

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D092622S.M
 Title : SW846 8260
 Last Update : Tue Sep 27 03:19:14 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD074415.D 5 =VD074414.D 20 =VD074416.D 50 =VD074417.D 100 =VD074418.D 150 =VD074419.D

Compound		10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.465	0.399	0.489	0.369	0.373	0.369	0.411	12.93
3) P	Chloromethane	0.506	0.445	0.493	0.348	0.328	0.329	0.408	20.32
4) C	Vinyl Chloride	0.402	0.317	0.411	0.324	0.327	0.332	0.352	12.07#
5) T	Bromomethane	0.295	0.313	0.301	0.211	0.244	0.260	0.271	14.57
6) T	Chloroethane	0.260	0.211	0.265	0.236	0.227	0.248	0.241	8.51
7) T	Trichlorofluor...	0.910	0.811	0.878	0.763	0.756	0.756	0.812	8.26
8) T	Diethyl Ether	0.242	0.216	0.251	0.237	0.240	0.251	0.239	5.37
9) T	1,1,2-Trichlor...	0.562	0.533	0.606	0.532	0.529	0.544	0.551	5.39
10) T	Methyl Iodide	0.351	0.292	0.432	0.508	0.611	0.688	0.480	31.66
11) T	Tert butyl alc...	0.102	0.177	0.084	0.042	0.038	0.038	0.080	67.94
12) CM	1,1-Dichloroet...	0.555	0.463	0.587	0.504	0.495	0.516	0.520	8.54#
13) T	Acrolein	0.034	0.029	0.036	0.027	0.026	0.027	0.030	14.01
14) T	Allyl chloride	0.527	0.506	0.586	0.536	0.519	0.543	0.536	5.15
15) T	Acrylonitrile	0.096	0.103	0.104	0.104	0.100	0.102	0.102	3.05
16) T	Acetone	0.082	0.106	0.076	0.078	0.070	0.088	0.084	14.90
17) T	Carbon Disulfide	1.395	0.969	1.445	1.112	1.084	1.122	1.188	15.88
18) T	Methyl Acetate	0.259	0.391	0.271	0.234	0.226	0.239	0.270	22.76
19) T	Methyl tert-bu...	1.085	1.059	1.136	1.151	1.106	1.168	1.118	3.72
20) T	Methylene Chlo...	1.009	1.291	0.847	0.636	0.566	0.587	0.823	34.85
21) T	trans-1,2-Dich...	0.587	0.472	0.634	0.542	0.532	0.549	0.553	9.85
22) T	Diisopropyl ether	1.250	1.133	1.291	1.250	1.195	1.237	1.226	4.50
23) T	Vinyl Acetate	0.466	0.412	0.502	0.563	0.572	0.608	0.521	14.17
24) P	1,1-Dichloroet...	0.963	0.883	0.988	0.918	0.876	0.912	0.924	4.81
25) T	2-Butanone	0.115	0.129	0.108	0.116	0.105	0.114	0.114	7.41
26) T	2,2-Dichloropr...	0.861	0.920	0.883	0.836	0.816	0.838	0.859	4.40
27) T	cis-1,2-Dichlo...	0.641	0.652	0.703	0.654	0.636	0.649	0.656	3.70
28) T	Bromochloromet...	0.296	0.274	0.303	0.303	0.289	0.300	0.294	3.78
29) T	Tetrahydrofuran	0.066	0.061	0.063	0.068	0.065	0.066	0.065	3.85
30) C	Chloroform	1.083	1.073	1.079	1.028	0.980	0.993	1.039	4.41#
31) T	Cyclohexane	0.810	0.779	0.820	0.659	0.666	0.651	0.731	10.98
32) T	1,1,1-Trichlor...	0.890	0.837	0.959	0.897	0.883	0.887	0.892	4.40
33) S	1,2-Dichloroet...	0.420	0.510	0.445	0.419	0.394	0.395	0.430	10.07
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.437	0.366	0.442	0.323	0.325	0.322	0.369	15.46
36) T	1,1-Dichloropr...	0.505	0.404	0.481	0.451	0.444	0.439	0.454	7.74
37) T	Ethyl Acetate	0.150	0.136	0.140	0.161	0.157	0.154	0.150	6.44
38) T	Carbon Tetrach...	0.413	0.382	0.458	0.445	0.455	0.453	0.435	7.01
39) T	Methylcyclohexane	0.553	0.471	0.611	0.522	0.544	0.528	0.538	8.49
40) TM	Benzene	1.395	1.257	1.430	1.353	1.317	1.291	1.340	4.85
41) T	Methacrylonitrile	0.082	0.089	0.092	0.090	0.102	0.087	0.090	7.37
42) TM	1,2-Dichloroet...	0.354	0.330	0.352	0.334	0.324	0.324	0.336	4.03
43) T	Isopropyl Acetate	0.290	0.261	0.293	0.298	0.305	0.298	0.291	5.38
44) TM	Trichloroethene	0.420	0.396	0.436	0.406	0.404	0.398	0.410	3.73
45) C	1,2-Dichloropr...	0.320	0.287	0.342	0.321	0.321	0.316	0.318	5.56#
46) T	Dibromomethane	0.202	0.156	0.200	0.191	0.191	0.187	0.188	8.88
47) T	Bromodichlorom...	0.479	0.494	0.494	0.491	0.471	0.486	0.486	1.91
48) T	Methyl methacr...	0.128	0.108	0.136	0.140	0.139	0.128	0.130	9.09
49) T	1,4-Dioxane	0.001	0.001	0.002	0.002	0.002	0.002	0.002	30.13
50) S	Toluene-d8	1.040	1.349	0.998	1.121	1.174	1.140	1.137	10.78
51) T	4-Methyl-2-Pen...	0.151	0.138	0.149	0.152	0.156	0.152	0.149	4.13
52) CM	Toluene	0.887	0.823	0.884	0.865	0.873	0.866	0.866	2.65#
53) T	t-1,3-Dichloro...	0.391	0.374	0.391	0.398	0.431	0.436	0.404	6.05
54) T	cis-1,3-Dichlo...	0.507	0.492	0.524	0.520	0.520	0.527	0.515	2.59
55) T	1,1,2-Trichlor...	0.257	0.254	0.255	0.266	0.270	0.267	0.261	2.64
56) T	Ethyl methacry...	0.281	0.269	0.278	0.303	0.315	0.313	0.293	6.75

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57)	T	1,3-Dichloropr...	0.440	0.429	0.414	0.412	0.433	0.430	0.426	2.59
58)	T	2-Chloroethyl ...	0.026	0.040	0.034	0.046	0.062	0.072	0.047	36.88
59)	T	2-Hexanone	0.096	0.095	0.097	0.104	0.105	0.108	0.101	5.31
60)	T	Dibromochlorom...	0.315	0.322	0.326	0.327	0.337	0.337	0.327	2.63
61)	T	1,2-Dibromoethane	0.269	0.241	0.254	0.251	0.259	0.251	0.254	3.62
62)	S	4-Bromofluorob...	0.604	0.397	0.633	0.368	0.373	0.366	0.457	27.57
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.447	0.382	0.409	0.356	0.363	0.370	0.388	8.88
65)	PM	Chlorobenzene	1.112	1.046	1.112	1.085	1.065	1.078	1.083	2.41
66)	T	1,1,1,2-Tetrac...	0.394	0.366	0.389	0.403	0.395	0.406	0.392	3.60
67)	C	Ethyl Benzene	1.903	1.738	1.974	1.945	1.925	1.946	1.905	4.47#
68)	T	m/p-Xylenes	0.754	0.640	0.792	0.778	0.756	0.766	0.748	7.29
69)	T	o-Xylene	0.697	0.569	0.732	0.716	0.718	0.729	0.693	8.99
70)	T	Styrene	1.175	1.087	1.263	1.287	1.207	1.233	1.209	5.90
71)	P	Bromoform	0.219	0.196	0.202	0.229	0.226	0.225	0.216	6.48
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.729	3.386	3.911	3.674	3.785	3.787	3.712	4.80
74)	T	N-amyl acetate	0.556	0.564	0.579	0.583	0.618	0.610	0.585	4.21
75)	P	1,1,2,2-Tetrac...	0.685	0.633	0.660	0.628	0.641	0.640	0.648	3.26
76)	T	1,2,3-Trichlor...	0.444	0.394	0.349	0.357	0.362	0.439	0.391	10.80
77)	T	Bromobenzene	0.916	0.826	0.914	0.855	0.881	0.885	0.879	3.94
78)	T	n-propylbenzene	4.584	4.154	4.752	4.398	4.465	4.442	4.466	4.46
79)	T	2-Chlorotoluene	2.488	2.261	2.528	2.384	2.391	2.409	2.410	3.86
80)	T	1,3,5-Trimethy...	3.102	2.905	3.273	3.023	3.067	3.055	3.071	3.90
81)	T	trans-1,4-Dich...	0.139	0.135	0.160	0.156	0.187	0.184	0.160	13.50
82)	T	4-Chlorotoluene	2.563	2.324	2.637	2.437	2.457	2.408	2.471	4.54
83)	T	tert-Butylbenzene	2.740	2.706	2.937	2.736	2.795	2.760	2.779	2.98
84)	T	1,2,4-Trimethy...	3.065	2.915	3.266	3.046	3.018	3.034	3.057	3.76
85)	T	sec-Butylbenzene	4.227	3.943	4.384	4.090	4.159	4.152	4.159	3.51
86)	T	p-Isopropyltol...	3.441	3.256	3.656	3.453	3.509	3.544	3.476	3.82
87)	T	1,3-Dichlorobe...	1.797	1.765	1.893	1.767	1.785	1.822	1.805	2.66
88)	T	1,4-Dichlorobe...	1.849	1.816	1.899	1.780	1.744	1.751	1.807	3.33
89)	T	n-Butylbenzene	3.141	3.215	3.343	3.167	3.232	3.242	3.223	2.18
90)	T	Hexachloroethane	0.620	0.570	0.635	0.595	0.623	0.649	0.615	4.62
91)	T	1,2-Dichlorobe...	1.615	1.588	1.621	1.559	1.519	1.541	1.574	2.60
92)	T	1,2-Dibromo-3-...	0.094	0.037	0.092	0.086	0.089	0.091	0.081	26.74
93)	T	1,2,4-Trichlor...	1.070	1.076	1.092	1.008	1.055	1.094	1.066	2.97
94)	T	Hexachlorobuta...	0.552	0.623	0.611	0.542	0.577	0.599	0.584	5.59
95)	T	Naphthalene	1.875	1.840	1.907	1.916	2.021	2.086	1.941	4.82
96)	T	1,2,3-Trichlor...	0.906	0.882	0.948	0.881	0.915	0.951	0.914	3.33

(#) = Out of Range