

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X022421W.M
 Title : SW846 8260
 Last Update : Wed Feb 24 13:50:55 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX020894.D 5 =VX020895.D 20 =VX020896.D 50 =VX020897.D 100 =VX020898.D 150 =VX020899.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.544	0.532	0.517	0.555	0.552	0.544	0.541	2.59
3) P	Chloromethane	0.658	0.580	0.574	0.609	0.597	0.586	0.601	5.10
4) C	Vinyl Chloride	0.719	0.670	0.655	0.700	0.718	0.687	0.692	3.74#
5) T	Bromomethane	0.226	0.370	0.221	0.215	0.213	0.249		27.40
6) T	Chloroethane	0.481	0.430	0.409	0.440	0.441	0.396	0.433	6.89
7) T	Trichlorofluor...	0.929	0.865	0.826	0.872	0.909	0.837	0.873	4.59
8) T	Diethyl Ether	0.478	0.388	0.374	0.401	0.407	0.382	0.405	9.32
9) T	1,1,2-Trichlor...	0.565	0.519	0.505	0.544	0.562	0.531	0.538	4.46
10) T	Methyl Iodide	0.602	0.669	0.776	0.806	0.759	0.723		11.69
11) T	Tert butyl alc...	0.151	0.146	0.154	0.150	0.151	0.150		2.12
12) CM	1,1-Dichloroet...	0.590	0.545	0.518	0.566	0.590	0.548	0.560	5.05#
13) T	Acrolein	0.103	0.080	0.091	0.096	0.095	0.093		9.01
14) T	Allyl chloride	0.888	0.917	0.868	0.935	0.966	0.912	0.914	3.75
15) T	Acrylonitrile	0.321	0.318	0.306	0.327	0.331	0.322	0.321	2.68
16) T	Acetone	0.349	0.279	0.259	0.268	0.261	0.254	0.278	12.78
17) T	Carbon Disulfide	1.666	1.549	1.499	1.614	1.674	1.565	1.594	4.34
18) T	Methyl Acetate	0.650	0.646	0.627	0.672	0.691	0.663	0.658	3.39
19) T	Methyl tert-bu...	2.035	1.969	1.893	2.043	2.084	1.970	1.999	3.42
20) T	Methylene Chlo...	0.791	0.656	0.608	0.647	0.668	0.636	0.668	9.59
21) T	trans-1,2-Dich...	0.697	0.618	0.580	0.630	0.638	0.608	0.629	6.24
22) T	Diisopropyl ether	1.889	1.823	1.740	1.862	1.909	1.809	1.839	3.34
23) T	Vinyl Acetate	1.527	1.543	1.507	1.625	1.660	1.572	1.572	3.76
24) P	1,1-Dichloroet...	1.110	1.070	1.021	1.089	1.135	1.073	1.083	3.58
25) T	2-Butanone	0.440	0.419	0.406	0.426	0.427	0.418	0.423	2.68
26) T	2,2-Dichloropr...	1.052	0.979	0.927	0.991	1.007	0.944	0.984	4.58
27) T	cis-1,2-Dichlo...	0.779	0.717	0.669	0.725	0.741	0.714	0.724	4.94
28) T	Bromochloromet...	0.468	0.480	0.411	0.462	0.487	0.472	0.463	5.86
29) T	Tetrahydrofuran	0.283	0.267	0.259	0.273	0.279	0.268	0.271	3.28
30) C	Chloroform	1.133	1.080	1.019	1.104	1.140	1.070	1.091	4.10#
31) T	Cyclohexane	0.971	0.944	0.994	1.021	0.960	0.978		3.12
32) T	1,1,1-Trichlor...	0.977	0.950	0.896	0.960	0.985	0.934	0.950	3.42
33) S	1,2-Dichloroet...	0.718	0.598	0.675	0.691	0.694	0.675		6.84
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.304	0.265	0.303	0.321	0.326	0.304		7.90
36) T	1,1-Dichloropr...	0.517	0.454	0.433	0.475	0.496	0.476	0.475	6.24
37) T	Ethyl Acetate	0.428	0.438	0.438	0.461	0.480	0.467	0.452	4.50
38) T	Carbon Tetrach...	0.511	0.457	0.421	0.448	0.471	0.456	0.460	6.42
39) T	Methylcyclohexane	0.620	0.586	0.550	0.586	0.628	0.605	0.596	4.71
40) TM	Benzene	1.447	1.405	1.344	1.424	1.496	1.430	1.424	3.51
41) T	Methacrylonitrile	0.249	0.250	0.242	0.257	0.269	0.258	0.254	3.75
42) TM	1,2-Dichloroet...	0.476	0.462	0.450	0.479	0.498	0.477	0.474	3.44
43) T	Isopropyl Acetate	0.741	0.763	0.733	0.776	0.810	0.792	0.769	3.86
44) TM	Trichloroethene	0.369	0.368	0.349	0.375	0.400	0.387	0.375	4.70
45) C	1,2-Dichloropr...	0.361	0.351	0.339	0.358	0.374	0.359	0.357	3.21#
46) T	Dibromomethane	0.245	0.234	0.224	0.242	0.254	0.244	0.240	4.33
47) T	Bromodichlorom...	0.499	0.497	0.466	0.501	0.531	0.510	0.501	4.26
48) T	Methyl methacr...	0.385	0.375	0.363	0.392	0.400	0.400	0.386	3.83
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.009	0.009	0.009	3.71
50) S	Toluene-d8	1.214	1.045	1.170	1.233	1.261	1.185		7.15
51) T	4-Methyl-2-Pen...	0.438	0.437	0.430	0.457	0.458	0.467	0.448	3.32
52) CM	Toluene	0.901	0.863	0.832	0.890	0.926	0.910	0.887	3.84#
53) T	t-1,3-Dichloro...	0.541	0.539	0.522	0.578	0.599	0.589	0.561	5.59
54) T	cis-1,3-Dichlo...	0.606	0.600	0.578	0.620	0.651	0.636	0.615	4.23
55) T	1,1,2-Trichlor...	0.347	0.345	0.336	0.354	0.363	0.359	0.351	2.81
56) T	Ethyl methacry...	0.554	0.549	0.529	0.577	0.593	0.602	0.567	4.93

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57)	T	1,3-Dichloropr...	0.598	0.589	0.571	0.611	0.623	0.616	0.601	3.15
58)	T	2-Chloroethyl ...	0.250	0.263	0.264	0.291	0.299	0.298	0.277	7.56
59)	T	2-Hexanone	0.328	0.320	0.323	0.344	0.345	0.356	0.336	4.18
60)	T	Dibromochlorom...	0.345	0.359	0.340	0.386	0.392	0.396	0.370	6.68
61)	T	1,2-Dibromoethane	0.363	0.353	0.345	0.369	0.386	0.389	0.367	4.80
62)	S	4-Bromofluorob...	0.421	0.381	0.448	0.455	0.484	0.438		8.86
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.360	0.388	0.350	0.364	0.366	0.337	0.361	4.78
65)	PM	Chlorobenzene	1.081	1.007	0.980	1.079	1.124	1.044	1.053	5.06
66)	T	1,1,1,2-Tetrac...	0.390	0.380	0.364	0.404	0.405	0.388	0.388	3.98
67)	C	Ethyl Benzene	1.935	1.863	1.820	1.947	1.998	1.893	1.909	3.35#
68)	T	m/p-Xylenes	0.701	0.679	0.662	0.713	0.751	0.710	0.703	4.34
69)	T	o-Xylene	0.677	0.678	0.647	0.711	0.717	0.684	0.686	3.73
70)	T	Styrene	1.103	1.132	1.117	1.219	1.265	1.223	1.176	5.73
71)	P	Bromoform	0.284	0.291	0.282	0.303	0.319	0.322	0.300	5.80
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.137	4.180	3.747	3.877	3.966	3.786	3.949	4.55
74)	T	N-amyl acetate	1.621	1.628	1.482	1.629	1.632	1.605	1.599	3.65
75)	P	1,1,2,2-Tetrac...	1.332	1.305	1.198	1.274	1.266	1.264	1.273	3.55
76)	T	1,2,3-Trichlor...	1.159	1.111	1.020	1.097	1.056	1.011	1.076	5.34
77)	T	Bromobenzene	0.919	0.971	0.851	0.933	0.930	0.911	0.919	4.30
78)	T	n-propylbenzene	4.671	4.696	4.196	4.543	4.548	4.369	4.504	4.23
79)	T	2-Chlorotoluene	2.940	2.867	2.533	2.700	2.716	2.618	2.729	5.57
80)	T	1,3,5-Trimethy...	3.279	3.485	3.087	3.354	3.323	3.190	3.286	4.19
81)	T	trans-1,4-Dich...	0.484	0.449	0.496	0.498	0.501	0.486		4.40
82)	T	4-Chlorotoluene	3.275	3.261	2.896	3.171	3.152	3.119	3.145	4.36
83)	T	tert-Butylbenzene	3.254	3.337	3.077	3.148	3.241	3.126	3.197	3.02
84)	T	1,2,4-Trimethy...	3.436	3.444	3.140	3.383	3.330	3.280	3.336	3.43
85)	T	sec-Butylbenzene	3.799	3.887	3.502	3.852	3.848	3.717	3.768	3.80
86)	T	p-Isopropyltol...	3.581	3.461	3.214	3.495	3.538	3.429	3.453	3.74
87)	T	1,3-Dichlorobe...	1.726	1.748	1.470	1.643	1.681	1.601	1.645	6.15
88)	T	1,4-Dichlorobe...	1.685	1.707	1.559	1.663	1.721	1.722	1.676	3.69
89)	T	n-Butylbenzene	3.033	3.082	2.837	3.125	3.223	3.197	3.083	4.53
90)	T	Hexachloroethane	0.676	0.642	0.599	0.670	0.695	0.673	0.659	5.17
91)	T	1,2-Dichlorobe...	1.680	1.615	1.478	1.672	1.618	1.573	1.606	4.62
92)	T	1,2-Dibromo-3-...	0.308	0.299	0.260	0.294	0.294	0.294	0.292	5.65
93)	T	1,2,4-Trichlor...	0.937	0.978	0.977	1.070	1.132	1.087	1.030	7.45
94)	T	Hexachlorobuta...	0.445	0.406	0.376	0.412	0.419	0.417	0.413	5.38
95)	T	Naphthalene	3.220	3.509	3.473	3.878	3.959	3.959	3.667	8.43
96)	T	1,2,3-Trichlor...	0.917	0.995	0.984	1.053	1.123	1.065	1.023	7.10

(#) = Out of Range