

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y040822S.M
 Title : SW846 8260
 Last Update : Fri Apr 08 16:02:50 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY008259.D 10 =VY008260.D 20 =VY008254.D 50 =VY008255.D 100 =VY008256.D 150 =VY008257.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.400	0.498	0.492	0.341	0.378	0.375	0.414	15.84
3) P	Chloromethane	0.549	0.696	0.636	0.453	0.465	0.425	0.537	20.42
4) C	Vinyl Chloride	0.676	0.868	0.851	0.614	0.665	0.600	0.712	16.54#
5) T	Bromomethane	0.708	0.867	0.735	0.497	0.541	0.518	0.644	23.02
6) T	Chloroethane	0.467	0.607	0.592	0.431	0.462	0.434	0.499	15.95
7) T	Trichlorofluor...	0.749	0.965	1.018	0.735	0.819	0.799	0.848	13.79
8) T	Diethyl Ether	0.311	0.375	0.337	0.264	0.277	0.274	0.306	14.12
9) T	1,1,2-Trichlor...	0.487	0.631	0.642	0.489	0.538	0.517	0.551	12.56
10) T	Methyl Iodide	0.317	0.463	0.651	0.561	0.653	0.631	0.546	24.44
11) T	Tert butyl alc...	0.058	0.061	0.056	0.043	0.041	0.041	0.050	18.24
12) CM	1,1-Dichloroet...	0.427	0.581	0.575	0.433	0.482	0.462	0.493	13.95#
13) T	Acrolein	0.037	0.034	0.031	0.045	0.046	0.045	0.040	16.20
14) T	Allyl chloride	0.576	0.757	0.754	0.592	0.609	0.573	0.644	13.61
15) T	Acrylonitrile	0.177	0.175	0.164	0.134	0.126	0.123	0.150	16.79
16) T	Acetone	0.131	0.131	0.122	0.104	0.099	0.091	0.113	15.19
17) T	Carbon Disulfide	1.183	1.523	1.579	1.118	1.235	1.168	1.301	15.24
18) T	Methyl Acetate	0.390	0.407	0.381	0.270	0.259	0.249	0.326	22.66
19) T	Methyl tert-bu...	1.544	1.803	1.658	1.381	1.383	1.362	1.522	11.85
20) T	Methylene Chlo...	1.149	1.037	0.821	0.564	0.560	0.533	0.777	34.50
21) T	trans-1,2-Dich...	0.524	0.717	0.675	0.526	0.561	0.542	0.591	14.20
22) T	Diisopropyl ether	1.463	1.829	1.744	1.410	1.387	1.278	1.518	14.32
23) T	Vinyl Acetate	1.006	1.154	1.096	0.918	0.888	0.841	0.984	12.53
24) P	1,1-Dichloroet...	0.905	1.165	1.103	0.886	0.921	0.868	0.975	12.95
25) T	2-Butanone	0.203	0.207	0.200	0.157	0.149	0.143	0.177	16.90
26) T	2,2-Dichloropr...	0.771	1.014	1.016	0.835	0.896	0.854	0.898	11.07
27) T	cis-1,2-Dichlo...	0.626	0.822	0.792	0.641	0.671	0.654	0.701	11.96
28) T	Bromochloromet...	0.349	0.401	0.363	0.388	0.378	0.362	0.374	5.12
29) T	Tetrahydrofuran	0.133	0.135	0.128	0.102	0.095	0.092	0.114	17.39
30) C	Chloroform	1.039	1.260	1.225	0.990	1.026	0.991	1.088	11.15#
31) T	Cyclohexane	0.894	1.036	0.987	0.725	0.758	0.696	0.849	16.94
32) T	1,1,1-Trichlor...	0.833	1.062	1.084	0.879	0.949	0.905	0.952	10.64
33) S	1,2-Dichloroet...	0.463	0.586	0.502	0.414	0.437	0.416	0.470	14.02
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.228	0.338	0.299	0.270	0.304	0.293	0.289	12.82
36) T	1,1-Dichloropr...	0.410	0.499	0.519	0.430	0.468	0.441	0.461	9.12
37) T	Ethyl Acetate	0.273	0.279	0.250	0.217	0.206	0.202	0.238	14.30
38) T	Carbon Tetrach...	0.412	0.502	0.543	0.468	0.535	0.518	0.496	9.92
39) T	Methylcyclohexane	0.495	0.646	0.684	0.551	0.610	0.573	0.593	11.47
40) TM	Benzene	1.237	1.553	1.542	1.272	1.353	1.283	1.373	10.21
41) T	Methacrylonitrile	0.147	0.127	0.155	0.129	0.112	0.129	0.133	11.60
42) TM	1,2-Dichloroet...	0.401	0.451	0.431	0.370	0.377	0.360	0.398	9.11
43) T	Isopropyl Acetate	0.481	0.495	0.479	0.404	0.401	0.389	0.441	10.95
44) TM	Trichloroethene	0.337	0.420	0.425	0.366	0.406	0.394	0.391	8.65
45) C	1,2-Dichloropr...	0.323	0.373	0.374	0.314	0.322	0.307	0.335	8.91#
46) T	Dibromomethane	0.219	0.246	0.239	0.207	0.214	0.208	0.222	7.44
47) T	Bromodichlorom...	0.468	0.535	0.540	0.471	0.497	0.485	0.499	6.28
48) T	Methyl methacr...	0.212	0.206	0.201	0.169	0.172	0.166	0.188	11.16
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.27
50) S	Toluene-d8	0.732	1.143	1.042	0.931	1.077	1.004	0.988	14.62
51) T	4-Methyl-2-Pen...	0.255	0.253	0.253	0.209	0.202	0.195	0.228	12.62
52) CM	Toluene	0.808	0.974	1.019	0.854	0.913	0.861	0.905	8.81#
53) T	t-1,3-Dichloro...	0.469	0.560	0.543	0.482	0.504	0.495	0.509	7.00
54) T	cis-1,3-Dichlo...	0.530	0.623	0.618	0.545	0.577	0.552	0.574	6.78
55) T	1,1,2-Trichlor...	0.309	0.354	0.342	0.297	0.304	0.295	0.317	7.92
56) T	Ethyl methacry...	0.372	0.427	0.420	0.371	0.372	0.367	0.388	7.10

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57)	T	1,3-Dichloropr...	0.511	0.569	0.554	0.474	0.479	0.464	0.509	8.68
58)	T	2-Chloroethyl ...	0.170	0.169	0.160	0.139	0.141	0.138	0.153	9.91
59)	T	2-Hexanone	0.172	0.172	0.176	0.146	0.140	0.135	0.157	11.91
60)	T	Dibromochlorom...	0.333	0.384	0.386	0.356	0.380	0.381	0.370	5.75
61)	T	1,2-Dibromoethane	0.305	0.340	0.328	0.291	0.300	0.293	0.310	6.45
62)	S	4-Bromofluorob...	0.318	0.437	0.396	0.341	0.379	0.360	0.372	11.30
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.305	0.366	0.383	0.331	0.370	0.360	0.352	8.18
65)	PM	Chlorobenzene	1.001	1.156	1.160	1.031	1.099	1.058	1.084	6.05
66)	T	1,1,1,2-Tetrac...	0.345	0.414	0.419	0.395	0.430	0.425	0.405	7.78
67)	C	Ethyl Benzene	1.615	1.964	2.022	1.774	1.897	1.792	1.844	8.02#
68)	T	m/p-Xylenes	0.625	0.759	0.802	0.710	0.766	0.738	0.733	8.35
69)	T	o-Xylene	0.623	0.738	0.759	0.696	0.741	0.713	0.712	6.87
70)	T	Styrene	0.998	1.193	1.270	1.162	1.232	1.188	1.174	8.03
71)	P	Bromoform	0.215	0.235	0.243	0.240	0.263	0.268	0.244	8.03
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.342	3.879	4.136	3.520	3.811	3.616	3.717	7.61
74)	T	N-amyl acetate	0.897	0.887	0.903	0.740	0.716	0.700	0.807	12.12
75)	P	1,1,2,2-Tetrac...	0.854	0.872	0.875	0.728	0.705	0.686	0.787	11.37
76)	T	1,2,3-Trichlor...	0.595	0.570	0.655	0.547	0.436	0.514	0.553	13.46
77)	T	Bromobenzene	0.836	0.956	0.968	0.844	0.936	0.927	0.911	6.26
78)	T	n-propylbenzene	4.002	4.736	4.974	4.147	4.369	4.091	4.387	8.89
79)	T	2-Chlorotoluene	2.344	2.678	2.747	2.295	2.403	2.304	2.462	8.09
80)	T	1,3,5-Trimethy...	2.799	3.181	3.416	2.897	3.069	2.928	3.048	7.38
81)	T	trans-1,4-Dich...	0.259	0.248	0.274	0.234	0.236	0.232	0.247	6.78
82)	T	4-Chlorotoluene	2.464	2.758	2.811	2.365	2.445	2.337	2.530	8.05
83)	T	tert-Butylbenzene	2.350	2.894	3.021	2.607	2.824	2.712	2.735	8.65
84)	T	1,2,4-Trimethy...	2.728	3.171	3.380	2.877	3.025	2.918	3.017	7.68
85)	T	sec-Butylbenzene	3.644	4.331	4.562	3.866	4.061	3.861	4.054	8.37
86)	T	p-Isopropyltol...	2.906	3.502	3.741	3.277	3.509	3.365	3.383	8.33
87)	T	1,3-Dichlorobe...	1.684	1.843	1.923	1.726	1.849	1.800	1.804	4.84
88)	T	1,4-Dichlorobe...	1.688	1.877	1.917	1.694	1.796	1.741	1.786	5.35
89)	T	n-Butylbenzene	2.762	3.272	3.476	2.927	3.039	2.864	3.057	8.83
90)	T	Hexachloroethane	0.542	0.641	0.692	0.611	0.663	0.645	0.632	8.17
91)	T	1,2-Dichlorobe...	1.523	1.682	1.699	1.525	1.609	1.593	1.605	4.68
92)	T	1,2-Dibromo-3-...	0.118	0.122	0.120	0.105	0.105	0.106	0.113	7.26
93)	T	1,2,4-Trichlor...	0.899	0.978	0.966	0.867	0.984	1.002	0.949	5.65
94)	T	Hexachlorobuta...	0.429	0.478	0.507	0.438	0.517	0.522	0.482	8.45
95)	T	Naphthalene	2.098	2.054	2.049	1.856	2.050	2.094	2.034	4.41
96)	T	1,2,3-Trichlor...	0.814	0.851	0.836	0.750	0.856	0.879	0.831	5.42

(#) = Out of Range