

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\
 Method File : 82D062620S.M
 Title : SW846 8260
 Last Update : Fri Jun 26 19:13:37 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD065874.D 5 =VD065873.D 20 =VD065875.D
 50 =VD065876.D 100 =VD065877.D 150 =VD065878.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.557	0.531	0.526	0.448	0.423	0.385	0.478	14.46
3) P	Chloromethane	0.713	0.709	0.713	0.658	0.615	0.578	0.664	8.68
4) C	Vinyl Chloride	0.789	0.797	0.812	0.740	0.675	0.610	0.737	10.82#
5) T	Bromomethane	0.533	0.565	0.502	0.480	0.423	0.390	0.482	13.71
6) T	Chloroethane	0.488	0.519	0.503	0.466	0.427	0.386	0.465	10.80
7) T	Trichlorofluorome	0.941	0.967	0.992	0.947	0.897	0.831	0.929	6.18
8) T	Diethyl Ether	0.266	0.254	0.249	0.245	0.231	0.222	0.244	6.52
9) T	1,1,2-Trichlorotr	0.558	0.546	0.542	0.530	0.498	0.468	0.524	6.53
10) T	Methyl Iodide	0.411	0.382	0.469	0.557	0.580	0.549	0.491	16.84
11) T	Tert butyl alcoho	0.038	0.033	0.027	0.026	0.024	0.026	0.029	18.43
12) CM	1,1-Dichloroethen	0.496	0.495	0.524	0.495	0.467	0.451	0.488	5.27#
13) T	Acrolein	0.041	0.041	0.040	0.036	0.035	0.034	0.038	8.31
14) T	Allyl chloride	0.777	0.726	0.810	0.773	0.777	0.756	0.770	3.57
15) T	Acrylonitrile	0.107	0.095	0.114	0.108	0.100	0.099	0.104	6.94
16) T	Acetone	0.098	0.102	0.104	0.110	0.099	0.098	0.102	4.59
17) T	Carbon Disulfide	1.682	1.713	1.783	1.659	1.566	1.490	1.649	6.39
18) T	Methyl Acetate	0.218	0.250	0.235	0.221	0.216	0.215	0.226	6.12
19) T	Methyl tert-butyl	1.035	1.011	1.114	1.115	1.072	1.075	1.070	3.88
20) T	Methylene Chlorid	0.744	0.786	0.616	0.563	0.514	0.484	0.618	19.98
21) T	trans-1,2-Dichlor	0.572	0.565	0.580	0.563	0.548	0.525	0.559	3.52
22) T	Diisopropyl ether	1.509	1.480	1.605	1.687	1.659	1.693	1.606	5.73
23) T	Vinyl Acetate	0.877	0.807	0.933	0.993	0.968	0.988	0.928	7.89
24) P	1,1-Dichloroethan	0.951	0.977	0.983	0.986	0.944	0.905	0.958	3.26
25) T	2-Butanone	0.133	0.126	0.139	0.146	0.134	0.137	0.136	4.90
26) T	2,2-Dichloropropa	0.872	0.899	0.869	0.898	0.876	0.860	0.879	1.83
27) T	cis-1,2-Dichloroe	0.628	0.643	0.633	0.628	0.599	0.579	0.618	3.93
28) T	Bromochloromethan	0.369	0.356	0.365	0.353	0.360	0.356	0.360	1.68
29) T	Tetrahydrofuran	0.075	0.088	0.090	0.089	0.087	0.089	0.086	6.53
30) C	Chloroform	1.034	1.050	1.049	1.041	1.010	0.969	1.026	3.05#
31) T	Cyclohexane	0.930	1.097	0.913	0.897	0.879	0.867	0.931	9.08
32) T	1,1,1-Trichloroet	0.945	0.936	0.956	0.967	0.946	0.896	0.941	2.58
33) S	1,2-Dichloroethan	0.526	0.578	0.504	0.531	0.497	0.480	0.519	6.61

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.302	0.346	0.301	0.320	0.300	0.285	0.309	6.86
36) T	1,1-Dichloroprope	0.482	0.463	0.500	0.516	0.490	0.474	0.488	3.83
37) T	Ethyl Acetate	0.187	0.177	0.175	0.193	0.197	0.188	0.186	4.64
38) T	Carbon Tetrachlor	0.508	0.528	0.530	0.551	0.532	0.511	0.526	2.97
39) T	Methylcyclohexane	0.568	0.553	0.580	0.617	0.588	0.569	0.579	3.82
40) TM	Benzene	1.361	1.272	1.384	1.377	1.374	1.348	1.353	3.06
41) T	Methacrylonitrile	0.076	0.112	0.098	0.101	0.113	0.114	0.102	14.15
42) TM	1,2-Dichloroethan	0.403	0.394	0.408	0.414	0.399	0.377	0.399	3.25
43) T	Isopropyl Acetate	0.338	0.330	0.358	0.390	0.376	0.376	0.361	6.56
44) TM	Trichloroethene	0.361	0.378	0.367	0.385	0.365	0.342	0.366	4.08
45) C	1,2-Dichloropropa	0.335	0.303	0.323	0.345	0.329	0.310	0.324	4.92#
46) T	Dibromomethane	0.182	0.170	0.184	0.190	0.181	0.171	0.180	4.37
47) T	Bromodichlorometh	0.466	0.444	0.487	0.503	0.494	0.471	0.477	4.48
48) T	Methyl methacryla	0.185	0.157	0.174	0.179	0.194	0.174	0.177	7.03
49) T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.002	0.002	12.54
50) S	Toluene-d8	1.143	1.204	1.111	1.180	1.174	1.163	1.163	2.76
51) T	4-Methyl-2-Pentan	0.166	0.175	0.182	0.199	0.194	0.201	0.186	7.58
52) CM	Toluene	0.839	0.817	0.865	0.896	0.931	0.928	0.879	5.34#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.410	0.453	0.450	0.479	0.473	0.468	0.456	5.45
54) T	cis-1,3-Dichlorop	0.515	0.510	0.546	0.563	0.546	0.529	0.535	3.79
55) T	1,1,2-Trichloroet	0.223	0.230	0.244	0.247	0.242	0.242	0.238	3.93
56) T	Ethyl methacrylat	0.274	0.251	0.290	0.323	0.312	0.324	0.296	9.95
57) T	1,3-Dichloropropa	0.413	0.379	0.422	0.447	0.424	0.420	0.418	5.25
58) T	2-Chloroethyl Vin	0.125	0.126	0.131	0.128	0.132	0.135	0.130	2.96
59) T	2-Hexanone	0.124	0.118	0.128	0.138	0.137	0.138	0.131	6.42
60) T	Dibromochlorometh	0.308	0.317	0.325	0.335	0.332	0.333	0.325	3.32
61) T	1,2-Dibromoethane	0.220	0.224	0.231	0.245	0.241	0.237	0.233	4.22
62) S	4-Bromofluorobenz	0.347	0.383	0.345	0.400	0.409	0.402	0.381	7.44
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.332	0.327	0.338	0.337	0.322	0.303	0.327	3.98
65) PM	Chlorobenzene	0.972	1.001	1.007	1.010	0.991	0.970	0.992	1.74
66) T	1,1,1,2-Tetrachlo	0.351	0.377	0.369	0.373	0.385	0.362	0.369	3.26
67) C	Ethyl Benzene	1.791	1.747	1.811	1.893	1.952	1.860	1.842	4.03#
68) T	m/p-Xylenes	0.675	0.640	0.689	0.731	0.762	0.711	0.701	6.18
69) T	o-Xylene	0.595	0.594	0.618	0.651	0.679	0.645	0.630	5.34
70) T	Styrene	1.029	0.985	1.077	1.150	1.234	1.137	1.102	8.17
71) P	Bromoform	0.197	0.202	0.200	0.199	0.192	0.188	0.196	2.65
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.475	3.316	3.638	3.744	3.745	3.568	3.581	4.64
74) T	N-amyl acetate	0.764	0.732	0.803	0.851	0.801	0.796	0.791	5.08
75) P	1,1,2,2-Tetrachlo	0.596	0.591	0.615	0.610	0.563	0.562	0.589	3.88
76) T	1,2,3-Trichloropr	0.531	0.421	0.452	0.447	0.343	0.432	0.438	13.83
77) T	Bromobenzene	0.790	0.835	0.832	0.832	0.777	0.765	0.805	3.93
78) T	n-propylbenzene	4.116	4.061	4.451	4.526	4.469	4.263	4.314	4.56
79) T	2-Chlorotoluene	2.348	2.222	2.441	2.462	2.439	2.347	2.376	3.81
80) T	1,3,5-Trimethylbe	2.837	2.830	3.029	3.139	3.146	2.980	2.994	4.65
81) T	trans-1,4-Dichlor	0.214	0.186	0.206	0.212	0.202	0.202	0.204	4.97
82) T	4-Chlorotoluene	2.442	2.363	2.601	2.662	2.649	2.519	2.539	4.73
83) T	tert-Butylbenzene	2.424	2.315	2.474	2.688	2.678	2.537	2.519	5.81
84) T	1,2,4-Trimethylbe	2.794	2.637	2.999	3.137	3.161	2.967	2.949	6.86
85) T	sec-Butylbenzene	3.490	3.375	3.613	3.794	3.720	3.550	3.590	4.26
86) T	p-Isopropyltoluen	3.111	2.876	3.291	3.505	3.504	3.279	3.261	7.39
87) T	1,3-Dichlorobenze	1.514	1.541	1.573	1.642	1.612	1.503	1.564	3.53
88) T	1,4-Dichlorobenze	1.623	1.564	1.606	1.621	1.566	1.463	1.574	3.83
89) T	n-Butylbenzene	3.034	2.976	3.221	3.382	3.327	3.140	3.180	5.05
90) T	Hexachloroethane	0.660	0.669	0.703	0.691	0.649	0.622	0.665	4.38
91) T	1,2-Dichlorobenze	1.385	1.314	1.408	1.441	1.370	1.304	1.370	3.88
92) T	1,2-Dibromo-3-Chl	0.097	0.069	0.098	0.104	0.091	0.090	0.091	13.34
93) T	1,2,4-Trichlorobe	0.901	0.804	0.927	0.936	0.829	0.816	0.869	6.83
94) T	Hexachlorobutadie	0.480	0.536	0.498	0.538	0.466	0.454	0.496	7.18
95) T	Naphthalene	1.453	1.499	1.623	1.698	1.522	1.563	1.560	5.70
96) T	1,2,3-Trichlorobe	0.743	0.690	0.758	0.768	0.693	0.698	0.725	4.86

(#) = Out of Range