

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
 Method File : 82W062320S.M
 Title : SW846 8260
 Last Update : Tue Jun 23 13:20:19 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015653.D 5 =VW015652.D 20 =VW015654.D
 50 =VW015655.D 100 =VW015656.D 150 =VW015657.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.312	0.243	0.280	0.328	0.321	0.305	0.298	10.64
3) P	Chloromethane	0.390	0.373	0.329	0.343	0.332	0.333	0.350	7.33
4) C	Vinyl Chloride	0.635	0.538	0.568	0.594	0.543	0.518	0.566	7.58#
5) T	Bromomethane	0.472	0.415	0.431	0.409	0.384	0.386	0.416	7.82
6) T	Chloroethane	0.416	0.357	0.377	0.390	0.351	0.343	0.372	7.36
7) T	Trichlorofluorome	0.441	0.368	0.412	0.475	0.427	0.427	0.425	8.23
8) T	Diethyl Ether	0.264	0.245	0.254	0.247	0.234	0.229	0.245	5.25
9) T	1,1,2-Trichlorotr	0.556	0.485	0.507	0.514	0.472	0.471	0.501	6.43
10) T	Methyl Iodide	0.735	0.712	0.709	0.732	0.683	0.679	0.708	3.31
11) T	Tert butyl alcoho	0.038	0.060	0.041	0.030	0.031	0.027	0.038	31.61
12) CM	1,1-Dichloroethen	0.535	0.465	0.485	0.507	0.465	0.468	0.488	5.85#
13) T	Acrolein	0.040	0.041	0.044	0.036	0.036	0.035	0.039	8.55
14) T	Allyl chloride	0.820	0.759	0.783	0.810	0.798	0.778	0.791	2.84
15) T	Acrylonitrile	0.105	0.102	0.107	0.100	0.101	0.093	0.101	4.74
16) T	Acetone	0.106	0.109	0.107	0.112	0.108	0.092	0.106	6.70
17) T	Carbon Disulfide	1.442	1.264	1.367	1.517	1.421	1.411	1.404	6.00
18) T	Methyl Acetate	0.252	0.331	0.270	0.221	0.220	0.200	0.249	18.99
19) T	Methyl tert-butyl	0.784	0.758	0.771	0.742	0.698	0.651	0.734	6.86
20) T	Methylene Chlorid	0.691	0.702	0.581	0.541	0.506	0.475	0.583	16.29
21) T	trans-1,2-Dichlor	0.597	0.566	0.545	0.568	0.547	0.531	0.559	4.16
22) T	Diisopropyl ether	1.659	1.533	1.600	1.639	1.541	1.471	1.574	4.54
23) T	Vinyl Acetate	0.931	0.815	0.946	0.970	0.945	0.900	0.918	6.04
24) P	1,1-Dichloroethan	1.054	1.008	0.993	1.000	0.953	0.936	0.991	4.24
25) T	2-Butanone	0.146	0.156	0.148	0.143	0.139	0.125	0.143	7.39
26) T	2,2-Dichloropropa	0.747	0.744	0.663	0.661	0.596	0.576	0.664	10.79
27) T	cis-1,2-Dichloroe	0.626	0.584	0.606	0.628	0.589	0.576	0.602	3.67
28) T	Bromochloromethan	0.402	0.412	0.396	0.368	0.357	0.352	0.381	6.64
29) T	Tetrahydrofuran	0.085	0.085	0.089	0.085	0.084	0.077	0.084	4.57
30) C	Chloroform	1.086	1.049	1.019	1.038	0.965	0.938	1.016	5.42#
31) T	Cyclohexane	1.047	1.052	0.940	0.970	0.884	0.857	0.958	8.48
32) T	1,1,1-Trichloroet	0.930	0.861	0.856	0.906	0.836	0.808	0.866	5.19
33) S	1,2-Dichloroethan	0.595	0.627	0.594	0.530	0.496	0.496	0.556	10.11

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.334	0.345	0.324	0.306	0.285	0.293	0.315	7.58
36) T	1,1-Dichloroprope	0.560	0.480	0.517	0.561	0.512	0.491	0.520	6.54
37) T	Ethyl Acetate	0.201	0.208	0.209	0.202	0.196	0.175	0.199	6.33
38) T	Carbon Tetrachlor	0.529	0.462	0.503	0.547	0.501	0.483	0.504	6.11
39) T	Methylcyclohexane	0.654	0.537	0.614	0.701	0.647	0.626	0.630	8.63
40) TM	Benzene	1.519	1.347	1.409	1.506	1.381	1.322	1.414	5.79
41) T	Methacrylonitrile	0.117	0.102	0.126	0.116	0.117	0.107	0.114	7.49
42) TM	1,2-Dichloroethan	0.466	0.427	0.456	0.461	0.421	0.394	0.437	6.47
43) T	Isopropyl Acetate	0.413	0.373	0.422	0.409	0.396	0.365	0.396	5.70
44) TM	Trichloroethene	0.404	0.365	0.384	0.407	0.372	0.355	0.381	5.50
45) C	1,2-Dichloropropa	0.364	0.340	0.350	0.363	0.337	0.320	0.346	4.88#
46) T	Dibromomethane	0.191	0.177	0.178	0.186	0.177	0.164	0.179	5.18
47) T	Bromodichlorometh	0.479	0.434	0.470	0.496	0.473	0.447	0.466	4.79
48) T	Methyl methacryla	0.181	0.164	0.186	0.193	0.188	0.175	0.181	5.66
49) T	1,4-Dioxane	0.003	0.002	0.002	0.002	0.002	0.002	0.002	7.25
50) S	Toluene-d8	1.296	1.276	1.287	1.243	1.150	1.175	1.238	4.96
51) T	4-Methyl-2-Pentan	0.198	0.180	0.204	0.197	0.192	0.175	0.191	5.96
52) CM	Toluene	0.960	0.844	0.910	0.983	0.913	0.869	0.913	5.74#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.446	0.397	0.443	0.488	0.475	0.455	0.451	7.01
54) T	cis-1,3-Dichlorop	0.550	0.473	0.536	0.582	0.554	0.534	0.538	6.74
55) T	1,1,2-Trichloroet	0.263	0.240	0.253	0.259	0.247	0.230	0.249	4.88
56) T	Ethyl methacrylat	0.294	0.267	0.321	0.336	0.330	0.309	0.309	8.33
57) T	1,3-Dichloropropa	0.468	0.430	0.446	0.458	0.435	0.407	0.441	4.95
58) T	2-Chloroethyl Vin	0.156	0.123	0.159	0.146	0.148	0.147	0.146	8.66
59) T	2-Hexanone	0.131	0.117	0.138	0.138	0.136	0.120	0.130	7.25
60) T	Dibromochlorometh	0.287	0.251	0.295	0.315	0.305	0.285	0.290	7.53
61) T	1,2-Dibromoethane	0.244	0.227	0.247	0.250	0.237	0.221	0.238	4.96
62) S	4-Bromofluorobenz	0.474	0.471	0.481	0.459	0.429	0.422	0.456	5.44
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.379	0.349	0.339	0.373	0.339	0.328	0.351	5.80
65) PM	Chlorobenzene	1.129	1.022	1.062	1.114	1.007	0.992	1.054	5.41
66) T	1,1,1,2-Tetrachlo	0.392	0.336	0.369	0.395	0.374	0.352	0.370	6.17
67) C	Ethyl Benzene	2.087	1.792	1.962	2.110	1.940	1.880	1.962	6.18#
68) T	m/p-Xylenes	0.788	0.656	0.737	0.793	0.733	0.713	0.737	6.90
69) T	o-Xylene	0.707	0.601	0.673	0.733	0.682	0.668	0.677	6.53
70) T	Styrene	1.194	0.996	1.163	1.262	1.184	1.143	1.157	7.65
71) P	Bromoform	0.167	0.139	0.172	0.186	0.181	0.176	0.170	9.76
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.956	3.423	3.700	4.043	3.900	3.863	3.814	5.84
74) T	N-amyl acetate	0.811	0.744	0.824	0.839	0.840	0.794	0.809	4.48
75) P	1,1,2,2-Tetrachlo	0.653	0.599	0.628	0.615	0.602	0.563	0.610	4.98
76) T	1,2,3-Trichloropr	0.485	0.444	0.475	0.467	0.443	0.423	0.456	5.10
77) T	Bromobenzene	0.889	0.829	0.822	0.885	0.849	0.829	0.850	3.51
78) T	n-propylbenzene	4.769	4.185	4.539	4.914	4.595	4.545	4.591	5.38
79) T	2-Chlorotoluene	2.733	2.406	2.540	2.712	2.587	2.532	2.585	4.73
80) T	1,3,5-Trimethylbe	3.415	2.894	3.229	3.451	3.233	3.170	3.232	6.18
81) T	trans-1,4-Dichlor	0.166	0.140	0.178	0.195	0.205	0.202	0.181	13.82
82) T	4-Chlorotoluene	2.902	2.555	2.737	2.877	2.720	2.618	2.735	5.02
83) T	tert-Butylbenzene	2.995	2.418	2.626	2.864	2.720	2.761	2.731	7.28
84) T	1,2,4-Trimethylbe	3.435	2.926	3.181	3.447	3.205	3.145	3.223	6.07
85) T	sec-Butylbenzene	4.180	3.454	3.834	4.230	3.863	3.855	3.903	7.19
86) T	p-Isopropyltoluen	3.801	3.068	3.465	3.784	3.621	3.535	3.546	7.60
87) T	1,3-Dichlorobenze	1.817	1.619	1.683	1.760	1.669	1.583	1.688	5.17
88) T	1,4-Dichlorobenze	1.840	1.673	1.671	1.688	1.617	1.543	1.672	5.88
89) T	n-Butylbenzene	3.560	2.980	3.348	3.703	3.440	3.394	3.404	7.17
90) T	Hexachloroethane	0.650	0.565	0.612	0.677	0.641	0.642	0.631	6.10
91) T	1,2-Dichlorobenze	1.575	1.385	1.470	1.514	1.440	1.374	1.460	5.30
92) T	1,2-Dibromo-3-Chl	0.102	0.088	0.103	0.101	0.100	0.093	0.098	6.21
93) T	1,2,4-Trichlorobe	0.980	0.868	0.960	1.041	0.993	0.942	0.964	5.98
94) T	Hexachlorobutadie	0.666	0.564	0.588	0.654	0.610	0.602	0.614	6.38
95) T	Naphthalene	1.568	1.273	1.604	1.748	1.721	1.652	1.594	10.77
96) T	1,2,3-Trichlorobe	0.877	0.763	0.819	0.865	0.841	0.815	0.830	4.95

(#) = Out of Range