

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y061522S.M
 Title : SW846 8260
 Last Update : Thu Jun 16 02:54:06 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009183.D 10 =VY009184.D 20 =VY009185.D 50 =VY009186.D 100 =VY009187.D 150 =VY009188.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.402	0.407	0.397	0.342	0.365	0.359	0.378	7.02
3) P	Chloromethane	0.518	0.517	0.511	0.445	0.423	0.399	0.469	11.31
4) C	Vinyl Chloride	0.536	0.541	0.514	0.484	0.456	0.421	0.492	9.62#
5) T	Bromomethane	0.397	0.385	0.344	0.328	0.321	0.300	0.346	11.04
6) T	Chloroethane	0.320	0.323	0.313	0.310	0.300	0.281	0.308	5.02
7) T	Trichlorofluor...	0.813	0.823	0.777	0.746	0.793	0.765	0.786	3.71
8) T	Diethyl Ether	0.294	0.279	0.296	0.296	0.312	0.313	0.298	4.29
9) T	1,1,2-Trichlor...	0.503	0.461	0.475	0.472	0.511	0.480	0.483	3.98
10) T	Methyl Iodide	0.509	0.571	0.616	0.649	0.680	0.680	0.618	10.91
11) T	Tert butyl alc...	0.117	0.085	0.109	0.058	0.072	0.057	0.083	30.83
12) CM	1,1-Dichloroet...	0.478	0.465	0.465	0.470	0.495	0.482	0.476	2.45#
13) T	Acrolein	0.021	0.021	0.022	0.013	0.014	0.013	0.017	26.33
14) T	Allyl chloride	0.889	0.854	0.837	0.878	0.877	0.816	0.859	3.26
15) T	Acrylonitrile	0.159	0.155	0.163	0.163	0.166	0.152	0.160	3.24
16) T	Acetone	0.140	0.130	0.128	0.120	0.146	0.125	0.132	7.22
17) T	Carbon Disulfide	1.209	1.393	1.409	1.387	1.463	1.404	1.377	6.29
18) T	Methyl Acetate	0.682	0.408	0.420	0.373	0.387	0.354	0.437	27.95
19) T	Methyl tert-bu...	1.432	1.347	1.430	1.455	1.506	1.443	1.436	3.58
20) T	Methylene Chlo...	0.926	0.718	0.641	0.585	0.583	0.567	0.670	20.50
21) T	trans-1,2-Dich...	0.548	0.534	0.544	0.582	0.582	0.555	0.557	3.66
22) T	Diisopropyl ether	1.847	1.793	1.843	1.813	1.666	1.660	1.770	4.84
23) T	Vinyl Acetate	0.937	1.115	1.178	1.202	1.137	1.114	1.114	8.38
24) P	1,1-Dichloroet...	1.031	0.977	0.998	1.018	1.015	0.964	1.000	2.58
25) T	2-Butanone	0.217	0.206	0.212	0.210	0.214	0.190	0.208	4.56
26) T	2,2-Dichloropr...	0.913	0.880	0.882	0.877	0.906	0.860	0.886	2.20
27) T	cis-1,2-Dichlo...	0.654	0.644	0.640	0.677	0.665	0.643	0.654	2.20
28) T	Bromochloromet...	0.477	0.423	0.419	0.447	0.405	0.402	0.429	6.65
29) T	Tetrahydrofuran	0.141	0.141	0.144	0.143	0.134	0.127	0.138	4.60
30) C	Chloroform	1.066	0.990	1.013	1.046	1.047	1.011	1.029	2.78#
31) T	Cyclohexane	1.034	1.015	0.936	0.938	0.886	0.805	0.936	9.01
32) T	1,1,1-Trichlor...	0.900	0.886	0.883	0.924	0.942	0.893	0.905	2.60
33) S	1,2-Dichloroet...	0.538	0.531	0.527	0.517	0.506	0.515	0.522	2.23
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.317	0.311	0.315	0.323	0.312	0.302	0.313	2.28
36) T	1,1-Dichloropr...	0.473	0.490	0.480	0.511	0.490	0.448	0.482	4.33
37) T	Ethyl Acetate	0.268	0.300	0.317	0.294	0.283	0.260	0.287	7.45
38) T	Carbon Tetrach...	0.476	0.484	0.499	0.518	0.527	0.486	0.499	4.07
39) T	Methylcyclohexane	0.536	0.576	0.602	0.623	0.608	0.543	0.581	6.15
40) TM	Benzene	1.428	1.384	1.433	1.466	1.420	1.318	1.408	3.66
41) T	Methacrylonitrile	0.177	0.147	0.159	0.186	0.153	0.140	0.160	11.03
42) TM	1,2-Dichloroet...	0.409	0.405	0.413	0.420	0.416	0.402	0.411	1.66
43) T	Isopropyl Acetate	0.535	0.516	0.553	0.546	0.536	0.498	0.531	3.84
44) TM	Trichloroethene	0.414	0.395	0.407	0.413	0.408	0.379	0.403	3.35
45) C	1,2-Dichloropr...	0.352	0.360	0.370	0.376	0.353	0.331	0.357	4.45#
46) T	Dibromomethane	0.207	0.197	0.212	0.215	0.208	0.194	0.205	4.07
47) T	Bromodichlorom...	0.494	0.468	0.489	0.509	0.498	0.478	0.489	2.94
48) T	Methyl methacr...	0.238	0.222	0.246	0.253	0.239	0.224	0.237	5.13
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	6.46
50) S	Toluene-d8	1.251	1.208	1.209	1.223	1.140	1.128	1.193	4.08
51) T	4-Methyl-2-Pen...	0.278	0.279	0.301	0.284	0.276	0.257	0.279	5.10
52) CM	Toluene	0.884	0.896	0.930	0.928	0.899	0.857	0.899	3.07#
53) T	t-1,3-Dichloro...	0.502	0.490	0.515	0.535	0.529	0.508	0.513	3.31
54) T	cis-1,3-Dichlo...	0.570	0.563	0.576	0.608	0.599	0.563	0.580	3.32
55) T	1,1,2-Trichlor...	0.293	0.282	0.297	0.307	0.289	0.276	0.291	3.80
56) T	Ethyl methacry...	0.337	0.378	0.417	0.422	0.416	0.393	0.394	8.27

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57)	T	1,3-Dichloropr...	0.491	0.483	0.517	0.520	0.499	0.467	0.496	4.14
58)	T	2-Chloroethyl ...	0.196	0.166	0.176	0.170	0.161	0.156	0.171	8.24
59)	T	2-Hexanone	0.182	0.193	0.205	0.194	0.196	0.179	0.192	5.03
60)	T	Dibromochlorom...	0.359	0.332	0.360	0.371	0.365	0.348	0.356	3.88
61)	T	1,2-Dibromoethane	0.274	0.267	0.291	0.301	0.290	0.276	0.283	4.51
62)	S	4-Bromofluorob...	0.460	0.418	0.441	0.423	0.402	0.401	0.424	5.40
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.479	0.471	0.476	0.485	0.463	0.405	0.463	6.34
65)	PM	Chlorobenzene	1.067	1.065	1.101	1.117	1.106	1.043	1.083	2.66
66)	T	1,1,1,2-Tetrac...	0.393	0.391	0.392	0.410	0.411	0.383	0.397	2.84
67)	C	Ethyl Benzene	1.840	1.846	1.917	1.961	1.953	1.823	1.890	3.24#
68)	T	m/p-Xylenes	0.716	0.746	0.764	0.769	0.767	0.708	0.745	3.60
69)	T	o-Xylene	0.670	0.680	0.724	0.734	0.738	0.690	0.706	4.17
70)	T	Styrene	1.117	1.149	1.198	1.222	1.252	1.169	1.184	4.18
71)	P	Bromoform	0.244	0.241	0.251	0.261	0.271	0.253	0.253	4.36
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.614	3.627	3.767	3.956	3.906	3.710	3.763	3.78
74)	T	N-amyl acetate	0.996	1.022	1.064	1.067	1.092	1.056	1.050	3.28
75)	P	1,1,2,2-Tetrac...	0.750	0.716	0.759	0.761	0.756	0.727	0.745	2.51
76)	T	1,2,3-Trichlor...	0.557	0.601	0.554	0.551	0.534	0.516	0.552	5.14
77)	T	Bromobenzene	0.934	0.879	0.939	0.961	0.932	0.902	0.925	3.16
78)	T	n-propylbenzene	4.354	4.493	4.641	4.780	4.681	4.370	4.553	3.83
79)	T	2-Chlorotoluene	2.525	2.457	2.601	2.664	2.617	2.529	2.565	2.93
80)	T	1,3,5-Trimethy...	3.005	3.082	3.198	3.295	3.234	3.057	3.145	3.62
81)	T	trans-1,4-Dich...	0.275	0.258	0.271	0.282	0.295	0.281	0.277	4.51
82)	T	4-Chlorotoluene	2.709	2.603	2.667	2.746	2.730	2.606	2.677	2.33
83)	T	tert-Butylbenzene	2.647	2.678	2.719	2.953	2.887	2.708	2.765	4.49
84)	T	1,2,4-Trimethy...	2.927	2.939	3.139	3.274	3.211	3.033	3.087	4.66
85)	T	sec-Butylbenzene	3.962	4.063	4.120	4.278	4.240	3.906	4.095	3.61
86)	T	p-Isopropyltol...	3.253	3.312	3.466	3.582	3.502	3.274	3.398	4.01
87)	T	1,3-Dichlorobe...	1.845	1.744	1.800	1.831	1.783	1.696	1.783	3.13
88)	T	1,4-Dichlorobe...	1.874	1.792	1.810	1.862	1.804	1.719	1.810	3.08
89)	T	n-Butylbenzene	3.188	3.118	3.257	3.352	3.296	3.069	3.213	3.37
90)	T	Hexachloroethane	0.617	0.634	0.646	0.668	0.658	0.621	0.641	3.15
91)	T	1,2-Dichlorobe...	1.594	1.558	1.625	1.691	1.643	1.563	1.613	3.17
92)	T	1,2-Dibromo-3-...	0.128	0.131	0.135	0.142	0.139	0.130	0.134	3.98
93)	T	1,2,4-Trichlor...	0.986	0.952	0.997	1.095	1.031	1.022	1.014	4.79
94)	T	Hexachlorobuta...	0.632	0.522	0.550	0.587	0.541	0.512	0.557	8.09
95)	T	Naphthalene	1.870	1.834	2.138	2.327	2.256	2.263	2.115	10.07
96)	T	1,2,3-Trichlor...	0.859	0.830	0.895	0.960	0.907	0.904	0.892	5.00

(#) = Out of Range