

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X042523W.M
 Title : SW846 8260
 Last Update : Tue Apr 25 16:31:40 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX035272.D 5 =VX035273.D 20 =VX035274.D 50 =VX035275.D 100 =VX035279.D 150 =VX035277.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.488	0.488	0.515	0.550	0.589	0.543	0.529	7.48
3) P	Chloromethane	0.521	0.467	0.445	0.473	0.498	0.484	0.481	5.43
4) C	Vinyl Chloride	0.485	0.479	0.449	0.478	0.518	0.488	0.483	4.58#
5) T	Bromomethane		0.316	0.307	0.317	0.336	0.328	0.321	3.51
6) T	Chloroethane	0.332	0.268	0.264	0.277	0.285	0.268	0.282	8.96
7) T	Trichlorofluor...	0.848	0.740	0.719	0.732	0.778	0.713	0.755	6.79
8) T	Diethyl Ether	0.302	0.279	0.255	0.260	0.282	0.273	0.275	6.13
9) T	1,1,2-Trichlor...	0.562	0.496	0.459	0.493	0.532	0.483	0.504	7.32
10) T	Methyl Iodide		0.557	0.608	0.666	0.686	0.664	0.636	8.34
11) T	Tert butyl alc...		0.109	0.100	0.114	0.115	0.112	0.110	5.57
12) CM	1,1-Dichloroet...	0.545	0.475	0.444	0.471	0.504	0.475	0.486	7.20#
13) T	Acrolein		0.110	0.104	0.110	0.103	0.112	0.108	3.60
14) T	Allyl chloride	0.912	0.802	0.776	0.851	0.915	0.872	0.855	6.68
15) T	Acrylonitrile	0.291	0.277	0.256	0.275	0.280	0.270	0.275	4.24
16) T	Acetone	0.310	0.255	0.247	0.253	0.270	0.237	0.262	9.89
17) T	Carbon Disulfide	1.168	1.018	1.053	1.182	1.304	1.259	1.164	9.61
18) T	Methyl Acetate	1.071	0.953	0.968	1.022	1.048	1.018	1.013	4.47
19) T	Methyl tert-bu...	1.731	1.674	1.558	1.657	1.727	1.649	1.666	3.79
20) T	Methylene Chlo...	0.840	0.588	0.536	0.539	0.565	0.536	0.601	19.84
21) T	trans-1,2-Dich...	0.567	0.535	0.488	0.514	0.546	0.515	0.527	5.24
22) T	Diisopropyl ether	1.780	1.742	1.619	1.680	1.724	1.602	1.691	4.17
23) T	Vinyl Acetate	1.092	1.123	1.122	1.206	1.252	1.180	1.162	5.21
24) P	1,1-Dichloroet...	0.982	0.949	0.895	0.949	0.997	0.944	0.953	3.73
25) T	2-Butanone	0.395	0.386	0.365	0.382	0.394	0.373	0.382	3.12
26) T	2,2-Dichloropr...	0.730	0.676	0.666	0.757	0.849	0.799	0.746	9.50
27) T	cis-1,2-Dichlo...	0.713	0.600	0.569	0.598	0.634	0.606	0.620	8.06
28) T	Bromochloromet...	0.364	0.421	0.404	0.415	0.414	0.417	0.406	5.20
29) T	Tetrahydrofuran	0.264	0.244	0.236	0.243	0.246	0.237	0.245	4.06
30) C	Chloroform	0.969	0.967	0.924	0.960	0.999	0.950	0.962	2.56#
31) T	Cyclohexane		0.842	0.832	0.855	0.909	0.841	0.856	3.59
32) T	1,1,1-Trichlor...	0.848	0.797	0.778	0.851	0.908	0.874	0.843	5.74
33) S	1,2-Dichloroet...		0.633	0.613	0.597	0.600	0.573	0.603	3.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.302	0.309	0.308	0.318	0.297	0.307	2.60
36) T	1,1-Dichloropr...	0.554	0.465	0.436	0.457	0.495	0.468	0.479	8.63
37) T	Ethyl Acetate	0.395	0.447	0.417	0.456	0.460	0.450	0.438	5.84
38) T	Carbon Tetrach...	0.427	0.412	0.429	0.466	0.511	0.485	0.455	8.48
39) T	Methylcyclohexane	0.593	0.561	0.550	0.580	0.637	0.579	0.583	5.22
40) TM	Benzene	1.473	1.386	1.313	1.345	1.406	1.325	1.375	4.34
41) T	Methacrylonitrile	0.235	0.240	0.246	0.257	0.269	0.257	0.251	5.06
42) TM	1,2-Dichloroet...	0.514	0.498	0.464	0.482	0.504	0.479	0.490	3.77
43) T	Isopropyl Acetate	0.697	0.694	0.697	0.749	0.798	0.777	0.735	6.25
44) TM	Trichloroethene	0.391	0.383	0.358	0.372	0.395	0.372	0.379	3.61
45) C	1,2-Dichloropr...	0.366	0.335	0.325	0.344	0.364	0.344	0.347	4.67#
46) T	Dibromomethane	0.253	0.235	0.218	0.233	0.250	0.239	0.238	5.30
47) T	Bromodichlorom...	0.404	0.406	0.406	0.455	0.490	0.470	0.438	8.65
48) T	Methyl methacr...	0.326	0.335	0.348	0.377	0.396	0.382	0.361	7.77
49) T	1,4-Dioxane	0.010	0.009	0.008	0.009	0.009	0.008	0.009	6.72
50) S	Toluene-d8		1.179	1.191	1.167	1.165	1.087	1.158	3.54
51) T	4-Methyl-2-Pen...	0.465	0.459	0.439	0.454	0.461	0.434	0.452	2.81
52) CM	Toluene	0.911	0.880	0.829	0.864	0.899	0.845	0.871	3.62#
53) T	t-1,3-Dichloro...	0.351	0.368	0.434	0.496	0.559	0.539	0.458	19.12
54) T	cis-1,3-Dichlo...	0.419	0.459	0.496	0.553	0.603	0.577	0.518	13.80
55) T	1,1,2-Trichlor...	0.382	0.344	0.326	0.343	0.352	0.336	0.347	5.57
56) T	Ethyl methacry...	0.470	0.504	0.497	0.531	0.564	0.540	0.517	6.55

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X042523W.M

57)	T	1,3-Dichloropr...	0.653	0.596	0.552	0.584	0.607	0.572	0.594	5.84
58)	T	2-Chloroethyl ...	0.245	0.208	0.270	0.274	0.294	0.261	0.259	11.41
59)	T	2-Hexanone	0.339	0.342	0.332	0.347	0.354	0.322	0.339	3.33
60)	T	Dibromochlorom...	0.271	0.290	0.315	0.355	0.390	0.375	0.333	14.38
61)	T	1,2-Dibromoethane	0.355	0.347	0.345	0.362	0.379	0.361	0.358	3.41
62)	S	4-Bromofluorob...		0.428	0.442	0.436	0.450	0.421	0.435	2.59
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.447	0.394	0.356	0.363	0.386	0.351	0.383	9.37
65)	PM	Chlorobenzene	1.214	1.127	0.997	1.030	1.101	1.022	1.082	7.56
66)	T	1,1,1,2-Tetrac...	0.368	0.352	0.347	0.380	0.418	0.395	0.376	7.16
67)	C	Ethyl Benzene	1.993	1.874	1.739	1.854	1.969	1.811	1.873	5.10#
68)	T	m/p-Xylenes	0.731	0.731	0.679	0.710	0.760	0.697	0.718	3.99
69)	T	o-Xylene	0.705	0.717	0.669	0.697	0.745	0.690	0.704	3.69
70)	T	Styrene	1.078	1.132	1.088	1.154	1.248	1.147	1.141	5.34
71)	P	Bromoform	0.213	0.219	0.234	0.279	0.321	0.306	0.262	17.70
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.616	3.740	3.546	3.603	3.818	3.607	3.655	2.80
74)	T	N-amyl acetate	1.197	1.294	1.313	1.438	1.527	1.472	1.374	9.12
75)	P	1,1,2,2-Tetrac...	1.225	1.172	1.082	1.102	1.142	1.085	1.134	4.98
76)	T	1,2,3-Trichlor...	1.087	1.066	0.984	0.911	0.941	0.994	0.997	6.87
77)	T	Bromobenzene	0.934	0.909	0.851	0.899	0.946	0.911	0.909	3.62
78)	T	n-propylbenzene	4.236	4.144	4.057	4.157	4.420	4.173	4.198	2.93
79)	T	2-Chlorotoluene	2.904	2.678	2.444	2.525	2.659	2.529	2.623	6.23
80)	T	1,3,5-Trimethy...	2.929	3.113	3.004	3.086	3.275	3.085	3.082	3.78
81)	T	trans-1,4-Dich...		0.214	0.253	0.321	0.378	0.374	0.308	23.79
82)	T	4-Chlorotoluene	3.018	3.005	2.808	2.860	3.080	2.906	2.946	3.54
83)	T	tert-Butylbenzene	3.067	3.046	2.932	3.005	3.361	3.142	3.092	4.81
84)	T	1,2,4-Trimethy...	2.990	3.099	3.012	3.081	3.300	3.098	3.097	3.54
85)	T	sec-Butylbenzene	3.667	3.768	3.646	3.781	4.088	3.809	3.793	4.18
86)	T	p-Isopropyltol...	3.039	3.121	3.116	3.241	3.541	3.298	3.226	5.59
87)	T	1,3-Dichlorobe...	1.794	1.735	1.619	1.675	1.816	1.721	1.727	4.26
88)	T	1,4-Dichlorobe...	2.166	1.837	1.637	1.681	1.834	1.706	1.810	10.63
89)	T	n-Butylbenzene	2.506	2.545	2.553	2.761	3.096	2.877	2.723	8.57
90)	T	Hexachloroethane	0.363	0.415	0.457	0.523	0.611	0.594	0.494	20.13
91)	T	1,2-Dichlorobe...	2.007	1.786	1.599	1.632	1.738	1.600	1.727	9.11
92)	T	1,2-Dibromo-3-...	0.202	0.192	0.214	0.238	0.258	0.261	0.227	12.79
93)	T	1,2,4-Trichlor...	1.123	0.998	1.002	1.058	1.201	1.132	1.085	7.40
94)	T	Hexachlorobuta...	0.540	0.441	0.435	0.453	0.517	0.472	0.476	9.07
95)	T	Naphthalene	3.069	3.149	3.263	3.387	3.654	3.528	3.342	6.71
96)	T	1,2,3-Trichlor...	1.181	1.071	1.004	1.046	1.156	1.098	1.093	6.12

(#) = Out of Range