

Method Path : Z:\voasrv\HPCHEM1\MSV0A_W\Method\
 Method File : 82W121420S.M
 Title : SW846 8260
 Last Update : Mon Dec 14 12:39:23 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW017602.D 5 =VW017601.D 20 =VW017603.D 50 =VW017604.D 100 =VW017605.D 150 =VW017606.D

Compound	10	5	20	50	100	150	Avg	%RSD

1) I Pentafluorobenzene	-----ISTD-----							
2) T Dichlorodifluo...	0.427	0.402	0.437	0.377	0.370	0.342	0.392	9.23
3) P Chloromethane	0.474	0.496	0.455	0.406	0.422	0.396	0.442	9.02
4) C Vinyl Chloride	0.681	0.658	0.710	0.624	0.610	0.558	0.640	8.50#
5) T Bromomethane	0.483	0.494	0.524	0.490	0.491	0.473	0.492	3.52
6) T Chloroethane	0.413	0.410	0.424	0.395	0.394	0.365	0.400	5.17
7) T Trichlorofluor...	0.498	0.480	0.509	0.511	0.527	0.514	0.507	3.18
8) T Diethyl Ether	0.285	0.295	0.291	0.276	0.267	0.253	0.278	5.66
9) T 1,1,2-Trichlor...	0.564	0.593	0.591	0.545	0.522	0.483	0.550	7.75
10) T Methyl Iodide	0.847	0.856	0.844	0.790	0.792	0.727	0.810	6.13
11) T Tert butyl alc...	0.058	0.095	0.062	0.046	0.036	0.036	0.056	39.65
12) CM 1,1-Dichloroet...	0.582	0.633	0.597	0.551	0.529	0.495	0.565	8.77#
13) T Acrolein	0.042	0.029	0.043	0.037	0.035	0.034	0.037	13.46
14) T Allyl chloride	0.905	0.936	0.913	0.854	0.839	0.770	0.870	7.02
15) T Acrylonitrile	0.117	0.132	0.136	0.128	0.115	0.110	0.123	8.53
16) T Acetone	0.121	0.135	0.127	0.152	0.133	0.127	0.133	7.92
17) T Carbon Disulfide	1.739	1.740	1.732	1.646	1.588	1.461	1.651	6.77
18) T Methyl Acetate	0.254	0.318	0.287	0.274	0.246	0.238	0.269	11.10
19) T Methyl tert-bu...	0.792	0.833	0.808	0.780	0.716	0.654	0.764	8.68
20) T Methylene Chlo...	0.741	0.936	0.663	0.585	0.558	0.507	0.665	23.49
21) T trans-1,2-Dich...	0.639	0.670	0.654	0.620	0.615	0.565	0.627	5.90
22) T Diisopropyl ether	1.631	1.682	1.667	1.575	1.553	1.414	1.587	6.20
23) T Vinyl Acetate	1.064	1.129	1.124	1.090	1.035	0.968	1.068	5.68
24) P 1,1-Dichloroet...	1.112	1.163	1.110	1.057	1.058	0.964	1.077	6.34
25) T 2-Butanone	0.168	0.213	0.178	0.185	0.159	0.155	0.176	12.11
26) T 2,2-Dichloropr...	0.865	1.113	0.811	0.717	0.659	0.588	0.792	23.51
27) T cis-1,2-Dichlo...	0.695	0.722	0.690	0.659	0.659	0.594	0.670	6.58
28) T Bromochloromet...	0.453	0.467	0.475	0.462	0.468	0.425	0.458	3.92
29) T Tetrahydrofuran	0.097	0.110	0.106	0.102	0.092	0.089	0.099	8.26
30) C Chloroform	1.129	1.164	1.129	1.084	1.084	0.977	1.094	5.96#
31) T Cyclohexane	1.146	1.265	1.102	0.998	0.938	0.862	1.052	14.00
32) T 1,1,1-Trichlor...	0.969	0.983	0.977	0.944	0.915	0.824	0.935	6.41
33) S 1,2-Dichloroet...	0.621	0.644	0.625	0.614	0.596	0.554	0.609	5.09
34) I 1,4-Difluorobenzene	-----ISTD-----							
35) S Dibromofluorom...	0.340	0.349	0.334	0.320	0.334	0.308	0.331	4.44
36) T 1,1-Dichloropr...	0.548	0.564	0.554	0.512	0.499	0.463	0.523	7.44
37) T Ethyl Acetate	0.217	0.246	0.227	0.225	0.203	0.195	0.219	8.22
38) T Carbon Tetrach...	0.537	0.550	0.541	0.525	0.521	0.481	0.526	4.63
39) T Methylcyclohexane	0.692	0.694	0.699	0.665	0.644	0.585	0.663	6.55
40) TM Benzene	1.475	1.453	1.450	1.347	1.360	1.235	1.387	6.57
41) T Methacrylonitrile	0.122	0.134	0.137	0.130	0.110	0.107	0.124	10.06
42) TM 1,2-Dichloroet...	0.437	0.443	0.441	0.418	0.415	0.381	0.422	5.60
43) T Isopropyl Acetate	0.408	0.423	0.434	0.420	0.394	0.385	0.410	4.52
44) TM Trichloroethene	0.393	0.399	0.394	0.377	0.382	0.350	0.383	4.69
45) C 1,2-Dichloropr...	0.361	0.361	0.352	0.335	0.337	0.306	0.342	6.15#
46) T Dibromomethane	0.197	0.204	0.200	0.189	0.187	0.174	0.191	5.69
47) T Bromodichlorom...	0.512	0.495	0.499	0.482	0.490	0.449	0.488	4.36
48) T Methyl methacr...	0.201	0.195	0.216	0.209	0.199	0.188	0.201	4.98
49) T 1,4-Dioxane	0.002	0.003	0.003	0.003	0.002	0.002	0.002	11.36
50) S Toluene-d8	1.366	1.339	1.311	1.255	1.263	1.195	1.288	4.84
51) T 4-Methyl-2-Pen...	0.203	0.230	0.215	0.208	0.189	0.181	0.204	8.73
52) CM Toluene	0.964	0.940	0.925	0.876	0.904	0.832	0.907	5.22#
53) T t-1,3-Dichloro...	0.512	0.509	0.517	0.496	0.502	0.460	0.499	4.12
54) T cis-1,3-Dichlo...	0.595	0.609	0.591	0.567	0.577	0.526	0.577	5.03
55) T 1,1,2-Trichlor...	0.263	0.276	0.265	0.250	0.247	0.235	0.256	5.64

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56)	T	Ethyl methacry...	0.330	0.346	0.342	0.338	0.323	0.306	0.331	4.49
57)	T	1,3-Dichloropr...	0.470	0.489	0.467	0.448	0.435	0.405	0.452	6.53
58)	T	2-Chloroethyl ...	0.168	0.161	0.173	0.152	0.151	0.144	0.158	6.98
59)	T	2-Hexanone	0.131	0.138	0.143	0.149	0.133	0.126	0.137	6.14
60)	T	Dibromochlorom...	0.322	0.320	0.324	0.321	0.331	0.304	0.320	2.80
61)	T	1,2-Dibromoethane	0.258	0.263	0.263	0.253	0.247	0.233	0.253	4.59
62)	S	4-Bromofluorob...	0.468	0.488	0.462	0.454	0.465	0.424	0.460	4.59

63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.364	0.365	0.348	0.340	0.318	0.312	0.341	6.55
65)	PM	Chlorobenzene	1.115	1.094	1.095	1.094	1.057	0.996	1.075	4.00
66)	T	1,1,1,2-Tetrac...	0.383	0.386	0.392	0.393	0.380	0.355	0.381	3.68
67)	C	Ethyl Benzene	2.106	2.090	2.046	2.027	1.918	1.797	1.997	5.93#
68)	T	m/p-Xylenes	0.791	0.796	0.771	0.766	0.746	0.699	0.762	4.64
69)	T	o-Xylene	0.765	0.727	0.738	0.721	0.702	0.657	0.718	5.10
70)	T	Styrene	1.225	1.194	1.236	1.214	1.199	1.129	1.200	3.16
71)	P	Bromoform	0.200	0.206	0.201	0.215	0.198	0.204	0.204	3.03

72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.187	4.287	4.068	3.912	3.757	3.510	3.954	7.29
74)	T	N-amyl acetate	0.808	0.946	0.869	0.854	0.763	0.735	0.829	9.25
75)	P	1,1,2,2-Tetrac...	0.662	0.760	0.704	0.675	0.599	0.557	0.659	11.01
76)	T	1,2,3-Trichlor...	0.469	0.526	0.583	0.476	0.426	0.408	0.481	13.41
77)	T	Bromobenzene	0.885	0.918	0.858	0.841	0.813	0.766	0.847	6.33
78)	T	n-propylbenzene	4.960	5.039	4.885	4.688	4.436	4.158	4.694	7.26
79)	T	2-Chlorotoluene	2.779	2.801	2.709	2.580	2.506	2.327	2.617	6.97
80)	T	1,3,5-Trimethy...	3.467	3.629	3.407	3.347	3.214	3.013	3.346	6.37
81)	T	trans-1,4-Dich...	0.246	0.249	0.243	0.243	0.226	0.219	0.238	5.18
82)	T	4-Chlorotoluene	2.942	2.943	2.811	2.713	2.671	2.493	2.762	6.28
83)	T	tert-Butylbenzene	3.014	3.041	2.902	2.895	2.765	2.553	2.862	6.30
84)	T	1,2,4-Trimethy...	3.495	3.613	3.365	3.269	3.106	2.926	3.296	7.65
85)	T	sec-Butylbenzene	4.210	4.269	4.125	4.021	3.874	3.617	4.019	6.02
86)	T	p-Isopropyltol...	3.768	3.921	3.727	3.606	3.513	3.233	3.628	6.58
87)	T	1,3-Dichlorobe...	1.801	1.836	1.686	1.696	1.616	1.492	1.688	7.41
88)	T	1,4-Dichlorobe...	1.737	1.806	1.693	1.645	1.652	1.519	1.675	5.79
89)	T	n-Butylbenzene	3.714	3.956	3.678	3.542	3.381	3.120	3.565	8.14
90)	T	Hexachloroethane	0.760	0.767	0.725	0.716	0.676	0.634	0.713	7.13
91)	T	1,2-Dichlorobe...	1.534	1.607	1.544	1.502	1.499	1.314	1.500	6.61
92)	T	1,2-Dibromo-3-...	0.122	0.140	0.127	0.125	0.105	0.100	0.120	12.37
93)	T	1,2,4-Trichlor...	0.990	1.054	0.976	0.961	0.904	0.873	0.960	6.69
94)	T	Hexachlorobuta...	0.512	0.567	0.539	0.504	0.473	0.431	0.504	9.54
95)	T	Naphthalene	2.000	2.132	2.069	1.980	1.827	1.771	1.963	7.09
96)	T	1,2,3-Trichlor...	0.836	0.926	0.860	0.851	0.770	0.737	0.830	8.13

(#) = Out of Range