

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y010822S.M
 Title : SW846 8260
 Last Update : Mon Jan 10 03:27:50 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY007069.D 10 =VY007070.D 20 =VY007071.D 50 =VY007072.D 100 =VY007073.D 150 =VY007074.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.147	0.165	0.150	0.183	0.190	0.202	0.173	13.08
3) P	Chloromethane	0.432	0.360	0.337	0.341	0.347	0.355	0.362	9.74
4) C	Vinyl Chloride	0.553	0.533	0.514	0.532	0.515	0.505	0.525	3.32#
5) T	Bromomethane	0.388	0.355	0.325	0.360	0.347	0.319	0.349	7.20
6) T	Chloroethane	0.332	0.324	0.309	0.332	0.322	0.313	0.322	2.94
7) T	Trichlorofluor...	0.629	0.655	0.611	0.658	0.655	0.652	0.643	2.96
8) T	Diethyl Ether	0.338	0.318	0.315	0.317	0.299	0.298	0.314	4.77
9) T	1,1,2-Trichlor...	0.599	0.560	0.536	0.557	0.537	0.527	0.553	4.71
10) T	Methyl Iodide	0.912	0.877	0.827	0.872	0.834	0.814	0.856	4.34
11) T	Tert butyl alc...	0.055	0.051	0.049	0.048	0.042	0.041	0.048	10.99
12) CM	1,1-Dichloroet...	0.621	0.572	0.560	0.572	0.560	0.546	0.572	4.56#
13) T	Acrolein	0.022	0.018	0.018	0.014	0.013	0.013	0.016	22.29
14) T	Allyl chloride	0.955	0.878	0.843	0.876	0.840	0.819	0.868	5.51
15) T	Acrylonitrile	0.147	0.148	0.147	0.151	0.137	0.137	0.144	4.20
16) T	Acetone	0.122	0.114	0.109	0.111	0.105	0.112	0.112	5.18
17) T	Carbon Disulfide	1.780	1.666	1.575	1.652	1.594	1.558	1.637	4.99
18) T	Methyl Acetate	0.591	0.559	0.545	0.486	0.451	0.456	0.515	11.34
19) T	Methyl tert-bu...	1.319	1.211	1.137	1.154	1.021	0.974	1.136	11.06
20) T	Methylene Chlo...	0.916	0.745	0.637	0.618	0.575	0.555	0.674	20.12
21) T	trans-1,2-Dich...	0.689	0.637	0.602	0.613	0.585	0.574	0.617	6.74
22) T	Diisopropyl ether	1.920	1.875	1.753	1.784	1.660	1.605	1.766	6.87
23) T	Vinyl Acetate	1.075	1.010	1.001	1.074	0.991	0.985	1.023	3.99
24) P	1,1-Dichloroet...	1.158	1.102	1.064	1.090	1.039	1.011	1.078	4.78
25) T	2-Butanone	0.189	0.180	0.177	0.172	0.159	0.164	0.173	6.28
26) T	2,2-Dichloropr...	1.019	0.885	0.814	0.827	0.758	0.713	0.836	12.86
27) T	cis-1,2-Dichlo...	0.752	0.721	0.683	0.698	0.665	0.644	0.694	5.62
28) T	Bromochloromet...	0.431	0.360	0.356	0.459	0.409	0.399	0.402	10.01
29) T	Tetrahydrofuran	0.135	0.127	0.126	0.128	0.114	0.116	0.124	6.38
30) C	Chloroform	1.229	1.180	1.113	1.147	1.081	1.057	1.135	5.66#
31) T	Cyclohexane	1.254	1.083	0.999	0.990	0.940	0.911	1.030	12.11
32) T	1,1,1-Trichlor...	1.090	1.017	0.960	0.995	0.949	0.909	0.987	6.37
33) S	1,2-Dichloroet...	0.684	0.663	0.614	0.567	0.534	0.527	0.598	11.07
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.376	0.358	0.343	0.318	0.309	0.296	0.333	9.22
36) T	1,1-Dichloropr...	0.562	0.531	0.523	0.537	0.515	0.500	0.528	4.02
37) T	Ethyl Acetate	0.279	0.267	0.254	0.265	0.243	0.243	0.258	5.55
38) T	Carbon Tetrach...	0.594	0.556	0.538	0.555	0.540	0.526	0.552	4.28
39) T	Methylcyclohexane	0.702	0.664	0.647	0.669	0.647	0.632	0.660	3.71
40) TM	Benzene	1.546	1.437	1.394	1.437	1.376	1.341	1.422	5.00
41) T	Methacrylonitrile	0.159	0.153	0.131	0.139	0.150	0.150	0.147	7.06
42) TM	1,2-Dichloroet...	0.464	0.443	0.429	0.442	0.415	0.412	0.434	4.52
43) T	Isopropyl Acetate	0.535	0.500	0.496	0.515	0.480	0.483	0.501	4.19
44) TM	Trichloroethene	0.436	0.395	0.384	0.393	0.383	0.369	0.393	5.77
45) C	1,2-Dichloropr...	0.379	0.358	0.345	0.353	0.343	0.333	0.352	4.51#
46) T	Dibromomethane	0.232	0.212	0.206	0.213	0.198	0.197	0.210	6.16
47) T	Bromodichlorom...	0.574	0.534	0.510	0.529	0.507	0.491	0.524	5.53
48) T	Methyl methacr...	0.225	0.223	0.223	0.239	0.222	0.225	0.226	2.77
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.68
50) S	Toluene-d8	1.389	1.327	1.281	1.168	1.135	1.085	1.231	9.69
51) T	4-Methyl-2-Pen...	0.250	0.247	0.252	0.258	0.236	0.239	0.247	3.30
52) CM	Toluene	0.988	0.911	0.889	0.908	0.880	0.854	0.905	5.01#
53) T	t-1,3-Dichloro...	0.575	0.553	0.543	0.562	0.530	0.523	0.548	3.57
54) T	cis-1,3-Dichlo...	0.660	0.627	0.609	0.629	0.598	0.583	0.618	4.38
55) T	1,1,2-Trichlor...	0.309	0.291	0.282	0.289	0.272	0.268	0.285	5.22
56) T	Ethyl methacry...	0.414	0.393	0.406	0.416	0.389	0.386	0.401	3.30

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57)	T	1,3-Dichloropr...	0.541	0.504	0.502	0.507	0.479	0.469	0.500	5.04
58)	T	2-Chloroethyl ...	0.210	0.188	0.188	0.181	0.166	0.164	0.183	9.20
59)	T	2-Hexanone	0.161	0.161	0.167	0.166	0.152	0.154	0.160	3.92
60)	T	Dibromochlorom...	0.383	0.361	0.351	0.361	0.342	0.337	0.356	4.63
61)	T	1,2-Dibromoethane	0.314	0.288	0.285	0.287	0.271	0.267	0.285	5.76
62)	S	4-Bromofluorob...	0.527	0.490	0.464	0.415	0.394	0.374	0.444	13.44
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.378	0.362	0.353	0.358	0.345	0.344	0.357	3.53
65)	PM	Chlorobenzene	1.145	1.100	1.064	1.092	1.043	1.010	1.076	4.40
66)	T	1,1,1,2-Tetrac...	0.433	0.396	0.395	0.403	0.388	0.376	0.398	4.84
67)	C	Ethyl Benzene	2.166	2.029	1.995	2.049	1.972	1.915	2.021	4.22#
68)	T	m/p-Xylenes	0.815	0.761	0.744	0.762	0.740	0.713	0.756	4.53
69)	T	o-Xylene	0.756	0.720	0.702	0.718	0.686	0.667	0.708	4.39
70)	T	Styrene	1.253	1.212	1.175	1.233	1.177	1.129	1.196	3.76
71)	P	Bromoform	0.238	0.225	0.229	0.235	0.222	0.219	0.228	3.24
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	4.484	4.277	4.181	4.311	4.239	4.034	4.254	3.50
74)	T	N-amyl acetate	1.112	1.060	1.082	1.124	1.068	1.052	1.083	2.71
75)	P	1,1,2,2-Tetrac...	0.864	0.815	0.811	0.834	0.778	0.767	0.811	4.39
76)	T	1,2,3-Trichlor...	0.632	0.559	0.563	0.577	0.555	0.538	0.571	5.72
77)	T	Bromobenzene	1.039	0.947	0.889	0.956	0.920	0.887	0.940	6.00
78)	T	n-propylbenzene	5.475	5.221	5.112	5.302	5.170	4.906	5.197	3.66
79)	T	2-Chlorotoluene	3.184	2.970	2.920	2.993	2.916	2.759	2.957	4.67
80)	T	1,3,5-Trimethy...	3.720	3.504	3.459	3.557	3.449	3.309	3.500	3.88
81)	T	trans-1,4-Dich...	0.313	0.289	0.317	0.315	0.297	0.293	0.304	4.03
82)	T	4-Chlorotoluene	3.241	3.090	2.981	3.126	3.013	2.866	3.053	4.24
83)	T	tert-Butylbenzene	3.266	3.155	3.033	3.132	3.030	2.877	3.082	4.32
84)	T	1,2,4-Trimethy...	3.673	3.466	3.371	3.498	3.379	3.253	3.440	4.15
85)	T	sec-Butylbenzene	4.806	4.528	4.389	4.541	4.432	4.252	4.491	4.15
86)	T	p-Isopropyltol...	3.924	3.744	3.565	3.704	3.646	3.479	3.677	4.20
87)	T	1,3-Dichlorobe...	1.968	1.838	1.755	1.838	1.779	1.701	1.813	5.08
88)	T	1,4-Dichlorobe...	1.982	1.838	1.758	1.808	1.768	1.679	1.805	5.64
89)	T	n-Butylbenzene	3.770	3.636	3.486	3.640	3.558	3.429	3.586	3.41
90)	T	Hexachloroethane	0.795	0.720	0.698	0.739	0.726	0.693	0.729	5.08
91)	T	1,2-Dichlorobe...	1.712	1.605	1.546	1.609	1.565	1.515	1.592	4.32
92)	T	1,2-Dibromo-3-...	0.143	0.138	0.127	0.139	0.132	0.133	0.135	4.26
93)	T	1,2,4-Trichlor...	0.989	0.933	0.893	0.960	0.951	0.941	0.945	3.38
94)	T	Hexachlorobuta...	0.537	0.490	0.469	0.480	0.480	0.462	0.486	5.50
95)	T	Naphthalene	2.004	1.902	1.874	2.060	2.020	2.026	1.981	3.78
96)	T	1,2,3-Trichlor...	0.840	0.778	0.737	0.820	0.799	0.806	0.797	4.48

(#) = Out of Range