 Title : SW846 8260
 Last Update : Tue Oct 01 05:47:39 2024
 Response Via : Initial Calibration

Calibration Files

5 =VD079942.D 10 =VD079936.D 20 =VD079937.D 50 =VD079938.D 100 =VD079939.D 150 =VD079940.

D

Compound		5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.655	0.597	0.533	0.491	0.461	0.485	0.537	14.01
3) P	Chloromethane	0.959	0.868	0.758	0.716	0.692	0.678	0.779	14.34
4) C	Vinyl Chloride	1.301	1.103	1.040	0.980	0.943	0.957	1.054	12.80#
5) T	Bromomethane	1.172	1.137	0.996	0.835	0.818	0.863	0.970	16.09
6) T	Chloroethane	0.841	0.803	0.744	0.691	0.663	0.673	0.736	9.98
7) T	Trichlorofluor...	1.250	1.044	0.952	0.922	0.888	0.896	0.992	13.97
8) T	Diethyl Ether	0.313	0.290	0.271	0.260	0.270	0.266	0.278	7.04
9) T	1,1,2-Trichlor...	0.752	0.603	0.559	0.549	0.522	0.533	0.586	14.66
10) T	Methyl Iodide	0.557	0.338	0.466	0.592	0.668	0.688	0.551	23.88
11) T	Tert butyl alc...	0.030	0.032	0.034	0.029	0.028	0.026	0.030	9.76
12) CM	1,1-Dichloroet...	0.629	0.595	0.526	0.552	0.533	0.560	0.566	6.93#
13) T	Acrolein	0.079	0.053	0.059	0.054	0.053	0.052	0.058	18.19
14) T	Allyl chloride	0.878	0.653	0.713	0.694	0.720	0.761	0.736	10.56
15) T	Acrylonitrile	0.148	0.122	0.115	0.116	0.118	0.112	0.122	11.03
16) T	Acetone	0.138	0.118	0.099	0.113	0.115	0.123	0.118	10.85
17) T	Carbon Disulfide	2.138	1.941	1.870	1.798	1.767	1.789	1.884	7.43
18) T	Methyl Acetate	0.314	0.307	0.281	0.241	0.267	0.249	0.277	10.83
19) T	Methyl tert-bu...	1.160	1.065	1.197	1.203	1.258	1.196	1.180	5.47
20) T	Methylene Chlo...	0.918	0.697	0.723	0.640	0.615	0.596	0.698	16.89
21) T	trans-1,2-Dich...	0.680	0.627	0.611	0.638	0.600	0.602	0.626	4.82
22) T	Diisopropyl ether	1.524	1.459	1.509	1.611	1.611	1.595	1.551	4.09
23) T	Vinyl Acetate	0.918	0.746	0.856	0.951	0.976	0.970	0.903	9.79
24) P	1,1-Dichloroet...	1.308	1.156	1.057	1.057	1.031	1.018	1.104	10.02
25) T	2-Butanone	0.159	0.150	0.136	0.148	0.154	0.152	0.150	5.26
26) T	2,2-Dichloropr...	1.128	0.932	0.884	0.889	0.888	0.903	0.937	10.14
27) T	cis-1,2-Dichlo...	0.770	0.754	0.710	0.732	0.715	0.706	0.731	3.57
28) T	Bromochloromet...	0.558	0.559	0.479	0.508	0.441	0.432	0.496	11.19
29) T	Tetrahydrofuran	0.100	0.082	0.086	0.084	0.088	0.084	0.087	7.49
30) C	Chloroform	1.356	1.230	1.196	1.145	1.096	1.066	1.182	8.87#
31) T	Cyclohexane	1.171	0.838	0.810	0.823	0.819	0.868	0.888	15.75
32) T	1,1,1-Trichlor...	1.097	1.051	0.950	0.971	0.932	0.932	0.989	7.00
33) S	1,2-Dichloroet...	0.731	0.649	0.623	0.575	0.573	0.567	0.619	10.26
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.351	0.373	0.349	0.344	0.343	0.350	0.352	3.08
36) T	1,1-Dichloropr...	0.529	0.506	0.489	0.497	0.478	0.500	0.500	3.50
37) T	Ethyl Acetate	0.233	0.178	0.195	0.189	0.209	0.197	0.200	9.45
38) T	Carbon Tetrach...	0.573	0.551	0.519	0.531	0.513	0.529	0.536	4.15
39) T	Methylcyclohexane	0.599	0.496	0.504	0.583	0.584	0.634	0.567	9.74
40) TM	Benzene	1.548	1.461	1.455	1.513	1.505	1.516	1.500	2.37
41) T	Methacrylonitrile	0.140	0.100	0.118	0.113	0.110	0.112	0.116	11.60
42) TM	1,2-Dichloroet...	0.478	0.440	0.436	0.417	0.416	0.396	0.431	6.52
43) T	Isopropyl Acetate	0.401	0.348	0.363	0.389	0.404	0.391	0.383	5.83
44) TM	Trichloroethene	0.405	0.381	0.366	0.378	0.360	0.374	0.377	4.13
45) C	1,2-Dichloropr...	0.431	0.349	0.383	0.371	0.365	0.362	0.377	7.65#
46) T	Dibromomethane	0.239	0.225	0.226	0.224	0.214	0.207	0.223	5.00
47) T	Bromodichlorom...	0.617	0.589	0.552	0.552	0.541	0.530	0.563	5.85
48) T	Methyl methacr...	0.193	0.193	0.184	0.181	0.193	0.189	0.189	2.83
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	12.45
50) S	Toluene-d8	1.298	1.341	1.286	1.344	1.386	1.421	1.346	3.80
51) T	4-Methyl-2-Pen...	0.189	0.163	0.190	0.208	0.212	0.205	0.195	9.23
52) CM	Toluene	0.925	0.896	0.927	0.970	0.978	0.979	0.946	3.63#
53) T	t-1,3-Dichloro...	0.505	0.457	0.482	0.493	0.511	0.491	0.490	3.93
54) T	cis-1,3-Dichlo...	0.563	0.552	0.558	0.572	0.585	0.583	0.569	2.37
55) T	1,1,2-Trichlor...	0.302	0.321	0.276	0.273	0.276	0.256	0.284	8.22

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56)	T	Ethyl methacry...	0.312	0.279	0.310	0.368	0.372	0.353	0.332	11.30
57)	T	1,3-Dichloropr...	0.461	0.464	0.456	0.481	0.467	0.454	0.464	2.06
58)	T	2-Chloroethyl ...	0.108	0.123	0.131	0.155	0.144	0.136	0.133	12.42
59)	T	2-Hexanone	0.129	0.119	0.132	0.147	0.154	0.152	0.139	10.05
60)	T	Dibromochlorom...	0.392	0.389	0.389	0.381	0.363	0.342	0.376	5.25
61)	T	1,2-Dibromoethane	0.307	0.250	0.277	0.268	0.263	0.245	0.268	8.37
62)	S	4-Bromofluorob...	0.457	0.416	0.395	0.412	0.435	0.439	0.426	5.22
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.425	0.365	0.335	0.351	0.363	0.350	0.365	8.63
65)	PM	Chlorobenzene	1.277	1.134	1.064	1.113	1.127	1.103	1.136	6.46
66)	T	1,1,1,2-Tetrac...	0.421	0.423	0.382	0.388	0.409	0.392	0.402	4.38
67)	C	Ethyl Benzene	1.937	1.721	1.750	1.983	2.107	2.146	1.941	9.11#
68)	T	m/p-Xylenes	0.707	0.691	0.695	0.769	0.808	0.813	0.747	7.57
69)	T	o-Xylene	0.648	0.614	0.617	0.706	0.752	0.758	0.682	9.53
70)	T	Styrene	1.170	1.123	1.136	1.274	1.339	1.315	1.226	7.73
71)	P	Bromoform	0.229	0.218	0.231	0.229	0.228	0.206	0.224	4.41
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.417	2.923	2.931	3.323	3.586	3.683	3.310	9.74
74)	T	N-amyl acetate	0.817	0.649	0.677	0.766	0.844	0.827	0.763	10.81
75)	P	1,1,2,2-Tetrac...	0.751	0.641	0.650	0.630	0.646	0.617	0.656	7.33
76)	T	1,2,3-Trichlor...	0.371	0.371	0.392	0.407	0.398	0.386	0.388	3.81
77)	T	Bromobenzene	0.920	0.826	0.804	0.841	0.880	0.856	0.854	4.83
78)	T	n-propylbenzene	4.190	3.751	3.850	4.257	4.431	4.602	4.180	7.86
79)	T	2-Chlorotoluene	2.496	2.174	2.167	2.366	2.512	2.501	2.369	6.89
80)	T	1,3,5-Trimethy...	2.799	2.499	2.604	2.845	3.025	3.104	2.813	8.31
81)	T	trans-1,4-Dich...	0.265	0.230	0.216	0.223	0.246	0.227	0.234	7.62
82)	T	4-Chlorotoluene	2.751	2.465	2.395	2.514	2.593	2.635	2.559	4.99
83)	T	tert-Butylbenzene	2.601	2.074	2.094	2.348	2.551	2.677	2.391	10.94
84)	T	1,2,4-Trimethy...	2.738	2.570	2.722	2.989	3.174	3.247	2.907	9.37
85)	T	sec-Butylbenzene	3.880	3.161	3.357	3.699	3.848	4.100	3.674	9.58
86)	T	p-Isopropyltol...	3.090	2.651	2.827	3.135	3.425	3.688	3.136	12.11
87)	T	1,3-Dichlorobe...	2.030	1.709	1.649	1.713	1.806	1.832	1.790	7.58
88)	T	1,4-Dichlorobe...	2.150	1.728	1.655	1.681	1.703	1.727	1.774	10.51
89)	T	n-Butylbenzene	3.062	2.518	2.606	2.975	3.173	3.421	2.959	11.60
90)	T	Hexachloroethane	0.806	0.677	0.618	0.650	0.653	0.670	0.679	9.68
91)	T	1,2-Dichlorobe...	1.642	1.513	1.432	1.500	1.505	1.492	1.514	4.56
92)	T	1,2-Dibromo-3-...	0.142	0.105	0.107	0.098	0.100	0.097	0.108	15.74
93)	T	1,2,4-Trichlor...	1.118	0.829	0.874	0.925	1.015	1.022	0.964	11.12
94)	T	Hexachlorobuta...	0.543	0.425	0.449	0.489	0.487	0.563	0.492	10.70
95)	T	Naphthalene	1.707	1.355	1.487	1.677	1.937	1.847	1.668	13.06
96)	T	1,2,3-Trichlor...	0.923	0.711	0.727	0.811	0.904	0.900	0.829	11.32

(#) = Out of Range