

Method Path : Z:\VOASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : 82Y040820S.M
 Title : SW846 8260
 Last Update : Wed Apr 08 15:15:02 2020
 Response Via : Initial Calibration

Calibration Files

10 =VY002245.D 5 =VY002244.D 20 =VY002246.D
 50 =VY002249.D 100 =VY002247.D 150 =VY002248.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.546	0.519	0.496	0.508	0.466	0.497	0.505	5.27
3) P	Chloromethane	0.705	0.647	0.665	0.620	0.572	0.607	0.636	7.37
4) C	Vinyl Chloride	0.737	0.711	0.687	0.669	0.618	0.639	0.677	6.52#
5) T	Bromomethane	0.499	0.468	0.417	0.420	0.364	0.341	0.418	14.31
6) T	Chloroethane	0.431	0.385	0.411	0.385	0.363	0.367	0.390	6.74
7) T	Trichlorofluorome	0.936	0.972	0.867	0.834	0.800	0.836	0.874	7.61
8) T	Diethyl Ether	0.380	0.385	0.382	0.363	0.354	0.366	0.372	3.30
9) T	1,1,2-Trichlorotr	0.626	0.642	0.607	0.572	0.546	0.570	0.594	6.22
10) T	Methyl Iodide	0.690	0.597	0.710	0.680	0.714	0.751	0.690	7.50
11) T	Tert butyl alcoho	0.083	0.110	0.076	0.058	0.059	0.053	0.073	29.33
12) CM	1,1-Dichloroethen	0.648	0.632	0.611	0.584	0.562	0.585	0.604	5.33#
13) T	Acrolein	0.073	0.076	0.071	0.070	0.072	0.068	0.072	3.49
14) T	Allyl chloride	1.013	1.040	0.997	0.964	0.912	0.924	0.975	5.20
15) T	Acrylonitrile	0.200	0.197	0.199	0.184	0.183	0.177	0.190	5.30
16) T	Acetone	0.157	0.162	0.149	0.150	0.136	0.125	0.146	9.41
17) T	Carbon Disulfide	2.117	2.079	2.014	1.957	1.894	1.969	2.005	4.11
18) T	Methyl Acetate	0.477	0.493	0.475	0.438	0.429	0.413	0.454	6.98
19) T	Methyl tert-butyl	1.662	1.628	1.630	1.565	1.523	1.516	1.587	3.86
20) T	Methylene Chlorid	0.800	0.865	0.718	0.657	0.626	0.653	0.720	13.12
21) T	trans-1,2-Dichlor	0.719	0.714	0.691	0.657	0.630	0.656	0.678	5.30
22) T	Diisopropyl ether	2.125	2.054	2.089	1.937	1.780	1.787	1.962	7.75
23) T	Vinyl Acetate	1.325	1.292	1.322	1.235	1.183	1.145	1.250	6.01
24) P	1,1-Dichloroethan	1.187	1.161	1.150	1.089	1.045	1.064	1.116	5.18
25) T	2-Butanone	0.249	0.258	0.240	0.224	0.218	0.203	0.232	8.96
26) T	2,2-Dichloropropa	1.024	1.085	0.929	0.879	0.830	0.854	0.934	10.84
27) T	cis-1,2-Dichloroe	0.772	0.771	0.763	0.718	0.694	0.714	0.739	4.63
28) T	Bromochloromethan	0.499	0.509	0.494	0.477	0.452	0.458	0.482	4.76
29) T	Tetrahydrofuran	0.169	0.164	0.160	0.147	0.145	0.134	0.153	8.71
30) C	Chloroform	1.124	1.079	1.085	1.022	0.987	1.016	1.052	4.93#
31) T	Cyclohexane	1.279	1.379	1.182	1.109	1.023	1.055	1.171	11.71
32) T	1,1,1-Trichloroet	0.919	0.878	0.898	0.868	0.831	0.859	0.876	3.50
33) S	1,2-Dichloroethan	0.564	0.619	0.537	0.541	0.537	0.537	0.556	5.89
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.297	0.307	0.292	0.294	0.300	0.295	0.298	1.75
36) T	1,1-Dichloroprope	0.521	0.511	0.526	0.478	0.456	0.463	0.492	6.24
37) T	Ethyl Acetate	0.311	0.299	0.304	0.267	0.261	0.247	0.281	9.38
38) T	Carbon Tetrachlor	0.436	0.443	0.439	0.408	0.396	0.406	0.421	4.77
39) T	Methylcyclohexane	0.706	0.727	0.684	0.648	0.621	0.635	0.670	6.27
40) TM	Benzene	1.607	1.535	1.558	1.450	1.393	1.421	1.494	5.68
41) T	Methacrylonitrile	0.184	0.197	0.159	0.144	0.159	0.153	0.166	12.17
42) TM	1,2-Dichloroethan	0.394	0.383	0.394	0.356	0.347	0.347	0.370	6.12
43) T	Isopropyl Acetate	0.543	0.536	0.538	0.494	0.494	0.473	0.513	5.83
44) TM	Trichloroethene	0.472	0.463	0.462	0.418	0.410	0.411	0.439	6.66
45) C	1,2-Dichloropropa	0.399	0.377	0.393	0.359	0.346	0.350	0.371	6.00#
46) T	Dibromomethane	0.206	0.199	0.202	0.189	0.184	0.184	0.194	4.96
47) T	Bromodichlorometh	0.464	0.439	0.466	0.434	0.429	0.437	0.445	3.52
48) T	Methyl methacryla	0.235	0.251	0.236	0.225	0.223	0.211	0.230	5.96
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	5.89
50) S	Toluene-d8	1.264	1.310	1.231	1.234	1.220	1.213	1.245	2.91
51) T	4-Methyl-2-Pentan	0.291	0.281	0.286	0.254	0.255	0.237	0.267	8.18
52) CM	Toluene	0.951	0.925	0.943	0.879	0.847	0.858	0.900	4.99#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.492	0.471	0.514	0.482	0.474	0.474	0.485	3.36
54) T	cis-1,3-Dichlorop	0.611	0.568	0.613	0.577	0.559	0.567	0.583	4.03
55) T	1,1,2-Trichloroet	0.299	0.291	0.298	0.276	0.270	0.270	0.284	4.79
56) T	Ethyl methacrylat	0.415	0.397	0.428	0.402	0.397	0.391	0.405	3.50
57) T	1,3-Dichloropropa	0.536	0.510	0.522	0.484	0.472	0.470	0.499	5.52
58) T	2-Chloroethyl Vin	0.210	0.232	0.221	0.198	0.204	0.193	0.210	6.99
59) T	2-Hexanone	0.200	0.196	0.198	0.179	0.177	0.164	0.186	7.83
60) T	Dibromochlorometh	0.309	0.294	0.313	0.299	0.300	0.300	0.303	2.34
61) T	1,2-Dibromoethane	0.285	0.275	0.283	0.261	0.261	0.257	0.270	4.47
62) S	4-Bromofluorobenz	0.418	0.443	0.406	0.411	0.400	0.388	0.411	4.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.547	0.538	0.527	0.492	0.472	0.457	0.506	7.31
65) PM	Chlorobenzene	1.120	1.077	1.088	1.012	0.963	0.977	1.039	6.19
66) T	1,1,1,2-Tetrachlo	0.370	0.340	0.357	0.341	0.325	0.327	0.343	5.06
67) C	Ethyl Benzene	2.079	1.959	1.974	1.858	1.774	1.772	1.903	6.43#
68) T	m/p-Xylenes	0.777	0.747	0.737	0.692	0.664	0.660	0.713	6.73
69) T	o-Xylene	0.730	0.700	0.684	0.653	0.624	0.624	0.669	6.41
70) T	Styrene	1.253	1.182	1.211	1.142	1.092	1.085	1.161	5.76
71) P	Bromoform	0.195	0.172	0.192	0.189	0.188	0.184	0.187	4.30
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.117	3.985	4.035	3.877	3.739	3.815	3.928	3.63
74) T	N-amyl acetate	1.194	1.128	1.167	1.073	1.088	1.040	1.115	5.26
75) P	1,1,2,2-Tetrachlo	0.491	0.445	0.484	0.465	0.478	0.488	0.475	3.70
76) T	1,2,3-Trichloropr	0.585	0.526	0.616	0.605	0.541	0.612	0.581	6.66
77) T	Bromobenzene	0.915	0.849	0.898	0.849	0.834	0.840	0.864	3.88
78) T	n-propylbenzene	5.182	5.116	5.009	4.751	4.588	4.667	4.885	5.10
79) T	2-Chlorotoluene	2.778	2.735	2.760	2.578	2.515	2.563	2.655	4.35
80) T	1,3,5-Trimethylbe	3.422	3.335	3.352	3.192	3.074	3.116	3.249	4.35
81) T	trans-1,4-Dichlor	0.298	0.278	0.314	0.300	0.301	0.299	0.299	3.86
82) T	4-Chlorotoluene	2.952	2.967	2.881	2.710	2.563	2.622	2.783	6.26
83) T	tert-Butylbenzene	2.873	2.889	2.751	2.696	2.537	2.581	2.721	5.36
84) T	1,2,4-Trimethylbe	3.469	3.299	3.376	3.180	3.045	3.095	3.244	5.10
85) T	sec-Butylbenzene	4.331	4.412	4.131	3.950	3.731	3.767	4.054	7.05
86) T	p-Isopropyltoluen	3.767	3.645	3.629	3.434	3.222	3.235	3.489	6.54
87) T	1,3-Dichlorobenze	1.810	1.792	1.737	1.624	1.544	1.541	1.675	7.23
88) T	1,4-Dichlorobenze	1.870	1.805	1.750	1.626	1.564	1.586	1.700	7.43
89) T	n-Butylbenzene	3.888	3.858	3.725	3.469	3.250	3.267	3.576	8.02
90) T	Hexachloroethane	0.696	0.695	0.675	0.649	0.630	0.644	0.665	4.16
91) T	1,2-Dichlorobenze	1.634	1.549	1.601	1.486	1.426	1.436	1.522	5.69
92) T	1,2-Dibromo-3-Chl	0.114	0.124	0.118	0.111	0.114	0.109	0.115	4.62
93) T	1,2,4-Trichlorobe	1.081	1.124	1.009	0.941	0.897	0.916	0.995	9.31
94) T	Hexachlorobutadie	0.555	0.541	0.520	0.485	0.452	0.454	0.501	8.76
95) T	Naphthalene	2.261	2.235	2.206	2.153	2.112	2.100	2.178	3.04
96) T	1,2,3-Trichlorobe	0.916	0.980	0.882	0.826	0.782	0.797	0.864	8.82

(#) = Out of Range