

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y081423S.M
 Title : SW846 8260
 Last Update : Mon Aug 14 12:43:26 2023
 Response Via : Initial Calibration

Calibration Files

5 =VY015068.D 10 =VY015069.D 20 =VY015070.D 50 =VY015071.D 100 =VY015072.D 150 =VY015073.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.329	0.294	0.278	0.216	0.198	0.201	0.253	21.74
3) P	Chloromethane	0.500	0.377	0.327	0.305	0.288	0.282	0.347	23.82
4) C	Vinyl Chloride	0.478	0.428	0.397	0.380	0.351	0.354	0.398	12.15#
5) T	Bromomethane	0.386	0.337	0.282	0.292	0.238	0.210	0.291	22.04
6) T	Chloroethane	0.323	0.306	0.291	0.287	0.262	0.264	0.289	8.18
7) T	Trichlorofluor...	0.776	0.701	0.687	0.638	0.602	0.617	0.670	9.63
8) T	Diethyl Ether	0.310	0.266	0.254	0.255	0.241	0.251	0.263	9.29
9) T	1,1,2-Trichlor...	0.483	0.446	0.427	0.400	0.370	0.374	0.417	10.57
10) T	Methyl Iodide	0.416	0.387	0.376	0.433	0.413	0.429	0.409	5.59
11) T	Tert butyl alc...	0.171	0.127	0.113	0.098	0.091	0.096	0.116	25.74
12) CM	1,1-Dichloroet...	0.409	0.355	0.344	0.342	0.315	0.323	0.348	9.58#
13) T	Acrolein	0.080	0.073	0.068	0.035	0.038	0.040	0.056	36.24
14) T	Allyl chloride	0.660	0.632	0.609	0.614	0.580	0.607	0.617	4.40
15) T	Acrylonitrile	0.192	0.186	0.174	0.177	0.165	0.174	0.178	5.45
16) T	Acetone	0.238	0.199	0.173	0.203	0.182	0.182	0.196	11.87
17) T	Carbon Disulfide	0.669	0.618	0.578	0.623	0.585	0.600	0.612	5.38
18) T	Methyl Acetate	0.822	0.729	0.693	0.718	0.660	0.689	0.719	7.84
19) T	Methyl tert-bu...	1.644	1.512	1.424	1.471	1.371	1.454	1.479	6.31
20) T	Methylene Chlo...	0.937	0.599	0.518	0.480	0.441	0.446	0.570	33.10
21) T	trans-1,2-Dich...	0.429	0.408	0.390	0.386	0.359	0.382	0.392	6.08
22) T	Diisopropyl ether	1.655	1.550	1.472	1.523	1.479	1.557	1.539	4.33
23) T	Vinyl Acetate	0.979	0.913	0.869	0.927	0.886	0.935	0.918	4.23
24) P	1,1-Dichloroet...	0.926	0.872	0.799	0.823	0.777	0.803	0.833	6.65
25) T	2-Butanone	0.326	0.283	0.257	0.277	0.257	0.266	0.278	9.34
26) T	2,2-Dichloropr...	0.992	0.807	0.757	0.762	0.738	0.764	0.803	11.81
27) T	cis-1,2-Dichlo...	0.603	0.548	0.523	0.525	0.495	0.524	0.536	6.86
28) T	Bromochloromet...	0.440	0.374	0.392	0.372	0.357	0.362	0.383	7.95
29) T	Tetrahydrofuran	0.184	0.170	0.157	0.165	0.156	0.163	0.166	6.29
30) C	Chloroform	1.061	0.958	0.907	0.915	0.861	0.903	0.934	7.45#
31) T	Cyclohexane	0.770	0.643	0.588	0.551	0.505	0.524	0.597	16.42
32) T	1,1,1-Trichlor...	0.900	0.805	0.790	0.779	0.731	0.764	0.795	7.20
33) S	1,2-Dichloroet...	0.615	0.621	0.583	0.608	0.588	0.585	0.600	2.81
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.319	0.322	0.318	0.328	0.323	0.319	0.322	1.17
36) T	1,1-Dichloropr...	0.393	0.365	0.361	0.350	0.328	0.338	0.356	6.47
37) T	Ethyl Acetate	0.396	0.337	0.323	0.321	0.302	0.311	0.332	10.20
38) T	Carbon Tetrach...	0.478	0.438	0.420	0.411	0.385	0.396	0.421	7.93
39) T	Methylcyclohexane	0.434	0.415	0.402	0.392	0.373	0.379	0.399	5.77
40) TM	Benzene	1.178	1.116	1.053	1.059	1.008	1.042	1.076	5.69
41) T	Methacrylonitrile	0.178	0.171	0.177	0.180	0.168	0.152	0.171	6.19
42) TM	1,2-Dichloroet...	0.434	0.401	0.386	0.388	0.363	0.373	0.391	6.40
43) T	Isopropyl Acetate	0.674	0.616	0.584	0.597	0.566	0.588	0.604	6.25
44) TM	Trichloroethene	0.348	0.328	0.307	0.303	0.285	0.289	0.310	7.84
45) C	1,2-Dichloropr...	0.331	0.319	0.299	0.297	0.283	0.292	0.303	5.85#
46) T	Dibromomethane	0.212	0.193	0.187	0.192	0.180	0.185	0.191	5.85
47) T	Bromodichlorom...	0.488	0.468	0.448	0.455	0.436	0.444	0.457	4.10
48) T	Methyl methacr...	0.279	0.252	0.249	0.263	0.250	0.258	0.258	4.35
49) T	1,4-Dioxane	0.004	0.004	0.004	0.004	0.003	0.004	0.004	7.33
50) S	Toluene-d8	1.206	1.198	1.175	1.213	1.207	1.185	1.197	1.21
51) T	4-Methyl-2-Pen...	0.382	0.355	0.339	0.351	0.334	0.339	0.350	5.05
52) CM	Toluene	0.774	0.723	0.695	0.699	0.674	0.690	0.709	4.97#
53) T	t-1,3-Dichloro...	0.520	0.481	0.451	0.477	0.467	0.483	0.480	4.81
54) T	cis-1,3-Dichlo...	0.561	0.501	0.483	0.500	0.483	0.504	0.505	5.70
55) T	1,1,2-Trichlor...	0.323	0.301	0.283	0.286	0.273	0.279	0.291	6.34
56) T	Ethyl methacry...	0.447	0.425	0.406	0.432	0.417	0.428	0.426	3.32

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57)	T	1,3-Dichloropr...	0.523	0.485	0.464	0.471	0.450	0.459	0.475	5.52
58)	T	2-Chloroethyl ...	0.203	0.190	0.226	0.192	0.184	0.194	0.198	7.51
59)	T	2-Hexanone	0.283	0.259	0.245	0.261	0.251	0.254	0.259	5.07
60)	T	Dibromochlorom...	0.377	0.345	0.334	0.348	0.335	0.344	0.347	4.52
61)	T	1,2-Dibromoethane	0.303	0.292	0.267	0.274	0.258	0.264	0.276	6.29
62)	S	4-Bromofluorob...	0.461	0.427	0.426	0.438	0.439	0.434	0.437	2.94
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.393	0.369	0.372	0.343	0.310	0.304	0.348	10.34
65)	PM	Chlorobenzene	1.004	0.936	0.914	0.900	0.841	0.870	0.911	6.20
66)	T	1,1,1,2-Tetrac...	0.393	0.380	0.368	0.367	0.348	0.363	0.370	4.19
67)	C	Ethyl Benzene	1.771	1.636	1.591	1.564	1.482	1.532	1.596	6.29#
68)	T	m/p-Xylenes	0.673	0.613	0.607	0.598	0.561	0.585	0.606	6.16
69)	T	o-Xylene	0.653	0.618	0.607	0.593	0.563	0.589	0.604	5.03
70)	T	Styrene	1.109	1.049	1.042	1.037	0.995	1.041	1.045	3.50
71)	P	Bromoform	0.291	0.268	0.265	0.266	0.255	0.262	0.268	4.50
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.612	3.285	3.244	3.098	2.950	3.102	3.215	7.10
74)	T	N-amyl acetate	1.205	1.123	1.162	1.166	1.123	1.186	1.161	2.86
75)	P	1,1,2,2-Tetrac...	0.939	0.826	0.817	0.827	0.786	0.829	0.837	6.27
76)	T	1,2,3-Trichlor...	0.709	0.641	0.601	0.579	0.564	0.551	0.607	9.68
77)	T	Bromobenzene	0.884	0.801	0.792	0.755	0.717	0.752	0.784	7.38
78)	T	n-propylbenzene	4.237	3.910	3.853	3.670	3.524	3.713	3.818	6.46
79)	T	2-Chlorotoluene	2.481	2.224	2.209	2.123	2.040	2.138	2.203	6.89
80)	T	1,3,5-Trimethy...	2.925	2.734	2.741	2.616	2.470	2.594	2.680	5.84
81)	T	trans-1,4-Dich...	0.281	0.267	0.259	0.280	0.276	0.295	0.277	4.50
82)	T	4-Chlorotoluene	2.532	2.318	2.260	2.219	2.108	2.216	2.275	6.29
83)	T	tert-Butylbenzene	2.730	2.500	2.454	2.384	2.262	2.380	2.451	6.47
84)	T	1,2,4-Trimethy...	2.962	2.730	2.676	2.628	2.469	2.604	2.678	6.13
85)	T	sec-Butylbenzene	4.026	3.688	3.666	3.482	3.270	3.419	3.592	7.35
86)	T	p-Isopropyltol...	3.239	3.039	3.048	2.913	2.746	2.884	2.978	5.69
87)	T	1,3-Dichlorobe...	1.715	1.611	1.552	1.510	1.433	1.505	1.554	6.31
88)	T	1,4-Dichlorobe...	1.763	1.612	1.562	1.521	1.407	1.490	1.559	7.79
89)	T	n-Butylbenzene	3.072	2.869	2.861	2.752	2.590	2.702	2.808	5.92
90)	T	Hexachloroethane	0.663	0.600	0.595	0.568	0.546	0.573	0.591	6.85
91)	T	1,2-Dichlorobe...	1.634	1.502	1.441	1.417	1.328	1.390	1.452	7.28
92)	T	1,2-Dibromo-3-...	0.181	0.165	0.158	0.160	0.151	0.158	0.162	6.34
93)	T	1,2,4-Trichlor...	1.013	0.957	0.936	0.913	0.863	0.913	0.932	5.43
94)	T	Hexachlorobuta...	0.590	0.538	0.512	0.482	0.449	0.471	0.507	10.10
95)	T	Naphthalene	2.679	2.342	2.244	2.244	2.149	2.278	2.322	7.98
96)	T	1,2,3-Trichlor...	0.924	0.862	0.828	0.818	0.786	0.833	0.842	5.57

(#) = Out of Range