

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y060221S.M
 Title : SW846 8260
 Last Update : Thu Jun 03 04:32:20 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY004917.D 10 =VY004918.D 20 =VY004919.D 50 =VY004920.D 100 =VY004921.D 150 =VY004922.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.384	0.520	0.515	0.442	0.440	0.423	0.454	11.74
3) P	Chloromethane	0.601	0.654	0.670	0.613	0.599	0.584	0.620	5.50
4) C	Vinyl Chloride	0.552	0.651	0.633	0.602	0.588	0.551	0.596	6.92#
5) T	Bromomethane	0.351	0.370	0.354	0.329	0.325	0.299	0.338	7.49
6) T	Chloroethane	0.338	0.371	0.383	0.361	0.347	0.340	0.357	5.12
7) T	Trichlorofluor...	0.852	0.898	0.893	0.846	0.807	0.766	0.844	6.03
8) T	Diethyl Ether	0.318	0.343	0.344	0.331	0.314	0.316	0.328	4.15
9) T	1,1,2-Trichlor...	0.486	0.544	0.551	0.512	0.503	0.491	0.515	5.30
10) T	Methyl Iodide	0.427	0.489	0.487	0.512	0.521	0.511	0.491	6.94
11) T	Tert butyl alc...	0.072	0.066	0.063	0.060	0.048	0.055	0.061	13.92
12) CM	1,1-Dichloroet...	0.503	0.531	0.536	0.516	0.511	0.486	0.514	3.58#
13) T	Acrolein	0.067	0.071	0.073	0.061	0.051	0.050	0.062	16.01
14) T	Allyl chloride	0.883	0.969	0.975	0.959	0.936	0.899	0.937	4.10
15) T	Acrylonitrile	0.144	0.154	0.164	0.166	0.144	0.152	0.154	6.11
16) T	Acetone	0.134	0.138	0.136	0.129	0.110	0.117	0.127	9.03
17) T	Carbon Disulfide	1.559	1.695	1.697	1.609	1.516	1.404	1.580	7.11
18) T	Methyl Acetate	0.422	0.410	0.420	0.421	0.370	0.404	0.408	4.83
19) T	Methyl tert-bu...	1.236	1.312	1.390	1.389	1.294	1.316	1.323	4.46
20) T	Methylene Chlo...	1.058	0.879	0.731	0.633	0.587	0.557	0.741	26.21
21) T	trans-1,2-Dich...	0.571	0.591	0.597	0.588	0.570	0.545	0.577	3.28
22) T	Diisopropyl ether	1.606	1.802	1.835	1.776	1.679	1.622	1.720	5.66
23) T	Vinyl Acetate	1.127	1.281	1.359	1.338	1.205	1.198	1.251	7.20
24) P	1,1-Dichloroet...	1.010	1.046	1.087	1.054	1.026	0.988	1.035	3.40
25) T	2-Butanone	0.191	0.218	0.230	0.230	0.198	0.216	0.214	7.65
26) T	2,2-Dichloropr...	0.857	0.900	0.918	0.872	0.867	0.834	0.875	3.45
27) T	cis-1,2-Dichlo...	0.570	0.657	0.675	0.635	0.639	0.616	0.632	5.76
28) T	Bromochloromet...	0.466	0.469	0.495	0.491	0.437	0.417	0.462	6.57
29) T	Tetrahydrofuran	0.122	0.137	0.149	0.148	0.125	0.136	0.136	8.34
30) C	Chloroform	0.959	0.973	1.030	1.009	0.974	0.945	0.982	3.27#
31) T	Cyclohexane	1.033	0.992	0.955	0.888	0.878	0.838	0.931	8.06
32) T	1,1,1-Trichlor...	0.832	0.863	0.875	0.882	0.879	0.834	0.861	2.62
33) S	1,2-Dichloroet...	0.500	0.521	0.570	0.557	0.511	0.514	0.529	5.29
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.275	0.276	0.278	0.298	0.264	0.224	0.269	9.12
36) T	1,1-Dichloropr...	0.480	0.492	0.496	0.510	0.505	0.453	0.489	4.20
37) T	Ethyl Acetate	0.333	0.334	0.341	0.338	0.289	0.297	0.322	7.04
38) T	Carbon Tetrach...	0.375	0.410	0.424	0.456	0.468	0.422	0.426	7.81
39) T	Methylcyclohexane	0.507	0.551	0.557	0.559	0.544	0.524	0.541	3.83
40) TM	Benzene	1.403	1.406	1.382	1.472	1.417	1.322	1.400	3.49
41) T	Methacrylonitrile	0.171	0.157	0.191	0.197	0.171	0.174	0.177	8.16
42) TM	1,2-Dichloroet...	0.386	0.410	0.412	0.428	0.403	0.385	0.404	4.06
43) T	Isopropyl Acetate	0.539	0.561	0.601	0.630	0.563	0.573	0.578	5.60
44) TM	Trichloroethene	0.342	0.371	0.378	0.381	0.372	0.354	0.366	4.10
45) C	1,2-Dichloropr...	0.359	0.374	0.377	0.377	0.364	0.346	0.366	3.34#
46) T	Dibromomethane	0.184	0.198	0.203	0.205	0.195	0.190	0.196	4.16
47) T	Bromodichlorom...	0.439	0.463	0.460	0.476	0.473	0.446	0.459	3.20
48) T	Methyl methacr...	0.244	0.260	0.266	0.287	0.258	0.263	0.263	5.27
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.002	0.002	0.002	8.41
50) S	Toluene-d8	1.012	1.108	1.181	1.213	1.133	1.056	1.117	6.76
51) T	4-Methyl-2-Pen...	0.284	0.300	0.315	0.333	0.285	0.300	0.303	6.19
52) CM	Toluene	0.814	0.837	0.853	0.893	0.871	0.814	0.847	3.75#
53) T	t-1,3-Dichloro...	0.487	0.496	0.514	0.541	0.516	0.497	0.509	3.83
54) T	cis-1,3-Dichlo...	0.548	0.584	0.569	0.608	0.595	0.562	0.578	3.82
55) T	1,1,2-Trichlor...	0.260	0.274	0.279	0.288	0.271	0.259	0.272	4.04
56) T	Ethyl methacry...	0.335	0.369	0.396	0.435	0.401	0.400	0.389	8.75

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57)	T	1,3-Dichloropr...	0.454	0.488	0.505	0.512	0.487	0.459	0.484	4.88
58)	T	2-Chloroethyl ...	0.183	0.197	0.206	0.211	0.192	0.192	0.197	5.25
59)	T	2-Hexanone	0.179	0.205	0.213	0.231	0.195	0.205	0.205	8.41
60)	T	Dibromochlorom...	0.281	0.308	0.315	0.331	0.317	0.304	0.309	5.43
61)	T	1,2-Dibromoethane	0.240	0.263	0.268	0.278	0.262	0.254	0.261	4.90
62)	S	4-Bromofluorob...	0.393	0.369	0.410	0.401	0.377	0.356	0.384	5.39
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.431	0.419	0.412	0.428	0.428	0.390	0.418	3.66
65)	PM	Chlorobenzene	0.980	1.008	0.988	1.004	1.014	0.950	0.991	2.39
66)	T	1,1,1,2-Tetrac...	0.339	0.360	0.349	0.361	0.365	0.345	0.353	2.93
67)	C	Ethyl Benzene	1.734	1.859	1.828	1.875	1.910	1.778	1.831	3.56#
68)	T	m/p-Xylenes	0.663	0.677	0.689	0.708	0.717	0.662	0.686	3.32
69)	T	o-Xylene	0.594	0.615	0.660	0.659	0.676	0.629	0.639	4.90
70)	T	Styrene	0.943	1.008	1.105	1.116	1.146	1.067	1.064	7.16
71)	P	Bromoform	0.196	0.202	0.216	0.217	0.211	0.208	0.208	3.87
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.506	3.781	3.932	3.832	3.858	3.752	3.777	3.89
74)	T	N-amyl acetate	1.100	1.188	1.256	1.324	1.212	1.231	1.219	6.09
75)	P	1,1,2,2-Tetrac...	0.755	0.773	0.781	0.782	0.718	0.740	0.758	3.39
76)	T	1,2,3-Trichlor...	0.580	0.555	0.538	0.569	0.522	0.524	0.548	4.35
77)	T	Bromobenzene	0.803	0.864	0.841	0.876	0.853	0.826	0.844	3.15
78)	T	n-propylbenzene	4.362	4.653	4.536	4.615	4.653	4.497	4.553	2.48
79)	T	2-Chlorotoluene	2.483	2.624	2.513	2.600	2.560	2.447	2.538	2.72
80)	T	1,3,5-Trimethy...	2.985	3.214	3.125	3.191	3.167	3.013	3.116	3.06
81)	T	trans-1,4-Dich...	0.288	0.297	0.311	0.313	0.283	0.296	0.298	4.06
82)	T	4-Chlorotoluene	2.520	2.590	2.647	2.643	2.640	2.522	2.593	2.31
83)	T	tert-Butylbenzene	2.480	2.641	2.683	2.726	2.746	2.538	2.636	4.04
84)	T	1,2,4-Trimethy...	2.941	3.095	3.183	3.197	3.159	3.006	3.097	3.35
85)	T	sec-Butylbenzene	3.752	3.821	3.928	3.880	3.898	3.744	3.837	2.02
86)	T	p-Isopropyltol...	3.066	3.276	3.350	3.364	3.405	3.289	3.292	3.66
87)	T	1,3-Dichlorobe...	1.559	1.631	1.636	1.629	1.627	1.557	1.606	2.35
88)	T	1,4-Dichlorobe...	1.627	1.637	1.599	1.599	1.610	1.541	1.602	2.09
89)	T	n-Butylbenzene	3.121	3.193	3.165	3.198	3.236	3.083	3.166	1.76
90)	T	Hexachloroethane	0.480	0.496	0.487	0.486	0.500	0.483	0.489	1.56
91)	T	1,2-Dichlorobe...	1.388	1.472	1.425	1.437	1.419	1.375	1.419	2.44
92)	T	1,2-Dibromo-3-...	0.123	0.127	0.129	0.131	0.115	0.129	0.126	4.67
93)	T	1,2,4-Trichlor...	0.864	0.903	0.876	0.922	0.892	0.892	0.891	2.27
94)	T	Hexachlorobuta...	0.445	0.468	0.471	0.495	0.478	0.464	0.470	3.48
95)	T	Naphthalene	1.775	1.857	1.937	2.185	1.953	2.051	1.960	7.37
96)	T	1,2,3-Trichlor...	0.772	0.764	0.778	0.821	0.785	0.789	0.785	2.52

(#) = Out of Range