

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X010924W.M
 Title : SW846 8260
 Last Update : Wed Jan 10 07:39:55 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX039687.D 5 =VX039681.D 20 =VX039690.D 50 =VX039691.D 100 =VX039684.D 150 =VX039685.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.635	0.621	0.667	0.725	0.691	0.692	0.672	5.76
3) P	Chloromethane	0.817	0.722	0.733	0.770	0.725	0.731	0.750	4.94
4) C	Vinyl Chloride	0.654	0.701	0.667	0.760	0.738	0.745	0.711	6.18#
5) T	Bromomethane		0.334	0.350	0.355	0.322	0.343	0.341	3.83
6) T	Chloroethane	0.403	0.357	0.387	0.381	0.284	0.277	0.348	15.68
7) T	Trichlorofluor...	1.095	1.053	0.981	1.078	1.028	1.035	1.045	3.85
8) T	Diethyl Ether	0.358	0.404	0.366	0.394	0.380	0.372	0.379	4.57
9) T	1,1,2-Trichlor...	0.536	0.661	0.611	0.660	0.633	0.624	0.621	7.42
10) T	Methyl Iodide		0.602	0.620	0.765	0.753	0.758	0.700	11.64
11) T	Tert butyl alc...		0.250	0.209	0.227	0.198	0.216	0.220	8.92
12) CM	1,1-Dichloroet...	0.621	0.630	0.582	0.645	0.607	0.607	0.615	3.58#
13) T	Acrolein		0.186	0.139	0.149	0.135	0.137	0.149	14.13
14) T	Allyl chloride	1.202	1.162	1.142	1.277	1.209	1.215	1.201	3.93
15) T	Acrylonitrile	0.459	0.458	0.441	0.476	0.435	0.437	0.451	3.56
16) T	Acetone	0.457	0.489	0.417	0.452	0.441	0.449	0.451	5.20
17) T	Carbon Disulfide	2.243	1.573	1.563	1.792	1.724	1.753	1.775	13.99
18) T	Methyl Acetate	1.018	0.986	0.965	1.040	0.964	0.980	0.992	3.08
19) T	Methyl tert-bu...	2.053	2.211	2.080	2.277	2.177	2.179	2.163	3.85
20) T	Methylene Chlo...	0.867	0.786	0.695	0.741	0.705	0.698	0.749	9.04
21) T	trans-1,2-Dich...	0.687	0.632	0.599	0.664	0.632	0.632	0.641	4.77
22) T	Diisopropyl ether	2.125	2.383	2.214	2.427	2.271	2.277	2.283	4.82
23) T	Vinyl Acetate	1.814	2.111	2.080	2.317	2.186	2.183	2.115	7.98
24) P	1,1-Dichloroet...	1.149	1.314	1.226	1.337	1.270	1.269	1.261	5.32
25) T	2-Butanone	0.622	0.688	0.642	0.692	0.647	0.663	0.659	4.12
26) T	2,2-Dichloropr...	0.885	0.985	0.911	1.055	1.056	1.077	0.995	8.21
27) T	cis-1,2-Dichlo...	0.715	0.755	0.692	0.783	0.739	0.739	0.737	4.25
28) T	Bromochloromet...	0.528	0.602	0.575	0.623	0.564	0.572	0.578	5.67
29) T	Tetrahydrofuran	0.414	0.446	0.418	0.459	0.416	0.426	0.430	4.33
30) C	Chloroform	1.118	1.226	1.183	1.330	1.261	1.272	1.232	6.01#
31) T	Cyclohexane		1.127	1.089	1.196	1.139	1.132	1.136	3.37
32) T	1,1,1-Trichlor...	0.885	1.025	0.996	1.143	1.110	1.126	1.047	9.46
33) S	1,2-Dichloroet...		0.923	0.809	0.792	0.800	0.852	0.835	6.51
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.334	0.324	0.323	0.317	0.336	0.327	2.39
36) T	1,1-Dichloropr...	0.561	0.478	0.467	0.543	0.509	0.507	0.511	7.11
37) T	Ethyl Acetate	0.640	0.651	0.639	0.735	0.661	0.675	0.667	5.41
38) T	Carbon Tetrach...	0.460	0.446	0.445	0.529	0.503	0.504	0.481	7.40
39) T	Methylcyclohexane	0.560	0.631	0.577	0.676	0.630	0.624	0.616	6.76
40) TM	Benzene	1.399	1.502	1.415	1.616	1.468	1.452	1.475	5.30
41) T	Methacrylonitrile	0.297	0.332	0.322	0.376	0.347	0.349	0.337	7.94
42) TM	1,2-Dichloroet...	0.514	0.593	0.539	0.615	0.580	0.584	0.571	6.51
43) T	Isopropyl Acetate	0.850	1.023	0.984	1.135	1.056	1.077	1.021	9.62
44) TM	Trichloroethene	0.345	0.356	0.334	0.383	0.355	0.355	0.354	4.56
45) C	1,2-Dichloropr...	0.382	0.411	0.388	0.437	0.400	0.396	0.402	4.89#
46) T	Dibromomethane	0.230	0.265	0.257	0.300	0.274	0.276	0.267	8.68
47) T	Bromodichlorom...	0.399	0.467	0.470	0.557	0.524	0.535	0.492	11.81
48) T	Methyl methacr...	0.363	0.478	0.467	0.558	0.514	0.518	0.483	13.89
49) T	1,4-Dioxane	0.009	0.010	0.010	0.012	0.009	0.010	0.010	9.76
50) S	Toluene-d8		1.324	1.208	1.245	1.182	1.230	1.238	4.36
51) T	4-Methyl-2-Pen...	0.592	0.702	0.677	0.770	0.676	0.659	0.680	8.53
52) CM	Toluene	0.851	0.891	0.857	0.964	0.891	0.883	0.890	4.51#
53) T	t-1,3-Dichloro...	0.455	0.451	0.493	0.607	0.593	0.615	0.536	14.51
54) T	cis-1,3-Dichlo...	0.467	0.535	0.560	0.664	0.625	0.640	0.582	12.84
55) T	1,1,2-Trichlor...	0.366	0.376	0.350	0.403	0.370	0.364	0.372	4.70
56) T	Ethyl methacry...	0.465	0.538	0.594	0.693	0.650	0.653	0.599	14.20

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57)	T	1,3-Dichloropr...	0.551	0.651	0.621	0.694	0.631	0.636	0.631	7.39
58)	T	2-Chloroethyl ...	0.245	0.293	0.246	0.320	0.296	0.294	0.282	10.75
59)	T	2-Hexanone	0.453	0.555	0.542	0.618	0.546	0.537	0.542	9.75
60)	T	Dibromochlorom...	0.258	0.289	0.315	0.399	0.378	0.383	0.337	17.13
61)	T	1,2-Dibromoethane	0.334	0.384	0.364	0.434	0.394	0.394	0.384	8.75
62)	S	4-Bromofluorob...	0.444	0.440	0.476	0.464	0.493	0.463		4.82
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.318	0.340	0.308	0.321	0.306	0.301	0.316	4.47
65)	PM	Chlorobenzene	1.017	1.085	0.991	1.097	1.027	1.011	1.038	4.13
66)	T	1,1,1,2-Tetrac...	0.311	0.366	0.348	0.399	0.383	0.374	0.363	8.56
67)	C	Ethyl Benzene	1.768	1.922	1.886	2.084	1.954	1.928	1.924	5.31#
68)	T	m/p-Xylenes	0.682	0.722	0.689	0.761	0.704	0.694	0.709	4.12
69)	T	o-Xylene	0.666	0.719	0.685	0.756	0.703	0.693	0.703	4.46
70)	T	Styrene	0.959	1.080	1.094	1.267	1.178	1.160	1.123	9.30
71)	P	Bromoform	0.208	0.217	0.247	0.299	0.300	0.301	0.262	16.58
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.122	4.303	4.077	4.451	4.002	3.920	4.146	4.76
74)	T	N-ethyl acetate	1.825	2.074	2.195	2.480	2.345	2.331	2.208	10.58
75)	P	1,1,2,2-Tetrac...	1.659	1.710	1.546	1.691	1.526	1.505	1.606	5.66
76)	T	1,2,3-Trichlor...	1.484	1.382	1.296	1.423	1.260	1.252	1.350	7.02
77)	T	Bromobenzene	1.073	0.939	0.881	0.969	0.872	0.855	0.931	8.79
78)	T	n-propylbenzene	4.604	4.891	4.764	5.334	4.950	4.830	4.896	5.01
79)	T	2-Chlorotoluene	3.264	3.177	2.895	3.242	2.932	2.889	3.066	5.85
80)	T	1,3,5-Trimethy...	3.539	3.590	3.513	3.811	3.439	3.351	3.540	4.42
81)	T	trans-1,4-Dich...	0.320	0.375	0.493	0.493	0.517	0.440		19.79
82)	T	4-Chlorotoluene	3.721	3.491	3.285	3.670	3.380	3.304	3.475	5.35
83)	T	tert-Butylbenzene	3.325	3.482	3.318	3.639	3.387	3.321	3.412	3.75
84)	T	1,2,4-Trimethy...	3.299	3.645	3.500	3.796	3.499	3.436	3.529	4.88
85)	T	sec-Butylbenzene	3.778	4.260	4.182	4.679	4.340	4.282	4.254	6.82
86)	T	p-Isopropyltol...	2.963	3.347	3.319	3.741	3.495	3.435	3.383	7.54
87)	T	1,3-Dichlorobe...	1.964	1.701	1.668	1.847	1.701	1.671	1.759	6.86
88)	T	1,4-Dichlorobe...	1.944	1.709	1.668	1.828	1.692	1.679	1.754	6.28
89)	T	n-Butylbenzene	2.797	2.744	2.886	3.514	3.380	3.373	3.115	10.99
90)	T	Hexachloroethane	0.494	0.510	0.547	0.663	0.658	0.666	0.590	13.77
91)	T	1,2-Dichlorobe...	2.044	1.745	1.678	1.806	1.654	1.604	1.755	9.01
92)	T	1,2-Dibromo-3-...	0.321	0.335	0.347	0.414	0.406	0.411	0.372	11.49
93)	T	1,2,4-Trichlor...	1.055	0.910	0.887	1.070	1.040	1.036	1.000	7.97
94)	T	Hexachlorobuta...	0.381	0.440	0.375	0.441	0.429	0.425	0.415	7.12
95)	T	Naphthalene	4.538	3.614	3.669	4.210	3.957	3.931	3.987	8.67
96)	T	1,2,3-Trichlor...	1.037	0.976	0.954	1.101	1.029	1.037	1.022	5.08

(#) = Out of Range