

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N070721W.M
 Title : SW846 8260
 Last Update : Wed Jul 07 16:18:53 2021
 Response Via : Initial Calibration

Calibration Files

1 =VN067631.D 5 =VN067632.D 10 =VN067633.D 20 =VN067634.D 50 =VN067635.D 100 =VN067636.D

	Compound	1	5	10	20	50	100	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.376	0.464	0.417	0.414	0.424	0.455	0.425	7.44
3) P	Chloromethane	0.770	0.728	0.700	0.659	0.611	0.571	0.673	11.04
4) C	Vinyl Chloride	1.092	1.192	1.055	0.991	0.943	0.823	1.016	12.55#
5) T	Bromomethane		1.072	0.929	0.809	0.736	0.646	0.838	19.88
6) T	Chloroethane	0.811	0.899	0.817	0.740	0.691	0.559	0.753	15.76
7) T	Trichlorofluor...	2.128	2.252	1.980	1.810	1.685	1.454	1.885	15.63
8) T	Diethyl Ether	0.393	0.372	0.413	0.447	0.448	0.354	0.404	9.65
9) T	1,1,2-Trichlor...	0.468	0.530	0.471	0.441	0.441	0.430	0.463	7.84
10) T	Methyl Iodide		0.501	0.532	0.536	0.584	0.607	0.552	7.70
11) T	Tert butyl alc...		0.126	0.110	0.098	0.104	0.106	0.109	9.56
12) CM	1,1-Dichloroet...	0.427	0.502	0.463	0.425	0.428	0.423	0.445	7.20#
13) T	Acrolein		0.084	0.051	0.052	0.052	0.053	0.058	24.58
14) T	Allyl chloride	0.868	0.884	0.786	0.774	0.799	0.792	0.817	5.72
15) T	Acrylonitrile	0.247	0.280	0.267	0.266	0.277	0.279	0.269	4.64
16) T	Acetone	0.265	0.257	0.260	0.219	0.215	0.211	0.238	10.68
17) T	Carbon Disulfide	1.221	1.363	1.194	1.152	1.216	1.243	1.232	5.82
18) T	Methyl Acetate	0.811	0.735	0.626	0.611	0.624	0.600	0.668	12.77
19) T	Methyl tert-bu...	1.703	1.962	1.870	1.766	1.885	1.868	1.842	5.02
20) T	Methylene Chlo...	0.849	0.674	0.589	0.555	0.556	0.551	0.629	18.64
21) T	trans-1,2-Dich...	0.474	0.565	0.522	0.507	0.535	0.551	0.526	6.18
22) T	Diisopropyl ether	1.662	1.935	1.904	1.836	1.953	1.838	1.855	5.72
23) T	Vinyl Acetate	1.403	1.668	1.595	1.561	1.669	1.617	1.585	6.23
24) P	1,1-Dichloroet...	0.996	1.126	1.046	1.001	1.037	0.997	1.034	4.84
25) T	2-Butanone	0.380	0.408	0.403	0.388	0.401	0.389	0.395	2.67
26) T	2,2-Dichloropr...	0.875	0.952	0.939	0.867	0.917	0.871	0.903	4.15
27) T	cis-1,2-Dichlo...	0.601	0.705	0.655	0.639	0.679	0.668	0.658	5.44
28) T	Bromochloromet...	0.506	0.574	0.524	0.474	0.481	0.468	0.504	7.91
29) T	Tetrahydrofuran	0.250	0.261	0.259	0.259	0.272	0.258	0.260	2.76
30) C	Chloroform	1.107	1.245	1.170	1.129	1.187	1.130	1.161	4.35#
31) T	Cyclohexane		1.312	1.080	0.995	0.991	0.920	1.060	14.35
32) T	1,1,1-Trichlor...	0.905	1.051	1.010	0.993	1.064	1.019	1.007	5.61
33) S	1,2-Dichloroet...		0.819	0.796	0.755	0.714	0.694	0.756	6.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.314	0.294	0.276	0.299	0.328	0.302	6.55
36) T	1,1-Dichloropr...	0.412	0.507	0.458	0.440	0.481	0.488	0.464	7.50
37) T	Ethyl Acetate	0.450	0.477	0.409	0.432	0.460	0.473	0.450	5.79
38) T	Carbon Tetrach...	0.395	0.470	0.432	0.431	0.499	0.523	0.458	10.46
39) T	Methylcyclohexane	0.453	0.544	0.494	0.480	0.534	0.546	0.508	7.63
40) TM	Benzene	1.247	1.478	1.360	1.328	1.450	1.479	1.390	6.78
41) T	Methacrylonitrile	0.208	0.247	0.233	0.224	0.240	0.234	0.231	5.97
42) TM	1,2-Dichloroet...	0.463	0.574	0.527	0.497	0.526	0.511	0.516	7.14
43) T	Isopropyl Acetate	0.700	0.831	0.811	0.769	0.820	0.820	0.792	6.30
44) TM	Trichloroethene	0.335	0.372	0.339	0.327	0.363	0.381	0.353	6.23
45) C	1,2-Dichloropr...	0.316	0.375	0.344	0.340	0.367	0.369	0.352	6.39#
46) T	Dibromomethane	0.217	0.262	0.241	0.241	0.264	0.273	0.250	8.19
47) T	Bromodichlorom...	0.424	0.503	0.477	0.470	0.521	0.535	0.488	8.23
48) T	Methyl methacr...	0.347	0.367	0.342	0.329	0.353	0.363	0.350	3.92
49) T	1,4-Dioxane	0.004	0.006	0.006	0.006	0.007	0.007	0.006	16.55
50) S	Toluene-d8		1.303	1.216	1.176	1.282	1.345	1.264	5.35
51) T	4-Methyl-2-Pen...	0.410	0.506	0.490	0.474	0.517	0.520	0.486	8.45
52) CM	Toluene	0.763	0.935	0.893	0.878	1.002	0.994	0.911	9.72#
53) T	t-1,3-Dichloro...	0.368	0.498	0.480	0.488	0.576	0.596	0.501	16.17
54) T	cis-1,3-Dichlo...	0.441	0.535	0.539	0.518	0.599	0.626	0.543	12.01
55) T	1,1,2-Trichlor...	0.286	0.359	0.338	0.340	0.385	0.386	0.349	10.68
56) T	Ethyl methacry...	0.414	0.528	0.517	0.525	0.610	0.633	0.538	14.50

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57)	T	1,3-Dichloropr...	0.530	0.622	0.570	0.591	0.637	0.641	0.598	7.22
58)	T	2-Chloroethyl ...	0.082	0.107	0.090	0.104	0.134	0.152	0.111	23.87
59)	T	2-Hexanone	0.282	0.341	0.336	0.334	0.372	0.372	0.339	9.76
60)	T	Dibromochlorom...	0.266	0.338	0.321	0.337	0.421	0.443	0.354	18.63
61)	T	1,2-Dibromoethane	0.270	0.365	0.343	0.346	0.403	0.411	0.356	14.37
62)	S	4-Bromofluorob...	0.443	0.411	0.411	0.477	0.491	0.447		8.21
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.328	0.384	0.346	0.325	0.352	0.383	0.353	7.31
65)	PM	Chlorobenzene	0.935	1.062	1.020	0.967	1.084	1.094	1.027	6.30
66)	T	1,1,1,2-Tetrac...	0.285	0.351	0.357	0.352	0.410	0.412	0.361	12.94
67)	C	Ethyl Benzene	1.639	1.956	1.844	1.794	2.007	1.976	1.869	7.46#
68)	T	m/p-Xylenes	0.609	0.725	0.689	0.676	0.782	0.762	0.707	8.90
69)	T	o-Xylene	0.592	0.702	0.682	0.672	0.762	0.761	0.695	9.15
70)	T	Styrene	0.844	1.105	1.079	1.072	1.289	1.283	1.112	14.77
71)	P	Bromoform	0.166	0.205	0.217	0.227	0.314	0.335	0.244	27.12
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.961	4.461	4.098	3.894	3.817	3.974	4.034	5.67
74)	T	N-amyl acetate	1.387	1.612	1.497	1.408	1.379	1.499	1.464	6.16
75)	P	1,1,2,2-Tetrac...	1.118	1.296	1.212	1.131	1.113	1.155	1.171	6.09
76)	T	1,2,3-Trichlor...	1.073	1.131	1.065	0.992	0.880	0.985	1.021	8.61
77)	T	Bromobenzene	0.790	0.968	0.862	0.832	0.932	0.974	0.893	8.51
78)	T	n-propylbenzene	4.368	5.040	4.686	4.406	4.357	4.519	4.563	5.79
79)	T	2-Chlorotoluene	2.647	3.049	2.842	2.679	2.621	2.702	2.757	5.90
80)	T	1,3,5-Trimethy...	2.970	3.575	3.361	3.221	3.189	3.296	3.269	6.14
81)	T	trans-1,4-Dich...	0.302	0.291	0.298	0.326	0.367	0.317		9.82
82)	T	4-Chlorotoluene	2.559	3.033	2.812	2.629	2.621	2.713	2.728	6.34
83)	T	tert-Butylbenzene	2.551	2.985	2.865	2.709	2.749	2.867	2.788	5.44
84)	T	1,2,4-Trimethy...	2.898	3.424	3.274	3.146	3.185	3.291	3.203	5.56
85)	T	sec-Butylbenzene	3.665	4.215	3.960	3.710	3.724	3.873	3.858	5.37
86)	T	p-Isopropyltol...	2.735	3.368	3.135	2.992	3.142	3.308	3.113	7.35
87)	T	1,3-Dichlorobe...	1.543	1.702	1.625	1.564	1.722	1.783	1.656	5.71
88)	T	1,4-Dichlorobe...	1.729	1.783	1.644	1.571	1.698	1.751	1.696	4.56
89)	T	n-Butylbenzene	2.546	2.933	2.706	2.543	2.573	2.722	2.670	5.66
90)	T	Hexachloroethane	0.408	0.547	0.516	0.494	0.539	0.598	0.517	12.30
91)	T	1,2-Dichlorobe...	1.443	1.711	1.545	1.527	1.671	1.697	1.599	6.83
92)	T	1,2-Dibromo-3-...	0.179	0.198	0.211	0.207	0.204	0.221	0.203	6.86
93)	T	1,2,4-Trichlor...	0.544	0.649	0.621	0.664	0.779	0.873	0.688	17.18
94)	T	Hexachlorobuta...	0.271	0.359	0.331	0.316	0.361	0.376	0.336	11.48
95)	T	Naphthalene	1.522	1.524	1.795	1.954	2.262	2.582	1.940	21.68
96)	T	1,2,3-Trichlor...	0.528	0.627	0.620	0.632	0.744	0.837	0.665	16.36

(#) = Out of Range