

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D110320S.M
 Title : SW846 8260
 Last Update : Wed Nov 04 00:56:28 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD067502.D 5 =VD067501.D 20 =VD067503.D
 50 =VD067504.D 100 =VD067505.D 150 =VD067506.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.544	0.513	0.508	0.411	0.389	0.378	0.457	15.86
3) P	Chloromethane	0.356	0.338	0.336	0.275	0.281	0.283	0.311	11.39
4) C	Vinyl Chloride	0.366	0.391	0.367	0.329	0.317	0.314	0.347	9.11#
5) T	Bromomethane	0.312	0.330	0.291	0.263	0.248	0.244	0.281	12.57
6) T	Chloroethane	0.238	0.231	0.219	0.210	0.194	0.193	0.214	8.75
7) T	Trichlorofluorome	0.994	0.991	0.946	0.851	0.805	0.806	0.899	9.88
8) T	Diethyl Ether	0.181	0.193	0.188	0.172	0.176	0.177	0.181	4.45
9) T	1,1,2-Trichlorotr	0.491	0.484	0.480	0.435	0.417	0.416	0.454	7.72
10) T	Methyl Iodide	0.453	0.396	0.473	0.520	0.538	0.538	0.486	11.62
11) T	Tert butyl alcoho	0.025	0.028	0.024	0.019	0.017	0.018	0.022	20.36
12) CM	1,1-Dichloroethen	0.449	0.428	0.446	0.396	0.394	0.392	0.417	6.38#
13) T	Acrolein	0.011	0.013	0.010	0.019	0.021	0.021	0.016	31.68
14) T	Allyl chloride	0.465	0.445	0.440	0.442	0.442	0.446	0.447	2.07
15) T	Acrylonitrile	0.070	0.068	0.069	0.066	0.064	0.064	0.067	3.97
16) T	Acetone	0.067	0.062	0.060	0.072	0.068	0.064	0.065	6.63
17) T	Carbon Disulfide	1.367	1.353	1.326	1.229	1.196	1.201	1.279	6.15
18) T	Methyl Acetate	0.141	0.165	0.137	0.120	0.122	0.125	0.135	12.67
19) T	Methyl tert-butyl	0.821	0.781	0.838	0.826	0.834	0.838	0.823	2.62
20) T	Methylene Chlorid	0.517	0.538	0.478	0.424	0.409	0.407	0.462	12.42
21) T	trans-1,2-Dichlor	0.514	0.528	0.500	0.469	0.458	0.449	0.486	6.62
22) T	Diisopropyl ether	0.899	0.840	0.937	0.867	0.840	0.840	0.870	4.59
23) T	Vinyl Acetate	0.450	0.371	0.471	0.477	0.477	0.489	0.456	9.56
24) P	1,1-Dichloroethan	0.780	0.738	0.730	0.679	0.673	0.672	0.712	6.23
25) T	2-Butanone	0.072	0.069	0.072	0.069	0.068	0.069	0.070	2.36
26) T	2,2-Dichloropropa	0.793	0.802	0.773	0.730	0.709	0.703	0.751	5.74
27) T	cis-1,2-Dichloroe	0.528	0.519	0.516	0.501	0.480	0.484	0.505	3.90
28) T	Bromochloromethan	0.263	0.248	0.247	0.254	0.252	0.256	0.253	2.30
29) T	Tetrahydrofuran	0.043	0.039	0.043	0.042	0.041	0.043	0.042	3.90
30) C	Chloroform	0.924	0.898	0.861	0.826	0.793	0.796	0.849	6.39#
31) T	Cyclohexane	0.719	0.776	0.619	0.596	0.548	0.548	0.634	14.76
32) T	1,1,1-Trichloroet	0.965	0.944	0.899	0.834	0.807	0.810	0.876	7.90
33) S	1,2-Dichloroethan	0.489	0.505	0.468	0.388	0.391	0.383	0.437	12.78

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.327	0.331	0.314	0.287	0.276	0.272	0.301	8.72
36) T	1,1-Dichloroprope	0.454	0.441	0.438	0.424	0.405	0.405	0.428	4.70
37) T	Ethyl Acetate	0.120	0.103	0.113	0.117	0.107	0.107	0.111	5.90
38) T	Carbon Tetrachlor	0.604	0.567	0.571	0.550	0.523	0.520	0.556	5.72
39) T	Methylcyclohexane	0.524	0.473	0.493	0.534	0.498	0.500	0.504	4.42
40) TM	Benzene	1.233	1.187	1.205	1.161	1.091	1.079	1.159	5.34
41) T	Methacrylonitrile	0.074	0.068	0.068	0.061	0.060	0.068	0.066	7.62
42) TM	1,2-Dichloroethan	0.377	0.372	0.373	0.354	0.339	0.335	0.358	5.16
43) T	Isopropyl Acetate	0.225	0.221	0.219	0.220	0.214	0.221	0.220	1.71
44) TM	Trichloroethene	0.397	0.420	0.388	0.371	0.356	0.355	0.381	6.67
45) C	1,2-Dichloropropa	0.264	0.267	0.252	0.246	0.239	0.236	0.251	5.18#
46) T	Dibromomethane	0.168	0.169	0.163	0.160	0.149	0.148	0.159	5.74
47) T	Bromodichlorometh	0.446	0.448	0.453	0.436	0.407	0.408	0.433	4.71
48) T	Methyl methacryla	0.111	0.116	0.108	0.119	0.108	0.118	0.113	4.48
49) T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.001	0.002	10.77
50) S	Toluene-d8	1.195	1.118	1.137	0.996	0.971	0.936	1.059	9.90
51) T	4-Methyl-2-Pentan	0.107	0.101	0.108	0.108	0.104	0.103	0.105	2.78
52) CM	Toluene	0.799	0.756	0.819	0.787	0.758	0.740	0.777	3.87#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.378	0.352	0.383	0.375	0.369	0.369	0.371	2.88
54) T	cis-1,3-Dichlorop	0.459	0.439	0.448	0.440	0.430	0.428	0.441	2.64
55) T	1,1,2-Trichloroet	0.223	0.210	0.222	0.213	0.199	0.197	0.211	5.26
56) T	Ethyl methacrylat	0.227	0.193	0.212	0.226	0.224	0.226	0.218	6.14
57) T	1,3-Dichloropropa	0.357	0.340	0.342	0.343	0.327	0.326	0.339	3.36
58) T	2-Chloroethyl Vin	0.097	0.104	0.097	0.108	0.104	0.099	0.102	4.25
59) T	2-Hexanone	0.074	0.064	0.073	0.079	0.077	0.075	0.073	7.20
60) T	Dibromochlorometh	0.336	0.303	0.327	0.316	0.295	0.295	0.312	5.59
61) T	1,2-Dibromoethane	0.224	0.219	0.220	0.209	0.200	0.198	0.212	5.21
62) S	4-Bromofluorobenz	0.405	0.386	0.379	0.346	0.341	0.336	0.365	7.76
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.400	0.403	0.391	0.364	0.332	0.332	0.370	8.86
65) PM	Chlorobenzene	1.032	0.997	1.003	0.952	0.902	0.892	0.963	5.93
66) T	1,1,1,2-Tetrachlo	0.408	0.400	0.388	0.374	0.353	0.355	0.380	6.03
67) C	Ethyl Benzene	1.683	1.590	1.725	1.681	1.612	1.598	1.648	3.38#
68) T	m/p-Xylenes	0.661	0.625	0.682	0.652	0.618	0.609	0.641	4.44
69) T	o-Xylene	0.577	0.537	0.605	0.585	0.570	0.561	0.572	4.03
70) T	Styrene	1.050	0.934	1.074	1.018	0.961	0.949	0.998	5.81
71) P	Bromoform	0.203	0.188	0.210	0.192	0.181	0.187	0.194	5.71
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.222	2.944	3.364	3.396	3.227	3.235	3.231	4.94
74) T	N-amyl acetate	0.421	0.398	0.409	0.439	0.428	0.457	0.425	4.95
75) P	1,1,2,2-Tetrachlo	0.455	0.460	0.452	0.434	0.419	0.423	0.441	4.00
76) T	1,2,3-Trichloropr	0.330	0.238	0.356	0.282	0.272	0.333	0.302	14.87
77) T	Bromobenzene	0.822	0.787	0.831	0.800	0.749	0.772	0.794	3.86
78) T	n-propylbenzene	3.770	3.447	3.857	3.864	3.606	3.633	3.696	4.42
79) T	2-Chlorotoluene	2.118	1.983	2.209	2.165	2.046	2.076	2.100	3.90
80) T	1,3,5-Trimethylbe	2.804	2.499	2.870	2.915	2.733	2.742	2.760	5.31
81) T	trans-1,4-Dichlor	0.170	0.146	0.148	0.142	0.138	0.147	0.149	7.69
82) T	4-Chlorotoluene	2.362	2.164	2.367	2.299	2.142	2.177	2.252	4.58
83) T	tert-Butylbenzene	2.294	2.115	2.393	2.470	2.364	2.401	2.339	5.29
84) T	1,2,4-Trimethylbe	2.793	2.505	2.883	2.899	2.685	2.722	2.748	5.31
85) T	sec-Butylbenzene	3.175	2.926	3.178	3.363	3.146	3.162	3.158	4.41
86) T	p-Isopropyltoluen	3.150	2.815	3.147	3.190	3.001	2.996	3.050	4.62
87) T	1,3-Dichlorobenze	1.614	1.555	1.541	1.519	1.410	1.447	1.514	4.91
88) T	1,4-Dichlorobenze	1.662	1.649	1.564	1.511	1.402	1.412	1.533	7.34
89) T	n-Butylbenzene	2.603	2.462	2.630	2.837	2.628	2.645	2.634	4.56
90) T	Hexachloroethane	0.572	0.563	0.576	0.584	0.569	0.581	0.574	1.39
91) T	1,2-Dichlorobenze	1.356	1.370	1.344	1.314	1.232	1.246	1.311	4.46
92) T	1,2-Dibromo-3-Chl	0.087	0.067	0.081	0.076	0.077	0.081	0.078	8.35
93) T	1,2,4-Trichlorobe	0.884	0.854	0.893	0.919	0.892	0.895	0.890	2.38
94) T	Hexachlorobutadie	0.607	0.679	0.557	0.594	0.573	0.563	0.595	7.55
95) T	Naphthalene	1.246	1.157	1.339	1.491	1.481	1.523	1.373	10.90
96) T	1,2,3-Trichlorobe	0.735	0.739	0.776	0.796	0.759	0.764	0.762	2.99

(#) = Out of Range