

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\
 Method File : 82D101320S.M
 Title : SW846 8260
 Last Update : Tue Oct 13 13:05:03 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD067244.D 5 =VD067243.D 20 =VD067245.D
 50 =VD067246.D 100 =VD067247.D 150 =VD067248.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.546	0.504	0.505	0.408	0.380	0.378	0.454	16.14
3) P	Chloromethane	0.336	0.364	0.331	0.286	0.282	0.290	0.315	10.73
4) C	Vinyl Chloride	0.386	0.386	0.358	0.325	0.304	0.313	0.345	10.59#
5) T	Bromomethane	0.304	0.325	0.270	0.241	0.224	0.237	0.267	15.11
6) T	Chloroethane	0.241	0.243	0.230	0.197	0.187	0.192	0.215	12.01
7) T	Trichlorofluorome	0.977	0.959	0.911	0.809	0.775	0.785	0.869	10.43
8) T	Diethyl Ether	0.213	0.219	0.201	0.182	0.187	0.192	0.199	7.33
9) T	1,1,2-Trichlorotr	0.515	0.522	0.477	0.427	0.414	0.415	0.462	10.77
10) T	Methyl Iodide	0.383	0.379	0.409	0.435	0.460	0.492	0.426	10.52
11) T	Tert butyl alcoho	0.045	0.064	0.038	0.024	0.024	0.023	0.036	44.86
12) CM	1,1-Dichloroethen	0.450	0.438	0.426	0.393	0.381	0.387	0.413	7.08#
13) T	Acrolein	0.020	0.022	0.020	0.030	0.031	0.032	0.026	22.01
14) T	Allyl chloride	0.470	0.499	0.479	0.457	0.457	0.473	0.473	3.32
15) T	Acrylonitrile	0.072	0.066	0.068	0.062	0.065	0.064	0.066	5.51
16) T	Acetone	0.077	0.077	0.072	0.064	0.066	0.066	0.070	8.31
17) T	Carbon Disulfide	1.260	1.312	1.203	1.103	1.073	1.108	1.176	8.22
18) T	Methyl Acetate	0.161	0.200	0.166	0.137	0.148	0.149	0.160	13.94
19) T	Methyl tert-butyl	0.842	0.801	0.859	0.790	0.806	0.826	0.821	3.22
20) T	Methylene Chlorid	0.644	0.693	0.542	0.447	0.423	0.425	0.529	22.23
21) T	trans-1,2-Dichlor	0.520	0.519	0.468	0.447	0.448	0.447	0.475	7.49
22) T	Diisopropyl ether	0.904	0.803	0.962	0.844	0.828	0.839	0.863	6.83
23) T	Vinyl Acetate	0.486	0.403	0.520	0.498	0.518	0.523	0.491	9.29
24) P	1,1-Dichloroethan	0.816	0.778	0.768	0.698	0.679	0.694	0.739	7.57
25) T	2-Butanone	0.084	0.084	0.083	0.074	0.077	0.078	0.080	5.38
26) T	2,2-Dichloropropa	0.853	0.854	0.773	0.715	0.684	0.691	0.762	10.22
27) T	cis-1,2-Dichloroe	0.559	0.543	0.545	0.498	0.485	0.493	0.520	6.17
28) T	Bromochloromethan	0.245	0.270	0.245	0.261	0.246	0.246	0.252	4.25
29) T	Tetrahydrofuran	0.047	0.041	0.047	0.043	0.044	0.044	0.044	5.68
30) C	Chloroform	0.974	0.937	0.917	0.843	0.806	0.820	0.883	7.82#
31) T	Cyclohexane	0.624	0.709	0.605	0.521	0.501	0.503	0.577	14.47
32) T	1,1,1-Trichloroet	0.929	0.946	0.905	0.824	0.789	0.805	0.866	7.87
33) S	1,2-Dichloroethan	0.550	0.500	0.510	0.495	0.475	0.476	0.501	5.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.354	0.305	0.328	0.344	0.336	0.328	0.333	5.03
36) T	1,1-Dichloroprope	0.464	0.435	0.446	0.405	0.403	0.390	0.424	6.81
37) T	Ethyl Acetate	0.132	0.120	0.135	0.120	0.124	0.117	0.125	6.03
38) T	Carbon Tetrachlor	0.580	0.574	0.565	0.524	0.510	0.497	0.542	6.57
39) T	Methylcyclohexane	0.481	0.446	0.430	0.437	0.434	0.430	0.443	4.36
40) TM	Benzene	1.268	1.235	1.203	1.114	1.090	1.065	1.163	7.21
41) T	Methacrylonitrile	0.068	0.064	0.072	0.055	0.078	0.067	0.067	11.20
42) TM	1,2-Dichloroethan	0.381	0.389	0.387	0.349	0.341	0.336	0.364	6.74
43) T	Isopropyl Acetate	0.262	0.239	0.262	0.231	0.245	0.245	0.247	5.06
44) TM	Trichloroethene	0.405	0.381	0.396	0.359	0.347	0.346	0.372	6.75
45) C	1,2-Dichloropropa	0.285	0.281	0.284	0.256	0.254	0.256	0.269	5.79#
46) T	Dibromomethane	0.179	0.187	0.177	0.154	0.157	0.153	0.168	8.86
47) T	Bromodichlorometh	0.495	0.462	0.463	0.426	0.430	0.423	0.450	6.35
48) T	Methyl methacryla	0.135	0.115	0.123	0.111	0.119	0.118	0.120	6.86
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	15.86
50) S	Toluene-d8	1.296	1.102	1.198	1.260	1.193	1.175	1.204	5.64
51) T	4-Methyl-2-Pentan	0.134	0.121	0.132	0.117	0.120	0.116	0.123	6.28
52) CM	Toluene	0.858	0.800	0.834	0.772	0.755	0.733	0.792	6.05#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53)	T t-1,3-Dichloropro	0.430	0.388	0.405	0.383	0.387	0.378	0.395	4.90
54)	T cis-1,3-Dichlorop	0.482	0.468	0.487	0.444	0.447	0.447	0.462	4.15
55)	T 1,1,2-Trichloroet	0.260	0.234	0.251	0.213	0.209	0.207	0.229	9.85
56)	T Ethyl methacrylat	0.239	0.217	0.248	0.231	0.246	0.244	0.237	4.90
57)	T 1,3-Dichloropropa	0.391	0.372	0.393	0.343	0.348	0.340	0.364	6.65
58)	T 2-Chloroethyl Vin	0.118	0.111	0.132	0.121	0.127	0.122	0.122	5.82
59)	T 2-Hexanone	0.088	0.082	0.088	0.082	0.084	0.082	0.084	3.44
60)	T Dibromochlorometh	0.353	0.366	0.351	0.313	0.315	0.306	0.334	7.67
61)	T 1,2-Dibromoethane	0.243	0.238	0.239	0.211	0.216	0.206	0.226	7.28
62)	S 4-Bromofluorobenz	0.459	0.378	0.425	0.428	0.413	0.410	0.419	6.28
63)	I Chlorobenzene-d5	-----ISTD-----							
64)	T Tetrachloroethene	0.403	0.413	0.367	0.341	0.329	0.321	0.362	10.76
65)	PM Chlorobenzene	1.039	1.016	1.006	0.918	0.899	0.876	0.959	7.23
66)	T 1,1,1,2-Tetrachlo	0.411	0.408	0.390	0.370	0.359	0.348	0.381	6.86
67)	C Ethyl Benzene	1.743	1.634	1.692	1.624	1.593	1.575	1.644	3.84#
68)	T m/p-Xylenes	0.687	0.624	0.666	0.623	0.604	0.593	0.633	5.76
69)	T o-Xylene	0.634	0.592	0.614	0.565	0.558	0.554	0.586	5.60
70)	T Styrene	1.066	1.019	1.047	1.000	0.971	0.951	1.009	4.36
71)	P Bromoform	0.228	0.217	0.211	0.189	0.193	0.190	0.205	7.95
72)	I 1,4-Dichlorobenzene-d	-----ISTD-----							
73)	T Isopropylbenzene	3.298	2.960	3.282	3.248	3.150	3.100	3.173	4.09
74)	T N-amyl acetate	0.496	0.456	0.488	0.465	0.484	0.487	0.479	3.21
75)	P 1,1,2,2-Tetrachlo	0.524	0.503	0.506	0.467	0.468	0.450	0.486	5.87
76)	T 1,2,3-Trichloropr	0.342	0.368	0.403	0.302	0.304	0.360	0.347	11.35
77)	T Bromobenzene	0.832	0.820	0.825	0.778	0.750	0.741	0.791	5.06
78)	T n-propylbenzene	3.815	3.600	3.856	3.770	3.524	3.495	3.677	4.25
79)	T 2-Chlorotoluene	2.261	2.180	2.211	2.117	2.009	2.016	2.132	4.87
80)	T 1,3,5-Trimethylbe	2.848	2.690	2.903	2.813	2.669	2.623	2.758	4.07
81)	T trans-1,4-Dichlor	0.166	0.148	0.159	0.142	0.149	0.152	0.153	5.60
82)	T 4-Chlorotoluene	2.439	2.369	2.318	2.232	2.135	2.085	2.263	6.06
83)	T tert-Butylbenzene	2.390	2.199	2.398	2.408	2.300	2.281	2.329	3.59
84)	T 1,2,4-Trimethylbe	2.856	2.545	2.866	2.806	2.661	2.618	2.726	4.97
85)	T sec-Butylbenzene	3.352	3.144	3.289	3.245	3.085	3.063	3.196	3.65
86)	T p-Isopropyltoluen	3.177	2.881	3.196	3.061	2.921	2.865	3.017	4.92
87)	T 1,3-Dichlorobenze	1.677	1.637	1.610	1.449	1.388	1.375	1.523	8.81
88)	T 1,4-Dichlorobenze	1.650	1.628	1.536	1.437	1.411	1.390	1.509	7.48
89)	T n-Butylbenzene	2.760	2.575	2.717	2.693	2.604	2.576	2.654	3.00
90)	T Hexachloroethane	0.555	0.534	0.534	0.514	0.504	0.518	0.526	3.42
91)	T 1,2-Dichlorobenze	1.485	1.378	1.392	1.259	1.247	1.220	1.330	7.81
92)	T 1,2-Dibromo-3-Chl	0.102	0.086	0.093	0.079	0.085	0.085	0.088	9.21
93)	T 1,2,4-Trichlorobe	0.913	0.895	0.891	0.889	0.894	0.899	0.897	0.97
94)	T Hexachlorobutadie	0.589	0.546	0.558	0.560	0.544	0.546	0.557	3.03
95)	T Naphthalene	1.392	1.268	1.481	1.490	1.612	1.592	1.473	8.71
96)	T 1,2,3-Trichlorobe	0.777	0.735	0.806	0.763	0.786	0.782	0.775	3.09

(#) = Out of Range