

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X032421W.M
 Title : SW846 8260
 Last Update : Wed Mar 24 12:25:26 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX021424.D 5 =VX021425.D 20 =VX021426.D 50 =VX021427.D 100 =VX021428.D 150 =VX021429.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.557	0.560	0.518	0.554	0.574	0.534	0.550	3.66
3) P	Chloromethane	0.967	0.763	0.596	0.611	0.640	0.631	0.702	20.40
4) C	Vinyl Chloride	0.515	0.581	0.532	0.572	0.599	0.574	0.562	5.68#
5) T	Bromomethane		0.249	0.229	0.220	0.220	0.213	0.226	6.11
6) T	Chloroethane	0.359	0.388	0.335	0.358	0.369	0.330	0.357	6.13
7) T	Trichlorofluor...	0.840	1.007	0.872	0.940	0.941	0.886	0.914	6.58
8) T	Diethyl Ether	0.308	0.342	0.296	0.314	0.318	0.327	0.317	4.98
9) T	1,1,2-Trichlor...	0.509	0.542	0.492	0.511	0.529	0.505	0.515	3.47
10) T	Methyl Iodide		0.281	0.294	0.363	0.417	0.454	0.362	20.83
11) T	Tert butyl alc...		0.142	0.123	0.133	0.143	0.147	0.138	7.09
12) CM	1,1-Dichloroet...	0.544	0.528	0.465	0.483	0.511	0.494	0.504	5.77#
13) T	Acrolein		0.114	0.063	0.067	0.067	0.072	0.077	28.03
14) T	Allyl chloride	1.066	1.073	0.917	1.016	1.049	1.015	1.023	5.62
15) T	Acrylonitrile	0.295	0.343	0.302	0.332	0.340	0.349	0.327	7.00
16) T	Acetone	0.337	0.319	0.281	0.307	0.319	0.325	0.315	6.01
17) T	Carbon Disulfide	1.764	1.372	1.249	1.353	1.392	1.359	1.415	12.58
18) T	Methyl Acetate	0.781	0.868	0.860	0.943	0.989	1.012	0.909	9.69
19) T	Methyl tert-bu...	1.705	1.924	1.752	1.905	1.993	2.010	1.882	6.69
20) T	Methylene Chlo...	0.662	0.641	0.551	0.596	0.612	0.620	0.614	6.22
21) T	trans-1,2-Dich...	0.548	0.580	0.508	0.551	0.573	0.560	0.553	4.59
22) T	Diisopropyl ether	1.789	2.083	1.843	2.023	2.090	2.095	1.987	6.85
23) T	Vinyl Acetate	1.415	1.733	1.560	1.733	1.809	1.834	1.681	9.62
24) P	1,1-Dichloroet...	0.984	1.146	0.999	1.079	1.117	1.102	1.071	6.14
25) T	2-Butanone	0.435	0.501	0.437	0.479	0.501	0.509	0.477	6.97
26) T	2,2-Dichloropr...	0.902	0.962	0.848	0.944	0.963	0.949	0.928	4.88
27) T	cis-1,2-Dichlo...	0.612	0.660	0.590	0.644	0.675	0.675	0.643	5.48
28) T	Bromochloromet...	0.564	0.611	0.494	0.505	0.521	0.522	0.536	8.13
29) T	Tetrahydrofuran	0.277	0.327	0.285	0.310	0.323	0.332	0.309	7.44
30) C	Chloroform	1.004	1.192	1.065	1.149	1.182	1.192	1.131	6.94#
31) T	Cyclohexane		0.911	0.850	0.938	0.959	0.916	0.915	4.50
32) T	1,1,1-Trichlor...	0.909	1.051	0.942	1.023	1.054	1.031	1.002	6.09
33) S	1,2-Dichloroet...		0.893	0.772	0.781	0.837	0.877	0.832	6.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.377	0.320	0.337	0.364	0.378	0.355	7.22
36) T	1,1-Dichloropr...	0.494	0.504	0.446	0.495	0.509	0.491	0.490	4.61
37) T	Ethyl Acetate	0.571	0.608	0.496	0.554	0.579	0.592	0.566	6.92
38) T	Carbon Tetrach...	0.477	0.560	0.486	0.546	0.555	0.534	0.526	6.80
39) T	Methylcyclohexane	0.519	0.545	0.493	0.571	0.576	0.555	0.543	5.90
40) TM	Benzene	1.276	1.456	1.268	1.437	1.458	1.451	1.391	6.65
41) T	Methacrylonitrile	0.342	0.333	0.292	0.329	0.337	0.338	0.329	5.63
42) TM	1,2-Dichloroet...	0.540	0.646	0.557	0.619	0.625	0.632	0.603	7.21
43) T	Isopropyl Acetate	0.824	0.934	0.825	0.948	0.983	1.006	0.920	8.50
44) TM	Trichloroethene	0.366	0.374	0.335	0.371	0.379	0.378	0.367	4.49
45) C	1,2-Dichloropr...	0.341	0.392	0.345	0.392	0.394	0.397	0.377	7.01#
46) T	Dibromomethane	0.253	0.290	0.246	0.284	0.285	0.290	0.275	7.16
47) T	Bromodichlorom...	0.494	0.570	0.514	0.581	0.594	0.600	0.559	7.89
48) T	Methyl methacr...	0.436	0.481	0.443	0.513	0.531	0.540	0.491	9.05
49) T	1,4-Dioxane	0.007	0.010	0.008	0.009	0.009	0.009	0.009	9.77
50) S	Toluene-d8		1.249	1.150	1.242	1.315	1.372	1.266	6.62
51) T	4-Methyl-2-Pen...	0.461	0.568	0.534	0.597	0.618	0.617	0.566	10.70
52) CM	Toluene	0.732	0.847	0.810	0.906	0.925	0.935	0.859	9.17#
53) T	t-1,3-Dichloro...	0.465	0.533	0.501	0.599	0.637	0.652	0.564	13.51
54) T	cis-1,3-Dichlo...	0.493	0.592	0.544	0.639	0.661	0.674	0.601	11.82
55) T	1,1,2-Trichlor...	0.304	0.366	0.347	0.379	0.391	0.390	0.363	9.08
56) T	Ethyl methacry...	0.412	0.518	0.501	0.596	0.626	0.633	0.548	15.75

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57)	T	1,3-Dichloropr...	0.552	0.623	0.574	0.649	0.660	0.666	0.621	7.68
58)	T	2-Chloroethyl ...	0.280	0.284	0.280	0.326	0.335	0.335	0.307	9.14
59)	T	2-Hexanone	0.353	0.415	0.398	0.449	0.466	0.468	0.425	10.54
60)	T	Dibromochlorom...	0.339	0.390	0.378	0.433	0.453	0.444	0.406	10.91
61)	T	1,2-Dibromoethane	0.341	0.380	0.357	0.413	0.424	0.422	0.390	9.09
62)	S	4-Bromofluorob...		0.479	0.441	0.476	0.521	0.544	0.492	8.23
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.307	0.362	0.316	0.345	0.336	0.342	0.335	6.01
65)	PM	Chlorobenzene	0.909	1.053	0.910	1.029	1.075	1.052	1.004	7.47
66)	T	1,1,1,2-Tetrac...	0.356	0.381	0.347	0.399	0.418	0.409	0.385	7.50
67)	C	Ethyl Benzene	1.628	1.851	1.703	1.900	1.989	1.914	1.831	7.51#
68)	T	m/p-Xylenes	0.543	0.662	0.613	0.686	0.720	0.690	0.652	9.87
69)	T	o-Xylene	0.532	0.634	0.596	0.660	0.691	0.679	0.632	9.43
70)	T	Styrene	0.935	1.038	1.013	1.133	1.213	1.187	1.086	10.02
71)	P	Bromoform	0.287	0.298	0.286	0.325	0.341	0.339	0.313	8.12
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.009	3.659	3.259	3.756	3.772	3.624	3.513	8.81
74)	T	N-amyl acetate	1.585	1.713	1.530	1.745	1.794	1.833	1.700	7.01
75)	P	1,1,2,2-Tetrac...	1.158	1.299	1.206	1.260	1.261	1.264	1.241	4.08
76)	T	1,2,3-Trichlor...	1.008	1.237	1.117	1.240	1.199	1.183	1.164	7.60
77)	T	Bromobenzene	0.866	0.881	0.776	0.905	0.906	0.891	0.871	5.61
78)	T	n-propylbenzene	3.779	4.157	3.843	4.384	4.445	4.285	4.149	6.75
79)	T	2-Chlorotoluene	2.303	2.647	2.349	2.639	2.619	2.544	2.517	6.08
80)	T	1,3,5-Trimethy...	2.534	3.094	2.805	3.212	3.238	3.125	3.001	9.19
81)	T	trans-1,4-Dich...		0.329	0.325	0.397	0.418	0.440	0.382	13.71
82)	T	4-Chlorotoluene	2.721	3.118	2.769	3.126	3.141	3.053	2.988	6.41
83)	T	tert-Butylbenzene	2.647	2.902	2.687	3.064	3.184	3.050	2.922	7.45
84)	T	1,2,4-Trimethy...	2.493	3.118	2.872	3.225	3.272	3.173	3.026	9.79
85)	T	sec-Butylbenzene	2.843	3.402	3.141	3.632	3.681	3.525	3.371	9.57
86)	T	p-Isopropyltol...	2.515	3.012	2.919	3.367	3.358	3.239	3.068	10.65
87)	T	1,3-Dichlorobe...	1.495	1.609	1.412	1.595	1.660	1.638	1.568	6.08
88)	T	1,4-Dichlorobe...	1.740	1.648	1.463	1.606	1.616	1.660	1.622	5.62
89)	T	n-Butylbenzene	2.388	2.745	2.531	3.021	3.110	3.072	2.811	10.82
90)	T	Hexachloroethane	0.492	0.539	0.500	0.574	0.610	0.607	0.554	9.33
91)	T	1,2-Dichlorobe...	1.414	1.587	1.427	1.537	1.591	1.592	1.525	5.45
92)	T	1,2-Dibromo-3-...	0.207	0.307	0.263	0.301	0.316	0.325	0.286	15.48
93)	T	1,2,4-Trichlor...	0.949	0.929	0.823	1.028	1.116	1.152	0.999	12.38
94)	T	Hexachlorobuta...	0.497	0.457	0.390	0.455	0.461	0.448	0.451	7.64
95)	T	Naphthalene	2.684	3.119	2.916	3.468	3.669	3.700	3.259	12.82
96)	T	1,2,3-Trichlor...	0.976	0.936	0.905	1.028	1.064	1.083	0.999	7.14

(#) = Out of Range