

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y012821S.M
 Title : SW846 8260
 Last Update : Thu Jan 28 18:50:48 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY003952.D 10 =VY003953.D 20 =VY003954.D 50 =VY003955.D 100 =VY003956.D 150 =VY003957.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.477	0.544	0.535	0.480	0.436	0.501	0.496	8.16
3) P	Chloromethane	0.696	0.665	0.620	0.589	0.543	0.633	0.624	8.71
4) C	Vinyl Chloride	0.693	0.669	0.632	0.639	0.584	0.689	0.651	6.34#
5) T	Bromomethane	0.526	0.477	0.466	0.439	0.415	0.458	0.464	8.13
6) T	Chloroethane	0.434	0.428	0.412	0.401	0.374	0.398	0.408	5.39
7) T	Trichlorofluor...	0.934	0.907	0.946	0.912	0.838	0.874	0.902	4.43
8) T	Diethyl Ether	0.312	0.271	0.284	0.283	0.267	0.276	0.282	5.74
9) T	1,1,2-Trichlor...	0.499	0.464	0.477	0.465	0.444	0.443	0.466	4.54
10) T	Methyl Iodide	0.487	0.533	0.580	0.630	0.622	0.604	0.576	9.71
11) T	Tert butyl alc...	0.085	0.075	0.063	0.057	0.048	0.055	0.064	21.40
12) CM	1,1-Dichloroet...	0.468	0.463	0.457	0.450	0.431	0.440	0.451	3.15#
13) T	Acrolein	0.049	0.047	0.054	0.052	0.050	0.052	0.051	4.72
14) T	Allyl chloride	0.823	0.822	0.832	0.848	0.821	0.841	0.831	1.38
15) T	Acrylonitrile	0.138	0.133	0.149	0.153	0.139	0.150	0.144	5.69
16) T	Acetone	0.135	0.126	0.132	0.149	0.128	0.139	0.135	6.30
17) T	Carbon Disulfide	1.538	1.534	1.479	1.490	1.429	1.429	1.483	3.25
18) T	Methyl Acetate	0.315	0.298	0.362	0.353	0.328	0.362	0.336	7.95
19) T	Methyl tert-bu...	1.386	1.332	1.399	1.439	1.310	1.402	1.378	3.47
20) T	Methylene Chlo...	0.701	0.649	0.571	0.526	0.494	0.498	0.573	14.89
21) T	trans-1,2-Dich...	0.540	0.527	0.520	0.526	0.498	0.505	0.519	2.94
22) T	Diisopropyl ether	1.606	1.681	1.657	1.691	1.618	1.667	1.653	2.07
23) T	Vinyl Acetate	1.060	1.062	1.154	1.190	1.116	1.177	1.127	5.04
24) P	1,1-Dichloroet...	0.919	0.923	0.915	0.941	0.893	0.908	0.916	1.73
25) T	2-Butanone	0.171	0.175	0.197	0.213	0.188	0.210	0.192	9.31
26) T	2,2-Dichloropr...	0.911	0.894	0.879	0.891	0.818	0.847	0.873	3.96
27) T	cis-1,2-Dichlo...	0.601	0.577	0.569	0.583	0.558	0.571	0.576	2.53
28) T	Bromochloromet...	0.377	0.375	0.357	0.425	0.422	0.413	0.395	7.26
29) T	Tetrahydrofuran	0.111	0.108	0.128	0.133	0.121	0.133	0.123	8.88
30) C	Chloroform	0.983	1.004	0.950	0.988	0.920	0.936	0.963	3.44#
31) T	Cyclohexane	1.110	0.951	0.908	0.881	0.840	0.851	0.923	10.81
32) T	1,1,1-Trichlor...	0.923	0.890	0.889	0.916	0.844	0.868	0.889	3.31
33) S	1,2-Dichloroet...	0.556	0.560	0.599	0.540	0.509	0.536	0.550	5.43
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.298	0.284	0.314	0.287	0.286	0.285	0.292	4.02
36) T	1,1-Dichloropr...	0.551	0.497	0.506	0.514	0.475	0.490	0.506	5.17
37) T	Ethyl Acetate	0.264	0.255	0.305	0.311	0.277	0.305	0.286	8.42
38) T	Carbon Tetrach...	0.574	0.551	0.555	0.562	0.510	0.527	0.546	4.33
39) T	Methylcyclohexane	0.605	0.601	0.596	0.618	0.596	0.601	0.603	1.36
40) TM	Benzene	1.435	1.418	1.402	1.424	1.345	1.363	1.398	2.58
41) T	Methacrylonitrile	0.157	0.176	0.204	0.185	0.196	0.215	0.189	10.98
42) TM	1,2-Dichloroet...	0.498	0.479	0.493	0.500	0.449	0.469	0.481	4.16
43) T	Isopropyl Acetate	0.539	0.492	0.573	0.598	0.542	0.594	0.556	7.21
44) TM	Trichloroethene	0.398	0.396	0.387	0.388	0.372	0.377	0.386	2.68
45) C	1,2-Dichloropr...	0.358	0.345	0.339	0.356	0.338	0.340	0.346	2.56#
46) T	Dibromomethane	0.190	0.200	0.202	0.207	0.190	0.197	0.198	3.44
47) T	Bromodichlorom...	0.505	0.516	0.520	0.533	0.491	0.504	0.511	2.91
48) T	Methyl methacr...	0.256	0.258	0.277	0.286	0.265	0.289	0.272	5.16
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	15.63
50) S	Toluene-d8	1.221	1.161	1.207	1.098	1.101	1.094	1.147	5.01
51) T	4-Methyl-2-Pen...	0.252	0.253	0.301	0.314	0.280	0.306	0.284	9.51
52) CM	Toluene	0.888	0.871	0.897	0.911	0.858	0.871	0.882	2.22#
53) T	t-1,3-Dichloro...	0.528	0.513	0.547	0.576	0.522	0.547	0.539	4.22
54) T	cis-1,3-Dichlo...	0.595	0.595	0.609	0.614	0.576	0.595	0.597	2.21
55) T	1,1,2-Trichlor...	0.270	0.260	0.282	0.289	0.267	0.277	0.274	3.92
56) T	Ethyl methacry...	0.365	0.343	0.398	0.432	0.393	0.418	0.391	8.43

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57)	T	1,3-Dichloropr...	0.481	0.487	0.505	0.507	0.480	0.486	0.491	2.45
58)	T	2-Chloroethyl ...	0.173	0.179	0.195	0.171	0.166	0.179	0.177	5.66
59)	T	2-Hexanone	0.170	0.173	0.209	0.226	0.198	0.218	0.199	11.58
60)	T	Dibromochlorom...	0.351	0.346	0.364	0.378	0.347	0.357	0.357	3.39
61)	T	1,2-Dibromoethane	0.278	0.263	0.278	0.285	0.267	0.275	0.274	2.92
62)	S	4-Bromofluorob...	0.443	0.408	0.452	0.404	0.401	0.402	0.418	5.48
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.475	0.451	0.454	0.454	0.428	0.428	0.448	3.99
65)	PM	Chlorobenzene	1.023	1.009	1.028	1.041	0.984	0.995	1.014	2.12
66)	T	1,1,1,2-Tetrac...	0.388	0.396	0.394	0.413	0.388	0.393	0.395	2.40
67)	C	Ethyl Benzene	1.898	1.893	1.898	1.965	1.863	1.885	1.900	1.81#
68)	T	m/p-Xylenes	0.713	0.708	0.701	0.723	0.684	0.697	0.704	1.95
69)	T	o-Xylene	0.647	0.657	0.647	0.681	0.644	0.654	0.655	2.09
70)	T	Styrene	1.086	1.113	1.127	1.194	1.122	1.141	1.130	3.19
71)	P	Bromoform	0.241	0.235	0.258	0.276	0.250	0.259	0.253	5.69
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.620	3.563	3.523	3.614	3.521	3.631	3.579	1.38
74)	T	N-amyl acetate	0.915	0.950	1.070	1.136	1.080	1.161	1.052	9.46
75)	P	1,1,2,2-Tetrac...	0.604	0.597	0.672	0.689	0.647	0.685	0.649	6.27
76)	T	1,2,3-Trichlor...	0.483	0.457	0.591	0.512	0.477	0.503	0.504	9.36
77)	T	Bromobenzene	0.901	0.867	0.861	0.918	0.872	0.903	0.887	2.63
78)	T	n-propylbenzene	4.366	4.285	4.193	4.294	4.162	4.250	4.258	1.73
79)	T	2-Chlorotoluene	2.495	2.419	2.413	2.491	2.388	2.425	2.439	1.81
80)	T	1,3,5-Trimethy...	3.132	3.111	3.050	3.113	2.968	3.052	3.071	1.98
81)	T	trans-1,4-Dich...	0.245	0.238	0.268	0.280	0.266	0.283	0.264	6.91
82)	T	4-Chlorotoluene	2.674	2.609	2.569	2.602	2.489	2.532	2.579	2.50
83)	T	tert-Butylbenzene	2.619	2.569	2.554	2.591	2.465	2.522	2.553	2.13
84)	T	1,2,4-Trimethy...	3.084	3.110	3.099	3.123	2.993	3.062	3.078	1.52
85)	T	sec-Butylbenzene	3.632	3.554	3.566	3.587	3.431	3.460	3.538	2.18
86)	T	p-Isopropyltol...	3.345	3.312	3.316	3.348	3.217	3.268	3.301	1.52
87)	T	1,3-Dichlorobe...	1.710	1.661	1.650	1.698	1.642	1.670	1.672	1.60
88)	T	1,4-Dichlorobe...	1.690	1.669	1.662	1.678	1.594	1.614	1.651	2.31
89)	T	n-Butylbenzene	3.226	3.127	3.075	3.076	2.926	2.957	3.065	3.60
90)	T	Hexachloroethane	0.639	0.585	0.603	0.620	0.583	0.596	0.604	3.60
91)	T	1,2-Dichlorobe...	1.517	1.515	1.506	1.521	1.434	1.444	1.490	2.66
92)	T	1,2-Dibromo-3-...	0.139	0.126	0.135	0.138	0.125	0.140	0.134	5.12
93)	T	1,2,4-Trichlor...	1.085	1.063	1.056	1.044	0.968	0.971	1.031	4.81
94)	T	Hexachlorobuta...	0.718	0.728	0.690	0.649	0.593	0.597	0.663	8.88
95)	T	Naphthalene	1.829	1.766	2.024	2.069	1.904	2.017	1.935	6.27
96)	T	1,2,3-Trichlor...	0.897	0.908	0.909	0.899	0.848	0.867	0.888	2.79

(#) = Out of Range