

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y022122S.M
 Title : SW846 8260
 Last Update : Mon Feb 21 15:25:36 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY007562.D 10 =VY007563.D 20 =VY007564.D 50 =VY007565.D 100 =VY007568.D 150 =VY007567.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.568	0.702	0.694	0.561	0.625	0.569	0.620	10.46
3) P	Chloromethane	0.534	0.565	0.585	0.446	0.490	0.467	0.515	10.80
4) C	Vinyl Chloride	0.569	0.597	0.612	0.483	0.513	0.461	0.539	11.61#
5) T	Bromomethane	0.482	0.462	0.429	0.358	0.360	0.293	0.397	18.21
6) T	Chloroethane	0.334	0.376	0.375	0.309	0.326	0.288	0.335	10.63
7) T	Trichlorofluor...	1.032	1.257	1.292	1.119	1.228	1.148	1.179	8.27
8) T	Diethyl Ether	0.323	0.303	0.331	0.267	0.284	0.292	0.300	8.00
9) T	1,1,2-Trichlor...	0.564	0.600	0.650	0.546	0.591	0.525	0.579	7.67
10) T	Methyl Iodide	0.646	0.678	0.733	0.694	0.708	0.691	0.692	4.25
11) T	Tert butyl alc...	0.049	0.044	0.050	0.040	0.044	0.048	0.046	8.65
12) CM	1,1-Dichloroet...	0.517	0.558	0.576	0.477	0.521	0.470	0.520	8.15#
13) T	Acrolein	0.042	0.039	0.048	0.023	0.024	0.026	0.034	31.35
14) T	Allyl chloride	0.594	0.612	0.623	0.498	0.524	0.511	0.560	9.85
15) T	Acrylonitrile	0.132	0.116	0.130	0.100	0.104	0.109	0.115	11.76
16) T	Acetone	0.128	0.113	0.126	0.107	0.131	0.128	0.122	8.04
17) T	Carbon Disulfide	1.461	1.512	1.528	1.217	1.296	1.184	1.366	11.19
18) T	Methyl Acetate	0.371	0.256	0.304	0.206	0.224	0.240	0.267	22.91
19) T	Methyl tert-bu...	1.586	1.519	1.610	1.288	1.341	1.375	1.453	9.35
20) T	Methylene Chlo...	0.802	0.641	0.634	0.492	0.508	0.487	0.594	20.77
21) T	trans-1,2-Dich...	0.611	0.579	0.608	0.480	0.501	0.462	0.540	12.38
22) T	Diisopropyl ether	1.367	1.294	1.308	0.948	0.922	0.975	1.136	18.25
23) T	Vinyl Acetate	0.826	0.819	0.890	0.673	0.672	0.716	0.766	11.90
24) P	1,1-Dichloroet...	0.905	0.930	0.938	0.767	0.783	0.754	0.846	10.25
25) T	2-Butanone	0.160	0.136	0.155	0.118	0.130	0.135	0.139	11.38
26) T	2,2-Dichloropr...	0.949	1.004	1.021	0.874	0.909	0.853	0.935	7.32
27) T	cis-1,2-Dichlo...	0.692	0.659	0.667	0.556	0.564	0.541	0.613	10.85
28) T	Bromochloromet...	0.343	0.303	0.304	0.243	0.257	0.267	0.286	12.98
29) T	Tetrahydrofuran	0.093	0.081	0.095	0.068	0.068	0.076	0.080	14.88
30) C	Chloroform	1.146	1.106	1.164	0.963	0.938	0.927	1.041	10.51#
31) T	Cyclohexane	0.921	0.857	0.823	0.622	0.608	0.574	0.734	20.40
32) T	1,1,1-Trichlor...	0.971	1.152	1.164	0.959	0.986	0.930	1.027	10.06
33) S	1,2-Dichloroet...	0.562	0.500	0.574	0.469	0.493	0.509	0.518	7.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.306	0.309	0.366	0.312	0.315	0.294	0.317	7.92
36) T	1,1-Dichloropr...	0.460	0.528	0.521	0.430	0.431	0.409	0.463	10.84
37) T	Ethyl Acetate	0.197	0.193	0.220	0.166	0.172	0.187	0.189	10.21
38) T	Carbon Tetrach...	0.595	0.678	0.681	0.587	0.625	0.578	0.624	7.38
39) T	Methylcyclohexane	0.606	0.638	0.653	0.535	0.554	0.524	0.585	9.35
40) TM	Benzene	1.298	1.367	1.367	1.119	1.163	1.133	1.241	9.35
41) T	Methacrylonitrile	0.139	0.104	0.121	0.079	0.090	0.074	0.101	25.06
42) TM	1,2-Dichloroet...	0.475	0.457	0.465	0.384	0.406	0.414	0.433	8.57
43) T	Isopropyl Acetate	0.425	0.399	0.433	0.346	0.360	0.392	0.393	8.77
44) TM	Trichloroethene	0.396	0.443	0.443	0.376	0.383	0.364	0.401	8.53
45) C	1,2-Dichloropr...	0.309	0.305	0.313	0.257	0.257	0.268	0.285	9.42#
46) T	Dibromomethane	0.218	0.215	0.236	0.194	0.201	0.207	0.212	7.07
47) T	Bromodichlorom...	0.498	0.528	0.549	0.475	0.483	0.481	0.502	5.93
48) T	Methyl methacr...	0.192	0.178	0.178	0.142	0.159	0.164	0.169	10.59
49) T	1,4-Dioxane	0.003	0.002	0.003	0.002	0.002	0.002	0.002	14.10
50) S	Toluene-d8	1.029	1.118	1.270	1.068	1.107	1.003	1.099	8.60
51) T	4-Methyl-2-Pen...	0.206	0.200	0.216	0.168	0.179	0.191	0.193	9.11
52) CM	Toluene	0.899	0.941	0.917	0.768	0.803	0.778	0.851	8.99#
53) T	t-1,3-Dichloro...	0.531	0.548	0.564	0.451	0.485	0.495	0.512	8.33
54) T	cis-1,3-Dichlo...	0.579	0.597	0.603	0.499	0.507	0.514	0.550	8.81
55) T	1,1,2-Trichlor...	0.309	0.298	0.319	0.244	0.252	0.259	0.280	11.47
56) T	Ethyl methacry...	0.356	0.355	0.388	0.308	0.321	0.339	0.344	8.28

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57)	T	1,3-Dichloropr...	0.501	0.474	0.501	0.401	0.410	0.424	0.452	10.11
58)	T	2-Chloroethyl ...	0.185	0.166	0.183	0.153	0.157	0.167	0.168	7.69
59)	T	2-Hexanone	0.143	0.140	0.154	0.121	0.136	0.142	0.139	7.66
60)	T	Dibromochlorom...	0.393	0.392	0.412	0.355	0.371	0.382	0.384	5.09
61)	T	1,2-Dibromoethane	0.305	0.284	0.310	0.255	0.262	0.274	0.282	7.87
62)	S	4-Bromofluorob...	0.439	0.416	0.446	0.355	0.368	0.365	0.398	10.11
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.414	0.449	0.441	0.381	0.384	0.344	0.402	9.92
65)	PM	Chlorobenzene	1.100	1.117	1.107	0.965	1.016	0.951	1.043	7.19
66)	T	1,1,1,2-Tetrac...	0.434	0.446	0.435	0.390	0.415	0.406	0.421	5.01
67)	C	Ethyl Benzene	1.895	1.983	1.964	1.733	1.839	1.731	1.858	5.92#
68)	T	m/p-Xylenes	0.720	0.769	0.733	0.656	0.705	0.661	0.707	6.11
69)	T	o-Xylene	0.656	0.733	0.721	0.631	0.669	0.636	0.674	6.43
70)	T	Styrene	1.146	1.192	1.196	1.037	1.101	1.069	1.123	5.82
71)	P	Bromoform	0.266	0.265	0.276	0.237	0.256	0.262	0.260	5.11
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	4.048	4.399	4.318	3.828	3.714	3.439	3.958	9.31
74)	T	N-amyl acetate	0.793	0.766	0.824	0.718	0.733	0.773	0.768	5.06
75)	P	1,1,2,2-Tetrac...	0.751	0.731	0.760	0.620	0.613	0.635	0.685	10.06
76)	T	1,2,3-Trichlor...	0.646	0.601	0.685	0.500	0.492	0.589	0.585	13.19
77)	T	Bromobenzene	1.032	0.963	1.021	0.869	0.852	0.836	0.929	9.43
78)	T	n-propylbenzene	4.622	5.143	5.007	4.424	4.371	4.113	4.613	8.57
79)	T	2-Chlorotoluene	2.721	2.851	2.800	2.431	2.400	2.295	2.583	9.13
80)	T	1,3,5-Trimethy...	3.340	3.641	3.554	3.225	3.159	2.987	3.318	7.43
81)	T	trans-1,4-Dich...	0.253	0.244	0.256	0.218	0.223	0.239	0.239	6.49
82)	T	4-Chlorotoluene	2.850	2.908	2.809	2.510	2.498	2.394	2.661	8.22
83)	T	tert-Butylbenzene	2.909	3.231	3.226	2.896	2.813	2.648	2.954	7.86
84)	T	1,2,4-Trimethy...	3.323	3.494	3.471	3.197	3.102	2.977	3.261	6.32
85)	T	sec-Butylbenzene	4.234	4.685	4.598	4.177	4.076	3.824	4.265	7.61
86)	T	p-Isopropyltol...	3.520	3.900	3.904	3.504	3.481	3.244	3.592	7.25
87)	T	1,3-Dichlorobe...	1.861	1.918	1.850	1.676	1.669	1.602	1.763	7.33
88)	T	1,4-Dichlorobe...	1.905	1.861	1.825	1.678	1.643	1.624	1.756	6.94
89)	T	n-Butylbenzene	3.166	3.602	3.512	3.258	3.185	2.963	3.281	7.22
90)	T	Hexachloroethane	0.673	0.778	0.745	0.715	0.695	0.662	0.711	6.20
91)	T	1,2-Dichlorobe...	1.706	1.686	1.667	1.504	1.462	1.435	1.577	7.79
92)	T	1,2-Dibromo-3-...	0.118	0.113	0.150	0.121	0.127	0.138	0.128	10.90
93)	T	1,2,4-Trichlor...	1.040	1.037	1.113	1.018	1.005	1.005	1.036	3.92
94)	T	Hexachlorobuta...	0.565	0.684	0.692	0.625	0.606	0.577	0.625	8.53
95)	T	Naphthalene	2.292	2.000	2.357	2.035	2.058	2.211	2.159	6.87
96)	T	1,2,3-Trichlor...	0.970	0.930	0.993	0.874	0.867	0.877	0.919	5.87

(#) = Out of Range