

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D080520S.M
 Title : SW846 8260
 Last Update : Wed Aug 05 13:49:25 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD066123.D 5 =VD066122.D 20 =VD066124.D
 50 =VD066125.D 100 =VD066126.D 150 =VD066127.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.537	0.427	0.507	0.388	0.394	0.390	0.441	14.80
3) P	Chloromethane	0.406	0.386	0.374	0.298	0.294	0.300	0.343	14.91
4) C	Vinyl Chloride	0.349	0.308	0.320	0.275	0.284	0.285	0.303	9.22#
5) T	Bromomethane	0.233	0.236	0.197	0.190	0.181	0.170	0.201	13.52
6) T	Chloroethane	0.222	0.204	0.186	0.169	0.171	0.166	0.186	11.98
7) T	Trichlorofluorome	0.880	0.864	0.787	0.730	0.750	0.735	0.791	8.37
8) T	Diethyl Ether	0.227	0.233	0.215	0.215	0.223	0.226	0.223	3.16
9) T	1,1,2-Trichlorotr	0.529	0.492	0.464	0.444	0.450	0.438	0.469	7.42
10) T	Methyl Iodide	0.279	0.252	0.292	0.361	0.452	0.482	0.353	27.15
11) T	Tert butyl alcoho	0.057	0.082	0.042	0.031	0.030	0.030	0.046	45.12
12) CM	1,1-Dichloroethen	0.484	0.467	0.440	0.420	0.426	0.421	0.443	6.01#
13) T	Acrolein	0.038	0.039	0.035	0.032	0.034	0.035	0.036	7.81
14) T	Allyl chloride	0.705	0.703	0.661	0.648	0.660	0.648	0.671	3.88
15) T	Acrylonitrile	0.104	0.089	0.091	0.091	0.096	0.094	0.094	5.72
16) T	Acetone	0.093	0.091	0.075	0.085	0.083	0.081	0.085	7.77
17) T	Carbon Disulfide	1.558	1.467	1.407	1.330	1.361	1.324	1.408	6.46
18) T	Methyl Acetate	0.232	0.254	0.202	0.194	0.207	0.201	0.215	10.74
19) T	Methyl tert-butyl	1.094	0.985	0.997	0.979	1.020	1.014	1.015	4.14
20) T	Methylene Chlorid	0.651	0.817	0.580	0.488	0.464	0.455	0.576	24.39
21) T	trans-1,2-Dichlor	0.560	0.536	0.505	0.482	0.489	0.480	0.509	6.44
22) T	Diisopropyl ether	1.448	1.307	1.323	1.291	1.309	1.282	1.327	4.60
23) T	Vinyl Acetate	0.836	0.736	0.762	0.773	0.788	0.768	0.777	4.33
24) P	1,1-Dichloroethan	0.882	0.875	0.810	0.783	0.798	0.779	0.821	5.58
25) T	2-Butanone	0.136	0.134	0.120	0.118	0.120	0.118	0.124	6.75
26) T	2,2-Dichloropropa	0.827	0.829	0.721	0.690	0.686	0.663	0.736	9.99
27) T	cis-1,2-Dichloroe	0.573	0.550	0.516	0.517	0.535	0.510	0.534	4.56
28) T	Bromochloromethan	0.289	0.310	0.284	0.288	0.280	0.279	0.288	3.92
29) T	Tetrahydrofuran	0.081	0.078	0.074	0.076	0.078	0.076	0.077	3.08
30) C	Chloroform	0.943	0.924	0.836	0.822	0.836	0.811	0.862	6.56#
31) T	Cyclohexane	0.893	0.915	0.751	0.707	0.723	0.700	0.781	12.36
32) T	1,1,1-Trichloroet	0.876	0.843	0.803	0.777	0.790	0.761	0.808	5.35
33) S	1,2-Dichloroethan	0.442	0.496	0.401	0.448	0.439	0.449	0.446	6.83

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.314	0.340	0.299	0.326	0.315	0.307	0.317	4.55
36) T	1,1-Dichloroprope	0.507	0.488	0.475	0.461	0.455	0.433	0.470	5.53
37) T	Ethyl Acetate	0.194	0.211	0.170	0.175	0.187	0.180	0.186	7.97
38) T	Carbon Tetrachlor	0.580	0.540	0.526	0.500	0.513	0.485	0.524	6.41
39) T	Methylcyclohexane	0.608	0.556	0.568	0.559	0.569	0.548	0.568	3.71
40) TM	Benzene	1.426	1.366	1.308	1.258	1.265	1.198	1.303	6.28
41) T	Methacrylonitrile	0.117	0.091	0.115	0.104	0.111	0.119	0.109	9.72
42) TM	1,2-Dichloroethan	0.419	0.409	0.367	0.369	0.372	0.361	0.383	6.48
43) T	Isopropyl Acetate	0.397	0.353	0.362	0.352	0.373	0.364	0.367	4.49
44) TM	Trichloroethene	0.422	0.398	0.403	0.379	0.386	0.370	0.393	4.69
45) C	1,2-Dichloropropa	0.347	0.326	0.317	0.307	0.314	0.302	0.319	5.08#
46) T	Dibromomethane	0.198	0.168	0.171	0.175	0.175	0.166	0.176	6.67
47) T	Bromodichlorometh	0.518	0.463	0.452	0.452	0.459	0.440	0.464	5.91
48) T	Methyl methacryla	0.200	0.194	0.185	0.192	0.177	0.176	0.187	5.16
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	9.17
50) S	Toluene-d8	1.138	1.232	1.078	1.220	1.172	1.173	1.169	4.82
51) T	4-Methyl-2-Pentan	0.208	0.186	0.184	0.186	0.186	0.181	0.188	5.14
52) CM	Toluene	0.930	0.876	0.850	0.850	0.836	0.804	0.858	4.96#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.483	0.414	0.433	0.436	0.444	0.432	0.440	5.24
54) T	cis-1,3-Dichlorop	0.542	0.500	0.513	0.510	0.523	0.508	0.516	2.87
55) T	1,1,2-Trichloroet	0.291	0.265	0.241	0.242	0.245	0.233	0.253	8.48
56) T	Ethyl methacrylat	0.322	0.268	0.294	0.309	0.320	0.310	0.304	6.67
57) T	1,3-Dichloropropa	0.456	0.418	0.422	0.413	0.410	0.400	0.420	4.55
58) T	2-Chloroethyl Vin	0.145	0.123	0.134	0.139	0.140	0.138	0.137	5.39
59) T	2-Hexanone	0.145	0.128	0.130	0.131	0.133	0.127	0.132	4.96
60) T	Dibromochlorometh	0.378	0.361	0.340	0.343	0.341	0.331	0.349	4.96
61) T	1,2-Dibromoethane	0.259	0.241	0.245	0.240	0.241	0.233	0.243	3.61
62) S	4-Bromofluorobenz	0.411	0.467	0.392	0.428	0.419	0.412	0.421	5.96
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.418	0.398	0.386	0.366	0.378	0.358	0.384	5.63
65) PM	Chlorobenzene	1.079	1.069	1.023	0.980	0.987	0.952	1.015	5.02
66) T	1,1,1,2-Tetrachlo	0.431	0.422	0.394	0.385	0.386	0.365	0.397	6.25
67) C	Ethyl Benzene	1.861	1.788	1.763	1.713	1.754	1.676	1.759	3.61#
68) T	m/p-Xylenes	0.729	0.678	0.690	0.674	0.676	0.642	0.681	4.15
69) T	o-Xylene	0.650	0.611	0.621	0.612	0.633	0.594	0.620	3.13
70) T	Styrene	1.161	1.041	1.109	1.081	1.088	1.039	1.086	4.20
71) P	Bromoform	0.261	0.241	0.231	0.227	0.229	0.222	0.235	6.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.457	3.275	3.407	3.323	3.330	3.234	3.338	2.47
74) T	N-amyl acetate	0.773	0.655	0.719	0.749	0.753	0.761	0.735	5.84
75) P	1,1,2,2-Tetrachlo	0.618	0.618	0.560	0.538	0.542	0.539	0.569	6.79
76) T	1,2,3-Trichloropr	0.423	0.456	0.452	0.389	0.397	0.383	0.417	7.66
77) T	Bromobenzene	0.898	0.883	0.871	0.843	0.839	0.821	0.859	3.44
78) T	n-propylbenzene	4.073	3.871	3.947	3.834	3.823	3.732	3.880	3.03
79) T	2-Chlorotoluene	2.315	2.261	2.239	2.202	2.166	2.131	2.219	3.01
80) T	1,3,5-Trimethylbe	2.907	2.725	2.840	2.804	2.774	2.698	2.791	2.74
81) T	trans-1,4-Dichlor	0.194	0.196	0.179	0.187	0.188	0.187	0.189	3.33
82) T	4-Chlorotoluene	2.493	2.389	2.346	2.323	2.270	2.233	2.342	3.94
83) T	tert-Butylbenzene	2.517	2.372	2.499	2.483	2.470	2.388	2.455	2.46
84) T	1,2,4-Trimethylbe	2.838	2.821	2.870	2.811	2.750	2.670	2.793	2.58
85) T	sec-Butylbenzene	3.542	3.203	3.324	3.316	3.291	3.210	3.314	3.71
86) T	p-Isopropyltoluen	3.264	3.035	3.194	3.095	3.070	2.993	3.108	3.28
87) T	1,3-Dichlorobenze	1.732	1.727	1.633	1.558	1.533	1.506	1.615	6.09
88) T	1,4-Dichlorobenze	1.730	1.687	1.622	1.568	1.548	1.508	1.610	5.32
89) T	n-Butylbenzene	2.827	2.728	2.806	2.804	2.800	2.746	2.785	1.40
90) T	Hexachloroethane	0.662	0.639	0.619	0.595	0.601	0.604	0.620	4.17
91) T	1,2-Dichlorobenze	1.507	1.531	1.444	1.383	1.358	1.346	1.428	5.50
92) T	1,2-Dibromo-3-Chl	0.103	0.104	0.099	0.091	0.095	0.094	0.098	5.30
93) T	1,2,4-Trichlorobe	1.080	1.039	1.044	1.046	1.064	1.042	1.052	1.51
94) T	Hexachlorobutadie	0.659	0.626	0.612	0.602	0.619	0.600	0.620	3.45
95) T	Naphthalene	1.642	1.565	1.672	1.761	1.835	1.813	1.715	6.17
96) T	1,2,3-Trichlorobe	0.926	0.948	0.927	0.927	0.933	0.914	0.929	1.19

(#) = Out of Range