

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X111623W.M
 Title : SW846 8260
 Last Update : Thu Nov 16 22:59:22 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX038829.D 5 =VX038830.D 20 =VX038838.D 50 =VX038837.D 100 =VX038834.D 150 =VX038835.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.632	0.518	0.544	0.618	0.599	0.590	0.583	7.51
3) P	Chloromethane	0.937	0.734	0.744	0.727	0.715	0.712	0.761	11.38
4) C	Vinyl Chloride	0.776	0.742	0.764	0.720	0.699	0.700	0.734	4.41#
5) T	Bromomethane		0.339	0.321	0.344	0.254	0.259	0.303	14.43
6) T	Chloroethane	0.466	0.419	0.442	0.418	0.378	0.389	0.419	7.81
7) T	Trichlorofluor...	0.988	0.947	0.986	0.916	0.877	0.872	0.931	5.51
8) T	Diethyl Ether	0.475	0.423	0.419	0.384	0.362	0.369	0.405	10.44
9) T	1,1,2-Trichlor...	0.703	0.616	0.652	0.605	0.564	0.563	0.617	8.73
10) T	Methyl Iodide		0.751	0.810	0.765	0.720	0.711	0.751	5.22
11) T	Tert butyl alc...		0.236	0.244	0.217	0.218	0.206	0.224	6.74
12) CM	1,1-Dichloroet...	0.665	0.651	0.650	0.610	0.576	0.586	0.623	5.97#
13) T	Acrolein		0.149	0.114	0.109	0.108	0.113	0.119	14.43
14) T	Allyl chloride	1.308	1.276	1.324	1.210	1.182	1.187	1.248	5.03
15) T	Acrylonitrile	0.481	0.480	0.501	0.470	0.459	0.450	0.473	3.80
16) T	Acetone	0.507	0.424	0.465	0.415	0.388	0.375	0.429	11.52
17) T	Carbon Disulfide	2.338	1.964	2.020	1.797	1.731	1.733	1.930	12.07
18) T	Methyl Acetate	2.185	1.981	2.048	2.020	2.008	1.981	2.037	3.78
19) T	Methyl tert-bu...	2.253	2.200	2.334	2.169	2.099	2.096	2.192	4.20
20) T	Methylene Chlo...	0.976	0.787	0.790	0.704	0.687	0.695	0.773	14.16
21) T	trans-1,2-Dich...	0.793	0.675	0.724	0.663	0.634	0.636	0.688	8.92
22) T	Diisopropyl ether	2.368	2.292	2.376	2.270	2.204	2.224	2.289	3.13
23) T	Vinyl Acetate	1.655	1.641	1.782	1.668	1.578	1.567	1.649	4.69
24) P	1,1-Dichloroet...	1.352	1.304	1.341	1.248	1.209	1.226	1.280	4.74
25) T	2-Butanone	0.746	0.709	0.741	0.677	0.659	0.641	0.696	6.25
26) T	2,2-Dichloropr...	1.280	1.095	1.172	1.086	1.016	1.013	1.110	9.17
27) T	cis-1,2-Dichlo...	0.906	0.782	0.849	0.771	0.750	0.751	0.802	7.83
28) T	Bromochloromet...	0.628	0.634	0.605	0.595	0.610	0.615	0.615	2.37
29) T	Tetrahydrofuran	0.430	0.447	0.469	0.446	0.435	0.423	0.442	3.66
30) C	Chloroform	1.396	1.267	1.299	1.203	1.167	1.168	1.250	7.14#
31) T	Cyclohexane		1.204	1.260	1.124	1.092	1.071	1.150	6.91
32) T	1,1,1-Trichlor...	1.208	1.104	1.136	1.043	1.002	1.004	1.083	7.53
33) S	1,2-Dichloroet...		0.913	0.839	0.799	0.729	0.748	0.806	9.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.409	0.372	0.358	0.331	0.336	0.361	8.70
36) T	1,1-Dichloropr...	0.586	0.509	0.558	0.501	0.479	0.473	0.518	8.72
37) T	Ethyl Acetate	0.751	0.633	0.718	0.665	0.646	0.633	0.674	7.26
38) T	Carbon Tetrach...	0.516	0.470	0.517	0.464	0.452	0.451	0.478	6.38
39) T	Methylcyclohexane	0.768	0.699	0.713	0.646	0.616	0.608	0.675	9.24
40) TM	Benzene	1.645	1.521	1.640	1.492	1.448	1.439	1.531	5.98
41) T	Methacrylonitrile	0.361	0.329	0.371	0.356	0.344	0.338	0.350	4.51
42) TM	1,2-Dichloroet...	0.529	0.520	0.543	0.497	0.477	0.477	0.507	5.43
43) T	Isopropyl Acetate	1.133	1.073	1.133	1.062	1.034	1.031	1.078	4.25
44) TM	Trichloroethene	0.410	0.365	0.395	0.365	0.351	0.351	0.373	6.49
45) C	1,2-Dichloropr...	0.443	0.388	0.443	0.410	0.394	0.394	0.412	6.10#
46) T	Dibromomethane	0.286	0.269	0.298	0.272	0.260	0.263	0.275	5.24
47) T	Bromodichlorom...	0.617	0.547	0.572	0.524	0.506	0.506	0.545	7.98
48) T	Methyl methacr...	0.662	0.493	0.523	0.496	0.484	0.480	0.523	13.31
49) T	1,4-Dioxane	0.010	0.010	0.011	0.010	0.010	0.010	0.010	4.15
50) S	Toluene-d8		1.578	1.463	1.364	1.242	1.261	1.382	10.20
51) T	4-Methyl-2-Pen...	0.707	0.683	0.742	0.682	0.665	0.653	0.689	4.64
52) CM	Toluene	1.089	0.919	1.013	0.924	0.877	0.879	0.950	8.84#
53) T	t-1,3-Dichloro...	0.706	0.634	0.688	0.634	0.611	0.616	0.648	6.10
54) T	cis-1,3-Dichlo...	0.680	0.670	0.725	0.664	0.637	0.639	0.669	4.80
55) T	1,1,2-Trichlor...	0.448	0.384	0.416	0.387	0.372	0.373	0.396	7.54
56) T	Ethyl methacry...	0.631	0.671	0.718	0.676	0.664	0.663	0.671	4.17

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57)	T	1,3-Dichloropr...	0.692	0.651	0.709	0.643	0.621	0.617	0.656	5.73
58)	T	2-Chloroethyl ...	0.332	0.332	0.304	0.261	0.319	0.327	0.312	8.75
59)	T	2-Hexanone	0.528	0.564	0.607	0.552	0.541	0.521	0.552	5.63
60)	T	Dibromochlorom...	0.439	0.392	0.421	0.392	0.385	0.389	0.403	5.36
61)	T	1,2-Dibromoethane	0.460	0.398	0.438	0.408	0.395	0.397	0.416	6.42
62)	S	4-Bromofluorob...	0.622	0.585	0.542	0.501	0.515	0.553	9.11	
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.360	0.313	0.332	0.296	0.285	0.278	0.311	9.91
65)	PM	Chlorobenzene	1.183	1.108	1.143	1.031	1.005	0.993	1.077	7.29
66)	T	1,1,1,2-Tetrac...	0.440	0.376	0.410	0.371	0.364	0.363	0.387	8.03
67)	C	Ethyl Benzene	2.077	2.026	2.152	1.928	1.861	1.829	1.979	6.43#
68)	T	m/p-Xylenes	0.784	0.768	0.817	0.729	0.705	0.688	0.749	6.63
69)	T	o-Xylene	0.785	0.744	0.800	0.714	0.706	0.694	0.741	5.90
70)	T	Styrene	1.290	1.270	1.360	1.208	1.192	1.186	1.251	5.46
71)	P	Bromoform	0.322	0.320	0.341	0.317	0.319	0.319	0.323	2.74
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.426	4.050	4.126	3.676	3.570	3.527	3.896	9.25
74)	T	N-amyl acetate	2.139	1.949	2.211	2.021	2.013	2.024	2.059	4.67
75)	P	1,1,2,2-Tetrac...	1.737	1.518	1.603	1.440	1.415	1.412	1.521	8.48
76)	T	1,2,3-Trichlor...	1.387	1.242	1.319	1.201	1.181	1.155	1.247	7.16
77)	T	Bromobenzene	0.982	0.908	0.919	0.824	0.812	0.808	0.875	8.13
78)	T	n-propylbenzene	5.294	4.878	5.159	4.597	4.452	4.391	4.795	7.85
79)	T	2-Chlorotoluene	3.230	2.945	3.001	2.654	2.643	2.602	2.846	8.87
80)	T	1,3,5-Trimethy...	3.493	3.367	3.544	3.138	3.092	3.020	3.276	6.76
81)	T	trans-1,4-Dich...	0.553	0.591	0.551	0.559	0.559	0.559	0.562	2.89
82)	T	4-Chlorotoluene	3.624	3.328	3.528	3.117	3.085	3.006	3.281	7.72
83)	T	tert-Butylbenzene	3.547	3.335	3.374	3.043	3.069	2.988	3.226	6.95
84)	T	1,2,4-Trimethy...	3.598	3.394	3.539	3.151	3.122	3.089	3.315	6.76
85)	T	sec-Butylbenzene	4.493	4.357	4.564	4.027	3.993	3.886	4.220	6.80
86)	T	p-Isopropyltol...	3.654	3.520	3.621	3.214	3.192	3.123	3.387	7.00
87)	T	1,3-Dichlorobe...	1.890	1.753	1.817	1.623	1.613	1.589	1.714	7.25
88)	T	1,4-Dichlorobe...	2.038	1.775	1.854	1.638	1.622	1.599	1.754	9.75
89)	T	n-Butylbenzene	3.630	3.470	3.658	3.280	3.276	3.192	3.418	5.79
90)	T	Hexachloroethane	0.689	0.681	0.728	0.650	0.658	0.653	0.676	4.41
91)	T	1,2-Dichlorobe...	1.808	1.670	1.746	1.530	1.520	1.480	1.626	8.30
92)	T	1,2-Dibromo-3-...	0.396	0.386	0.389	0.362	0.352	0.350	0.373	5.42
93)	T	1,2,4-Trichlor...	1.218	1.135	1.157	1.036	0.994	0.996	1.089	8.59
94)	T	Hexachlorobuta...	0.421	0.390	0.419	0.373	0.356	0.355	0.386	7.62
95)	T	Naphthalene	4.467	4.137	4.237	3.862	3.830	3.814	4.058	6.57
96)	T	1,2,3-Trichlor...	1.133	1.031	1.095	0.989	0.971	0.977	1.033	6.56

(#) = Out of Range