

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D080522S.M
 Title : SW846 8260
 Last Update : Sat Aug 06 00:36:42 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD073965.D 5 =VD073964.D 20 =VD073966.D 50 =VD073967.D 100 =VD073968.D 150 =VD073969.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.579	0.652	0.493	0.473	0.466	0.428	0.515	16.28
3) P	Chloromethane	0.854	0.788	0.768	0.733	0.641	0.612	0.733	12.49
4) C	Vinyl Chloride	1.087	0.987	1.039	1.001	0.919	0.887	0.987	7.52#
5) T	Bromomethane	0.724	0.793	0.699	0.631	0.621	0.640	0.685	9.79
6) T	Chloroethane	0.802	0.740	0.715	0.682	0.612	0.586	0.690	11.69
7) T	Trichlorofluor...	1.073	1.058	0.965	0.937	0.844	0.838	0.953	10.59
8) T	Diethyl Ether	0.216	0.241	0.220	0.226	0.215	0.212	0.222	4.81
9) T	1,1,2-Trichlor...	0.636	0.553	0.543	0.523	0.480	0.474	0.535	11.08
10) T	Methyl Iodide	0.560	0.438	0.537	0.582	0.538	0.505	0.527	9.59
11) T	Tert butyl alc...	0.045	0.079	0.042	0.029	0.032	0.033	0.043	42.57
12) CM	1,1-Dichloroet...	0.502	0.502	0.474	0.475	0.443	0.442	0.473	5.64#
13) T	Acrolein	0.013	0.014	0.010	0.037	0.036	0.036	0.024	54.42
14) T	Allyl chloride	0.692	0.650	0.647	0.635	0.572	0.571	0.628	7.61
15) T	Acrylonitrile	0.098	0.099	0.095	0.095	0.090	0.091	0.095	3.95
16) T	Acetone	0.102	0.113	0.083	0.074	0.074	0.065	0.085	21.66
17) T	Carbon Disulfide	1.667	1.376	1.577	1.505	1.388	1.389	1.484	8.11
18) T	Methyl Acetate	0.237	0.444	0.247	0.214	0.215	0.208	0.261	34.90
19) T	Methyl tert-bu...	1.093	1.087	1.100	1.114	1.100	1.092	1.098	0.86
20) T	Methylene Chlo...	1.076	1.398	0.837	0.630	0.545	0.510	0.833	41.87
21) T	trans-1,2-Dich...	0.629	0.576	0.573	0.576	0.537	0.538	0.572	5.87
22) T	Diisopropyl ether	1.454	1.260	1.350	1.403	1.335	1.311	1.352	5.07
23) T	Vinyl Acetate	0.739	0.557	0.742	0.777	0.775	0.766	0.726	11.65
24) P	1,1-Dichloroet...	1.010	1.005	0.941	0.938	0.855	0.839	0.931	7.77
25) T	2-Butanone	0.145	0.143	0.127	0.118	0.120	0.115	0.128	10.25
26) T	2,2-Dichloropr...	1.048	1.038	0.930	0.886	0.827	0.818	0.925	10.87
27) T	cis-1,2-Dichlo...	0.656	0.646	0.618	0.611	0.593	0.587	0.618	4.49
28) T	Bromochloromet...	0.296	0.354	0.289	0.301	0.279	0.268	0.298	10.03
29) T	Tetrahydrofuran	0.079	0.071	0.076	0.076	0.076	0.075	0.076	3.56
30) C	Chloroform	1.121	1.124	1.073	1.047	0.982	0.966	1.052	6.41#
31) T	Cyclohexane	0.970	0.942	0.846	0.820	0.770	0.762	0.852	10.22
32) T	1,1,1-Trichlor...	1.116	1.009	1.017	1.005	0.938	0.923	1.001	6.86
33) S	1,2-Dichloroet...	0.599	0.577	0.548	0.382	0.368	0.343	0.470	24.94
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.341	0.342	0.338	0.278	0.281	0.268	0.308	11.60
36) T	1,1-Dichloropr...	0.519	0.487	0.489	0.481	0.477	0.466	0.486	3.67
37) T	Ethyl Acetate	0.153	0.218	0.187	0.177	0.177	0.173	0.181	11.74
38) T	Carbon Tetrach...	0.566	0.519	0.542	0.550	0.535	0.537	0.542	2.88
39) T	Methylcyclohexane	0.542	0.491	0.562	0.575	0.583	0.585	0.556	6.42
40) TM	Benzene	1.373	1.270	1.319	1.341	1.311	1.309	1.321	2.60
41) T	Methacrylonitrile	0.087	0.094	0.117	0.099	0.090	0.086	0.096	11.97
42) TM	1,2-Dichloroet...	0.408	0.411	0.422	0.406	0.389	0.368	0.401	4.77
43) T	Isopropyl Acetate	0.362	0.350	0.355	0.352	0.352	0.350	0.353	1.30
44) TM	Trichloroethene	0.402	0.373	0.384	0.383	0.369	0.370	0.380	3.27
45) C	1,2-Dichloropr...	0.327	0.309	0.311	0.314	0.300	0.296	0.310	3.55#
46) T	Dibromomethane	0.213	0.209	0.205	0.204	0.200	0.192	0.204	3.62
47) T	Bromodichlorom...	0.521	0.507	0.491	0.495	0.490	0.476	0.497	3.11
48) T	Methyl methacr...	0.161	0.155	0.161	0.162	0.167	0.163	0.162	2.42
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.37
50) S	Toluene-d8	1.181	1.125	1.180	0.775	0.813	0.802	0.979	20.58
51) T	4-Methyl-2-Pen...	0.175	0.167	0.176	0.174	0.182	0.181	0.176	3.00
52) CM	Toluene	0.848	0.819	0.849	0.903	0.907	0.914	0.874	4.53#
53) T	t-1,3-Dichloro...	0.435	0.432	0.434	0.453	0.467	0.462	0.447	3.49
54) T	cis-1,3-Dichlo...	0.501	0.498	0.509	0.510	0.518	0.523	0.510	1.86
55) T	1,1,2-Trichlor...	0.268	0.256	0.263	0.254	0.256	0.253	0.258	2.27
56) T	Ethyl methacry...	0.255	0.259	0.264	0.289	0.306	0.311	0.281	8.64

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57)	T	1,3-Dichloropr...	0.428	0.415	0.413	0.420	0.419	0.421	0.419	1.22
58)	T	2-Chloroethyl ...	0.085	0.104	0.093	0.115	0.123	0.125	0.107	15.07
59)	T	2-Hexanone	0.113	0.105	0.116	0.118	0.125	0.123	0.116	6.09
60)	T	Dibromochlorom...	0.351	0.341	0.340	0.343	0.354	0.347	0.346	1.67
61)	T	1,2-Dibromoethane	0.251	0.251	0.260	0.258	0.265	0.264	0.258	2.33
62)	S	4-Bromofluorob...	0.413	0.448	0.422	0.386	0.407	0.387	0.411	5.68
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.366	0.387	0.354	0.336	0.328	0.333	0.351	6.56
65)	PM	Chlorobenzene	1.065	1.014	1.014	1.007	0.973	0.987	1.010	3.12
66)	T	1,1,1,2-Tetrac...	0.402	0.388	0.371	0.389	0.386	0.380	0.386	2.65
67)	C	Ethyl Benzene	1.742	1.581	1.708	1.811	1.840	1.836	1.753	5.67#
68)	T	m/p-Xylenes	0.706	0.622	0.695	0.746	0.751	0.744	0.711	6.95
69)	T	o-Xylene	0.638	0.555	0.640	0.691	0.697	0.694	0.653	8.40
70)	T	Styrene	1.089	0.918	1.105	1.182	1.205	1.191	1.115	9.65
71)	P	Bromoform	0.231	0.223	0.204	0.218	0.226	0.223	0.221	4.27
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.437	3.084	3.501	3.582	3.449	3.471	3.421	5.05
74)	T	N-amyl acetate	0.710	0.622	0.695	0.687	0.677	0.680	0.679	4.43
75)	P	1,1,2,2-Tetrac...	0.649	0.662	0.668	0.613	0.568	0.561	0.620	7.60
76)	T	1,2,3-Trichlor...	0.499	0.532	0.518	0.398	0.376	0.441	0.461	14.14
77)	T	Bromobenzene	0.801	0.793	0.819	0.836	0.790	0.795	0.806	2.24
78)	T	n-propylbenzene	4.250	4.002	4.297	4.403	4.171	4.136	4.210	3.30
79)	T	2-Chlorotoluene	2.466	2.243	2.443	2.461	2.292	2.303	2.368	4.20
80)	T	1,3,5-Trimethy...	2.909	2.656	2.939	3.069	2.944	2.937	2.909	4.68
81)	T	trans-1,4-Dich...	0.182	0.192	0.189	0.178	0.179	0.180	0.184	3.04
82)	T	4-Chlorotoluene	2.602	2.480	2.619	2.571	2.451	2.415	2.523	3.39
83)	T	tert-Butylbenzene	2.506	2.232	2.493	2.660	2.534	2.548	2.496	5.69
84)	T	1,2,4-Trimethy...	2.998	2.575	2.938	3.108	2.922	2.927	2.911	6.16
85)	T	sec-Butylbenzene	3.868	3.512	3.806	4.055	3.828	3.828	3.816	4.58
86)	T	p-Isopropyltol...	3.157	2.998	3.166	3.464	3.328	3.305	3.236	5.04
87)	T	1,3-Dichlorobe...	1.725	1.698	1.691	1.739	1.632	1.638	1.687	2.61
88)	T	1,4-Dichlorobe...	1.760	1.759	1.691	1.731	1.612	1.611	1.694	4.04
89)	T	n-Butylbenzene	2.965	2.780	2.955	3.193	2.969	2.966	2.971	4.42
90)	T	Hexachloroethane	0.659	0.625	0.629	0.648	0.606	0.603	0.628	3.57
91)	T	1,2-Dichlorobe...	1.468	1.461	1.477	1.493	1.415	1.409	1.454	2.35
92)	T	1,2-Dibromo-3-...	0.103	0.108	0.111	0.096	0.095	0.097	0.102	6.54
93)	T	1,2,4-Trichlor...	0.847	0.887	0.847	0.870	0.877	0.870	0.866	1.86
94)	T	Hexachlorobuta...	0.518	0.441	0.485	0.492	0.467	0.465	0.478	5.55
95)	T	Naphthalene	1.454	1.507	1.534	1.627	1.665	1.730	1.586	6.61
96)	T	1,2,3-Trichlor...	0.817	0.792	0.769	0.760	0.775	0.775	0.781	2.59

(#) = Out of Range