

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y041221S.M
 Title : SW846 8260
 Last Update : Tue Apr 13 03:23:33 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY004376.D 10 =VY004377.D 20 =VY004378.D 50 =VY004379.D 100 =VY004380.D 150 =VY004381.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.508	0.472	0.435	0.481	0.455	0.428	0.463	6.51
3) P	Chloromethane	0.769	0.698	0.628	0.657	0.640	0.628	0.670	8.23
4) C	Vinyl Chloride	0.799	0.754	0.696	0.703	0.653	0.641	0.707	8.49#
5) T	Bromomethane	0.372	0.365	0.339	0.341	0.331	0.323	0.345	5.50
6) T	Chloroethane	0.423	0.431	0.419	0.436	0.423	0.413	0.424	1.94
7) T	Trichlorofluor...	0.929	0.928	0.866	0.903	0.864	0.819	0.885	4.87
8) T	Diethyl Ether	0.318	0.315	0.282	0.293	0.303	0.284	0.299	5.14
9) T	1,1,2-Trichlor...	0.519	0.501	0.483	0.505	0.480	0.457	0.491	4.52
10) T	Methyl Iodide	0.617	0.600	0.561	0.596	0.577	0.574	0.587	3.49
11) T	Tert butyl alc...	0.065	0.063	0.050	0.049	0.056	0.046	0.055	14.42
12) CM	1,1-Dichloroet...	0.503	0.506	0.478	0.493	0.473	0.460	0.485	3.73#
13) T	Acrolein	0.059	0.074	0.058	0.057	0.062	0.056	0.061	11.29
14) T	Allyl chloride	0.969	0.963	0.897	0.917	0.917	0.907	0.928	3.25
15) T	Acrylonitrile	0.167	0.174	0.150	0.152	0.169	0.151	0.160	6.76
16) T	Acetone	0.172	0.155	0.123	0.114	0.125	0.107	0.133	18.85
17) T	Carbon Disulfide	1.585	1.595	1.481	1.534	1.407	1.364	1.494	6.32
18) T	Methyl Acetate	0.434	0.419	0.353	0.353	0.402	0.360	0.387	9.35
19) T	Methyl tert-bu...	1.504	1.525	1.387	1.427	1.506	1.402	1.458	4.10
20) T	Methylene Chlo...	0.573	0.565	0.521	0.527	0.522	0.511	0.537	4.79
21) T	trans-1,2-Dich...	0.559	0.562	0.530	0.560	0.547	0.537	0.549	2.42
22) T	Diisopropyl ether	1.891	1.997	1.864	1.974	2.046	2.001	1.962	3.57
23) T	Vinyl Acetate	1.291	1.397	1.265	1.320	1.422	1.319	1.336	4.59
24) P	1,1-Dichloroet...	1.010	1.032	0.973	1.019	0.996	0.985	1.002	2.21
25) T	2-Butanone	0.207	0.237	0.198	0.201	0.230	0.196	0.212	8.37
26) T	2,2-Dichloropr...	0.907	0.930	0.883	0.919	0.886	0.871	0.899	2.52
27) T	cis-1,2-Dichlo...	0.618	0.639	0.601	0.619	0.607	0.602	0.614	2.31
28) T	Bromochloromet...	0.424	0.419	0.409	0.484	0.520	0.476	0.456	9.73
29) T	Tetrahydrofuran	0.157	0.165	0.139	0.141	0.163	0.142	0.151	7.80
30) C	Chloroform	0.981	1.036	0.966	0.995	0.974	0.958	0.985	2.82#
31) T	Cyclohexane	1.207	1.079	0.964	0.993	0.959	0.907	1.018	10.66
32) T	1,1,1-Trichlor...	0.898	0.927	0.891	0.911	0.880	0.855	0.894	2.81
33) S	1,2-Dichloroet...	0.534	0.531	0.521	0.579	0.602	0.568	0.556	5.76
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.288	0.278	0.270	0.296	0.273	0.260	0.277	4.60
36) T	1,1-Dichloropr...	0.501	0.521	0.499	0.510	0.483	0.467	0.497	3.82
37) T	Ethyl Acetate	0.348	0.357	0.298	0.300	0.329	0.288	0.320	9.02
38) T	Carbon Tetrach...	0.389	0.421	0.425	0.458	0.446	0.438	0.430	5.56
39) T	Methylcyclohexane	0.613	0.638	0.607	0.640	0.605	0.566	0.612	4.39
40) TM	Benzene	1.386	1.460	1.382	1.417	1.375	1.358	1.396	2.63
41) T	Methacrylonitrile	0.215	0.202	0.176	0.204	0.194	0.172	0.194	8.60
42) TM	1,2-Dichloroet...	0.448	0.474	0.431	0.432	0.435	0.409	0.438	4.94
43) T	Isopropyl Acetate	0.617	0.656	0.566	0.590	0.642	0.569	0.607	6.21
44) TM	Trichloroethene	0.386	0.404	0.377	0.392	0.368	0.357	0.381	4.39
45) C	1,2-Dichloropr...	0.359	0.377	0.354	0.367	0.357	0.349	0.360	2.78#
46) T	Dibromomethane	0.200	0.211	0.190	0.194	0.196	0.186	0.196	4.44
47) T	Bromodichlorom...	0.469	0.495	0.467	0.484	0.471	0.463	0.475	2.54
48) T	Methyl methacr...	0.267	0.302	0.264	0.275	0.299	0.268	0.279	6.11
49) T	1,4-Dioxane	0.003	0.003	0.002	0.002	0.003	0.002	0.003	9.47
50) S	Toluene-d8	1.102	1.126	1.082	1.265	1.258	1.249	1.180	7.27
51) T	4-Methyl-2-Pen...	0.308	0.344	0.294	0.298	0.338	0.288	0.312	7.62
52) CM	Toluene	0.941	0.935	0.871	0.914	0.888	0.872	0.904	3.44#
53) T	t-1,3-Dichloro...	0.508	0.559	0.511	0.523	0.537	0.505	0.524	3.94
54) T	cis-1,3-Dichlo...	0.598	0.628	0.576	0.600	0.593	0.575	0.595	3.26
55) T	1,1,2-Trichlor...	0.271	0.285	0.267	0.265	0.277	0.257	0.270	3.58
56) T	Ethyl methacry...	0.369	0.406	0.369	0.391	0.427	0.390	0.392	5.75

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57)	T	1,3-Dichloropr...	0.492	0.509	0.473	0.476	0.488	0.457	0.482	3.72
58)	T	2-Chloroethyl ...	0.188	0.177	0.189	0.208	0.226	0.215	0.201	9.38
59)	T	2-Hexanone	0.204	0.227	0.196	0.201	0.232	0.193	0.209	7.94
60)	T	Dibromochlorom...	0.313	0.339	0.308	0.324	0.331	0.311	0.321	3.86
61)	T	1,2-Dibromoethane	0.262	0.279	0.249	0.259	0.268	0.247	0.261	4.58
62)	S	4-Bromofluorob...	0.398	0.379	0.364	0.420	0.427	0.414	0.401	6.20
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.464	0.466	0.435	0.442	0.412	0.392	0.435	6.69
65)	PM	Chlorobenzene	1.029	1.076	1.006	1.024	1.003	0.984	1.020	3.10
66)	T	1,1,1,2-Tetrac...	0.360	0.380	0.350	0.371	0.366	0.357	0.364	2.87
67)	C	Ethyl Benzene	1.898	1.980	1.855	1.953	1.898	1.871	1.909	2.52#
68)	T	m/p-Xylenes	0.699	0.734	0.691	0.728	0.708	0.696	0.709	2.50
69)	T	o-Xylene	0.652	0.689	0.649	0.681	0.664	0.653	0.665	2.52
70)	T	Styrene	1.012	1.114	1.062	1.146	1.150	1.124	1.101	4.92
71)	P	Bromoform	0.212	0.233	0.202	0.213	0.228	0.209	0.216	5.39
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.941	4.020	3.814	4.016	3.722	3.669	3.864	3.91
74)	T	N-amyl acetate	1.268	1.428	1.233	1.295	1.370	1.212	1.301	6.38
75)	P	1,1,2,2-Tetrac...	0.750	0.799	0.696	0.714	0.742	0.685	0.731	5.69
76)	T	1,2,3-Trichlor...	0.466	0.602	0.536	0.544	0.560	0.512	0.537	8.56
77)	T	Bromobenzene	0.894	0.926	0.872	0.859	0.835	0.810	0.866	4.75
78)	T	n-propylbenzene	4.552	4.751	4.536	4.771	4.442	4.334	4.564	3.75
79)	T	2-Chlorotoluene	2.503	2.602	2.482	2.571	2.424	2.395	2.496	3.22
80)	T	1,3,5-Trimethy...	3.079	3.308	3.159	3.270	3.051	2.975	3.140	4.14
81)	T	trans-1,4-Dich...	0.315	0.325	0.287	0.288	0.305	0.280	0.300	5.97
82)	T	4-Chlorotoluene	2.642	2.786	2.602	2.707	2.553	2.526	2.636	3.71
83)	T	tert-Butylbenzene	2.700	2.822	2.682	2.805	2.594	2.524	2.688	4.32
84)	T	1,2,4-Trimethy...	3.220	3.323	3.179	3.262	3.040	2.991	3.169	4.07
85)	T	sec-Butylbenzene	3.793	3.870	3.769	3.934	3.629	3.501	3.749	4.25
86)	T	p-Isopropyltol...	3.427	3.538	3.412	3.561	3.304	3.220	3.411	3.87
87)	T	1,3-Dichlorobe...	1.661	1.675	1.627	1.643	1.563	1.537	1.618	3.42
88)	T	1,4-Dichlorobe...	1.715	1.744	1.609	1.640	1.552	1.510	1.628	5.58
89)	T	n-Butylbenzene	3.342	3.312	3.276	3.403	3.151	3.048	3.255	4.04
90)	T	Hexachloroethane	0.416	0.437	0.433	0.479	0.483	0.498	0.458	7.26
91)	T	1,2-Dichlorobe...	1.488	1.509	1.416	1.444	1.396	1.363	1.436	3.87
92)	T	1,2-Dibromo-3-...	0.147	0.151	0.123	0.120	0.130	0.115	0.131	11.40
93)	T	1,2,4-Trichlor...	1.053	1.001	0.897	0.936	0.919	0.891	0.949	6.76
94)	T	Hexachlorobuta...	0.544	0.515	0.503	0.516	0.452	0.444	0.496	7.93
95)	T	Naphthalene	2.255	2.220	1.884	1.958	2.121	1.944	2.064	7.56
96)	T	1,2,3-Trichlor...	0.950	0.886	0.786	0.809	0.816	0.779	0.838	8.01

(#) = Out of Range