

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y010522S.M
 Title : SW846 8260
 Last Update : Thu Jan 06 04:51:57 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY007013.D 10 =VY007014.D 20 =VY007015.D 50 =VY007016.D 100 =VY007017.D 150 =VY007018.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.163	0.142	0.142	0.198	0.187	0.184	0.169	14.20
3) P	Chloromethane	0.516	0.409	0.321	0.373	0.334	0.373	0.388	18.09
4) C	Vinyl Chloride	0.428	0.462	0.424	0.558	0.499	0.519	0.482	11.04#
5) T	Bromomethane	0.360	0.322	0.268	0.364	0.313	0.311	0.323	11.00
6) T	Chloroethane	0.308	0.293	0.256	0.331	0.290	0.296	0.296	8.36
7) T	Trichlorofluor...	0.608	0.573	0.495	0.642	0.579	0.622	0.587	8.82
8) T	Diethyl Ether	0.315	0.307	0.296	0.374	0.336	0.353	0.330	9.02
9) T	1,1,2-Trichlor...	0.590	0.591	0.527	0.646	0.565	0.588	0.585	6.62
10) T	Methyl Iodide	0.909	0.912	0.813	1.003	0.900	0.926	0.911	6.67
11) T	Tert butyl alc...	0.054	0.052	0.049	0.058	0.048	0.059	0.053	8.72
12) CM	1,1-Dichloroet...	0.617	0.607	0.542	0.671	0.598	0.615	0.608	6.79#
13) T	Acrolein	0.016	0.014	0.016	0.018	0.016	0.019	0.016	10.90
14) T	Allyl chloride	0.888	0.948	0.845	1.036	0.906	0.936	0.926	7.04
15) T	Acrylonitrile	0.148	0.146	0.147	0.192	0.163	0.180	0.163	12.09
16) T	Acetone	0.129	0.119	0.109	0.139	0.130	0.153	0.130	11.79
17) T	Carbon Disulfide	1.842	1.794	1.565	1.980	1.737	1.793	1.785	7.61
18) T	Methyl Acetate	0.517	0.554	0.522	0.625	0.536	0.593	0.558	7.67
19) T	Methyl tert-bu...	1.173	1.094	1.055	1.223	1.101	1.143	1.131	5.36
20) T	Methylene Chlo...	2.096	1.662	1.016	0.913	0.706	0.696	1.182	48.31
21) T	trans-1,2-Dich...	0.661	0.647	0.576	0.727	0.631	0.641	0.647	7.55
22) T	Diisopropyl ether	1.822	1.764	1.650	1.998	1.789	1.812	1.806	6.25
23) T	Vinyl Acetate	1.030	1.032	0.994	1.282	1.121	1.189	1.108	10.03
24) P	1,1-Dichloroet...	1.108	1.108	1.005	1.237	1.092	1.112	1.110	6.68
25) T	2-Butanone	0.167	0.174	0.179	0.207	0.183	0.214	0.187	9.97
26) T	2,2-Dichloropr...	0.972	0.872	0.756	0.905	0.778	0.782	0.844	10.15
27) T	cis-1,2-Dichlo...	0.699	0.734	0.654	0.807	0.712	0.726	0.722	6.99
28) T	Bromochloromet...	0.341	0.349	0.321	0.490	0.443	0.453	0.400	17.73
29) T	Tetrahydrofuran	0.125	0.127	0.126	0.163	0.137	0.157	0.139	11.98
30) C	Chloroform	1.147	1.150	1.056	1.300	1.144	1.165	1.160	6.77#
31) T	Cyclohexane	1.276	1.153	0.988	1.169	1.005	1.033	1.104	10.29
32) T	1,1,1-Trichlor...	1.072	1.064	0.939	1.140	0.979	0.996	1.032	7.12
33) S	1,2-Dichloroet...	0.548	0.585	0.566	0.671	0.564	0.608	0.590	7.54
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.318	0.329	0.318	0.370	0.311	0.326	0.329	6.43
36) T	1,1-Dichloropr...	0.587	0.542	0.490	0.606	0.525	0.536	0.548	7.69
37) T	Ethyl Acetate	0.248	0.268	0.256	0.326	0.284	0.306	0.281	10.74
38) T	Carbon Tetrach...	0.606	0.572	0.521	0.632	0.550	0.557	0.573	7.03
39) T	Methylcyclohexane	0.758	0.725	0.647	0.791	0.689	0.698	0.718	7.13
40) TM	Benzene	1.541	1.486	1.350	1.659	1.448	1.462	1.491	6.93
41) T	Methacrylonitrile	0.143	0.147	0.142	0.188	0.155	0.173	0.158	11.84
42) TM	1,2-Dichloroet...	0.449	0.438	0.413	0.506	0.450	0.462	0.453	6.81
43) T	Isopropyl Acetate	0.495	0.492	0.500	0.620	0.545	0.595	0.541	10.29
44) TM	Trichloroethene	0.425	0.419	0.379	0.460	0.406	0.409	0.416	6.41
45) C	1,2-Dichloropr...	0.368	0.352	0.329	0.406	0.358	0.366	0.363	6.98#
46) T	Dibromomethane	0.218	0.206	0.203	0.246	0.221	0.226	0.220	6.98
47) T	Bromodichlorom...	0.535	0.522	0.482	0.598	0.534	0.541	0.535	6.97
48) T	Methyl methacr...	0.232	0.233	0.237	0.293	0.258	0.278	0.255	10.13
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.003	0.002	9.99
50) S	Toluene-d8	1.215	1.222	1.196	1.372	1.130	1.193	1.221	6.60
51) T	4-Methyl-2-Pen...	0.232	0.243	0.252	0.313	0.271	0.299	0.268	12.04
52) CM	Toluene	0.996	0.951	0.874	1.067	0.935	0.933	0.959	6.85#
53) T	t-1,3-Dichloro...	0.568	0.552	0.520	0.645	0.580	0.596	0.577	7.34
54) T	cis-1,3-Dichlo...	0.645	0.613	0.587	0.710	0.635	0.651	0.640	6.45
55) T	1,1,2-Trichlor...	0.300	0.288	0.277	0.338	0.301	0.311	0.303	6.96
56) T	Ethyl methacry...	0.390	0.399	0.401	0.499	0.445	0.471	0.434	10.24

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57)	T	1,3-Dichloropr...	0.497	0.486	0.476	0.587	0.520	0.541	0.518	7.99
58)	T	2-Chloroethyl ...	0.190	0.185	0.184	0.211	0.182	0.191	0.190	5.52
59)	T	2-Hexanone	0.152	0.161	0.168	0.197	0.171	0.194	0.174	10.29
60)	T	Dibromochlorom...	0.359	0.351	0.336	0.415	0.373	0.386	0.370	7.56
61)	T	1,2-Dibromoethane	0.290	0.288	0.277	0.342	0.304	0.321	0.304	7.88
62)	S	4-Bromofluorob...	0.469	0.472	0.449	0.510	0.423	0.437	0.460	6.68
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.401	0.378	0.348	0.415	0.363	0.371	0.379	6.52
65)	PM	Chlorobenzene	1.181	1.133	1.047	1.232	1.094	1.103	1.132	5.83
66)	T	1,1,1,2-Tetrac...	0.405	0.400	0.384	0.443	0.398	0.403	0.405	4.93
67)	C	Ethyl Benzene	2.195	2.135	1.958	2.280	1.999	2.001	2.094	6.13#
68)	T	m/p-Xylenes	0.832	0.819	0.746	0.869	0.760	0.761	0.798	6.19
69)	T	o-Xylene	0.794	0.750	0.702	0.814	0.714	0.716	0.748	6.20
70)	T	Styrene	1.292	1.280	1.199	1.399	1.223	1.233	1.271	5.65
71)	P	Bromoform	0.224	0.233	0.232	0.276	0.244	0.258	0.245	7.92
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	4.704	4.522	4.159	4.858	4.214	4.204	4.443	6.65
74)	T	N-ethyl acetate	1.057	1.067	1.102	1.331	1.163	1.250	1.162	9.41
75)	P	1,1,2,2-Tetrac...	0.795	0.792	0.812	0.963	0.838	0.889	0.848	7.87
76)	T	1,2,3-Trichlor...	0.602	0.623	0.595	0.694	0.597	0.667	0.630	6.58
77)	T	Bromobenzene	0.967	0.959	0.895	1.083	0.947	0.952	0.967	6.45
78)	T	n-propylbenzene	5.724	5.534	5.000	5.932	5.114	5.139	5.407	7.00
79)	T	2-Chlorotoluene	3.252	3.102	2.843	3.395	2.948	2.961	3.083	6.75
80)	T	1,3,5-Trimethy...	3.915	3.740	3.429	4.005	3.468	3.470	3.671	6.85
81)	T	trans-1,4-Dich...	0.354	0.325	0.312	0.386	0.334	0.357	0.345	7.67
82)	T	4-Chlorotoluene	3.396	3.218	2.978	3.498	3.061	3.058	3.201	6.49
83)	T	tert-Butylbenzene	3.442	3.316	3.032	3.529	3.066	3.037	3.237	6.83
84)	T	1,2,4-Trimethy...	3.854	3.665	3.381	3.940	3.416	3.418	3.612	6.76
85)	T	sec-Butylbenzene	5.084	4.785	4.413	5.141	4.434	4.445	4.717	7.13
86)	T	p-Isopropyltol...	4.117	3.983	3.653	4.208	3.666	3.638	3.877	6.63
87)	T	1,3-Dichlorobe...	1.976	1.887	1.748	2.023	1.806	1.786	1.871	5.91
88)	T	1,4-Dichlorobe...	1.968	1.850	1.769	2.042	1.804	1.813	1.874	5.70
89)	T	n-Butylbenzene	3.960	3.808	3.497	4.101	3.565	3.530	3.744	6.72
90)	T	Hexachloroethane	0.824	0.782	0.722	0.828	0.731	0.733	0.770	6.29
91)	T	1,2-Dichlorobe...	1.698	1.624	1.561	1.803	1.627	1.629	1.657	5.04
92)	T	1,2-Dibromo-3-...	0.169	0.146	0.143	0.171	0.156	0.167	0.159	7.65
93)	T	1,2,4-Trichlor...	1.010	0.941	0.950	1.096	1.024	1.028	1.008	5.67
94)	T	Hexachlorobuta...	0.556	0.528	0.500	0.568	0.513	0.503	0.528	5.32
95)	T	Naphthalene	2.027	2.050	2.121	2.531	2.339	2.439	2.251	9.51
96)	T	1,2,3-Trichlor...	0.851	0.820	0.809	0.951	0.897	0.890	0.870	6.14

(#) = Out of Range