

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X011921W.M
 Title : SW846 8260
 Last Update : Tue Jan 19 13:11:23 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX020650.D 5 =VX020651.D 20 =VX020652.D 50 =VX020653.D 100 =VX020654.D 150 =VX020655.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.522	0.594	0.707	0.783	0.763	0.769	0.690	15.62
3) P	Chloromethane	0.711	0.672	0.646	0.711	0.700	0.687	0.688	3.70
4) C	Vinyl Chloride	0.648	0.723	0.663	0.746	0.738	0.725	0.707	5.82#
5) T	Bromomethane		0.378	0.331	0.343	0.296	0.296	0.329	10.44
6) T	Chloroethane	0.833	0.470	0.409	0.456	0.438	0.392	0.500	33.17
7) T	Trichlorofluor...	0.997	1.103	0.931	1.056	1.033	1.012	1.022	5.67
8) T	Diethyl Ether	0.354	0.389	0.323	0.366	0.367	0.361	0.360	5.99
9) T	1,1,2-Trichlor...	0.522	0.621	0.509	0.567	0.553	0.543	0.552	7.16
10) T	Methyl Iodide		0.702	0.648	0.769	0.789	0.791	0.740	8.44
11) T	Tert butyl alc...		0.149	0.103	0.116	0.121	0.118	0.121	13.80
12) CM	1,1-Dichloroet...	0.532	0.573	0.478	0.540	0.545	0.545	0.536	5.82#
13) T	Acrolein		0.070	0.052	0.066	0.078	0.082	0.070	17.05
14) T	Allyl chloride	0.825	0.841	0.702	0.818	0.828	0.830	0.807	6.46
15) T	Acrylonitrile	0.286	0.325	0.271	0.308	0.308	0.304	0.301	6.36
16) T	Acetone	0.295	0.295	0.238	0.267	0.256	0.243	0.265	9.32
17) T	Carbon Disulfide	1.565	1.614	1.368	1.561	1.552	1.524	1.531	5.54
18) T	Methyl Acetate	0.623	0.647	0.539	0.608	0.604	0.597	0.603	5.95
19) T	Methyl tert-bu...	1.585	1.851	1.573	1.836	1.865	1.862	1.762	8.07
20) T	Methylene Chlo...	0.738	0.720	0.566	0.624	0.616	0.603	0.644	10.67
21) T	trans-1,2-Dich...	0.595	0.658	0.530	0.599	0.603	0.592	0.596	6.80
22) T	Diisopropyl ether	1.381	1.732	1.473	1.700	1.703	1.683	1.612	9.13
23) T	Vinyl Acetate	1.122	1.406	1.244	1.482	1.506	1.492	1.376	11.45
24) P	1,1-Dichloroet...	0.992	1.170	0.942	1.074	1.066	1.049	1.049	7.39
25) T	2-Butanone	0.374	0.412	0.349	0.404	0.401	0.387	0.388	6.00
26) T	2,2-Dichloropr...	0.857	0.952	0.790	0.911	0.918	0.926	0.892	6.62
27) T	cis-1,2-Dichlo...	0.690	0.737	0.585	0.675	0.679	0.678	0.674	7.36
28) T	Bromochloromet...	0.441	0.508	0.385	0.427	0.428	0.438	0.438	9.12
29) T	Tetrahydrofuran	0.225	0.245	0.219	0.254	0.254	0.249	0.241	6.32
30) C	Chloroform	1.105	1.284	0.998	1.123	1.102	1.090	1.117	8.32#
31) T	Cyclohexane	0.786	0.920	0.777	0.924	0.923	0.928	0.876	8.38
32) T	1,1,1-Trichlor...	0.947	1.085	0.882	0.997	0.992	0.992	0.982	6.79
33) S	1,2-Dichloroet...	0.779	0.750	0.618	0.673	0.678	0.699	0.699	8.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.394	0.378	0.310	0.337	0.345	0.353	0.353	8.55
36) T	1,1-Dichloropr...	0.466	0.554	0.456	0.515	0.521	0.512	0.504	7.30
37) T	Ethyl Acetate	0.444	0.483	0.419	0.483	0.486	0.471	0.464	5.86
38) T	Carbon Tetrach...	0.508	0.599	0.485	0.548	0.548	0.539	0.538	7.23
39) T	Methylcyclohexane	0.460	0.612	0.511	0.609	0.627	0.622	0.574	12.24
40) TM	Benzene	1.410	1.659	1.331	1.504	1.498	1.457	1.477	7.46
41) T	Methacrylonitrile	0.232	0.269	0.228	0.256	0.265	0.253	0.250	6.65
42) TM	1,2-Dichloroet...	0.540	0.627	0.503	0.560	0.559	0.536	0.554	7.41
43) T	Isopropyl Acetate	0.648	0.736	0.633	0.747	0.774	0.763	0.717	8.44
44) TM	Trichloroethene	0.390	0.437	0.368	0.409	0.408	0.400	0.402	5.70
45) C	1,2-Dichloropr...	0.331	0.418	0.340	0.380	0.386	0.372	0.371	8.63#
46) T	Dibromomethane	0.261	0.296	0.244	0.275	0.275	0.263	0.269	6.55
47) T	Bromodichlorom...	0.488	0.608	0.494	0.549	0.556	0.545	0.540	8.20
48) T	Methyl methacr...	0.300	0.357	0.319	0.378	0.392	0.386	0.355	10.70
49) T	1,4-Dioxane	0.007	0.008	0.007	0.009	0.009	0.008	0.008	10.03
50) S	Toluene-d8	1.200	1.310	1.134	1.232	1.261	1.274	1.235	5.04
51) T	4-Methyl-2-Pen...	0.366	0.473	0.421	0.480	0.490	0.461	0.449	10.48
52) CM	Toluene	0.776	1.009	0.841	0.942	0.954	0.923	0.908	9.29#
53) T	t-1,3-Dichloro...	0.451	0.557	0.491	0.582	0.616	0.615	0.552	12.23
54) T	cis-1,3-Dichlo...	0.514	0.640	0.548	0.642	0.660	0.647	0.609	10.06
55) T	1,1,2-Trichlor...	0.376	0.435	0.348	0.387	0.389	0.368	0.384	7.59
56) T	Ethyl methacry...	0.369	0.485	0.438	0.547	0.589	0.578	0.501	17.25

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57)	T	1,3-Dichloropr...	0.543	0.708	0.588	0.654	0.669	0.640	0.634	9.34
58)	T	2-Chloroethyl ...	0.288	0.277	0.247	0.275	0.285	0.275	0.274	5.37
59)	T	2-Hexanone	0.267	0.343	0.316	0.366	0.375	0.349	0.336	11.84
60)	T	Dibromochlorom...	0.379	0.443	0.373	0.425	0.437	0.426	0.414	7.28
61)	T	1,2-Dibromoethane	0.336	0.437	0.365	0.410	0.416	0.406	0.395	9.44
62)	S	4-Bromofluorob...	0.375	0.476	0.406	0.466	0.502	0.498	0.454	11.47
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.389	0.472	0.375	0.393	0.377	0.384	0.398	9.25
65)	PM	Chlorobenzene	1.023	1.216	0.968	1.074	1.098	1.105	1.081	7.76
66)	T	1,1,1,2-Tetrac...	0.380	0.443	0.361	0.408	0.423	0.426	0.407	7.57
67)	C	Ethyl Benzene	1.528	1.933	1.666	1.951	1.946	1.985	1.835	10.36#
68)	T	m/p-Xylenes	0.527	0.728	0.626	0.728	0.739	0.742	0.682	12.83
69)	T	o-Xylene	0.545	0.672	0.580	0.696	0.716	0.718	0.655	11.32
70)	T	Styrene	0.762	1.092	1.012	1.188	1.237	1.221	1.086	16.58
71)	P	Bromoform	0.264	0.335	0.280	0.323	0.354	0.343	0.317	11.44
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.863	3.804	3.295	3.855	3.761	3.726	3.551	11.05
74)	T	N-amyl acetate	0.960	1.224	1.098	1.361	1.453	1.428	1.254	15.68
75)	P	1,1,2,2-Tetrac...	1.290	1.450	1.145	1.265	1.246	1.204	1.267	8.15
76)	T	1,2,3-Trichlor...	1.222	1.343	1.102	1.243	1.179	1.110	1.200	7.54
77)	T	Bromobenzene	0.832	1.005	0.821	0.947	0.946	0.900	0.908	7.89
78)	T	n-propylbenzene	3.275	4.289	3.750	4.460	4.380	4.242	4.066	11.32
79)	T	2-Chlorotoluene	2.082	2.787	2.329	2.686	2.612	2.526	2.504	10.33
80)	T	1,3,5-Trimethy...	2.150	3.145	2.780	3.310	3.253	3.173	2.969	14.88
81)	T	trans-1,4-Dich...	0.301	0.405	0.340	0.428	0.453	0.448	0.396	15.67
82)	T	4-Chlorotoluene	2.458	3.265	2.744	3.154	3.106	3.020	2.958	10.19
83)	T	tert-Butylbenzene	2.370	3.036	2.588	3.140	3.101	3.068	2.884	11.19
84)	T	1,2,4-Trimethy...	2.154	3.201	2.855	3.316	3.307	3.221	3.009	15.01
85)	T	sec-Butylbenzene	2.459	3.596	3.085	3.650	3.656	3.591	3.339	14.46
86)	T	p-Isopropyltol...	2.185	3.243	2.868	3.414	3.437	3.384	3.089	15.88
87)	T	1,3-Dichlorobe...	1.498	1.879	1.481	1.765	1.747	1.654	1.671	9.42
88)	T	1,4-Dichlorobe...	1.550	1.936	1.543	1.742	1.682	1.695	1.691	8.55
89)	T	n-Butylbenzene	1.944	2.745	2.417	3.025	3.061	3.046	2.706	16.60
90)	T	Hexachloroethane	0.478	0.606	0.481	0.592	0.596	0.606	0.560	11.17
91)	T	1,2-Dichlorobe...	1.512	1.800	1.484	1.688	1.679	1.615	1.630	7.27
92)	T	1,2-Dibromo-3-...	0.257	0.290	0.253	0.296	0.300	0.299	0.283	7.65
93)	T	1,2,4-Trichlor...	0.804	1.047	0.870	1.125	1.167	1.187	1.033	15.56
94)	T	Hexachlorobuta...	0.472	0.580	0.417	0.494	0.512	0.498	0.496	10.72
95)	T	Naphthalene	1.749	2.796	2.864	3.794	3.818	3.809	3.138	26.52
96)	T	1,2,3-Trichlor...	0.816	1.054	0.913	1.140	1.117	1.144	1.031	13.24

(#) = Out of Range