

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W041520S.M
 Title : SW846 8260
 Last Update : Wed Apr 15 14:44:16 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015197.D 5 =VW015196.D 20 =VW015198.D
 50 =VW015199.D 100 =VW015200.D 150 =VW015201.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.257	0.204	0.266	0.312	0.341	0.318	0.283	17.72
3) P	Chloromethane	0.427	0.405	0.426	0.439	0.479	0.471	0.441	6.48
4) C	Vinyl Chloride	0.512	0.392	0.527	0.558	0.572	0.556	0.520	12.77#
5) T	Bromomethane	0.278	0.235	0.269	0.285	0.289	0.285	0.274	7.36
6) T	Chloroethane	0.257	0.227	0.254	0.262	0.270	0.268	0.256	6.08
7) T	Trichlorofluorome	0.335	0.297	0.308	0.333	0.347	0.377	0.333	8.63
8) T	Diethyl Ether	0.248	0.224	0.257	0.276	0.274	0.261	0.257	7.43
9) T	1,1,2-Trichlorotr	0.513	0.443	0.509	0.544	0.528	0.498	0.506	6.86
10) T	Methyl Iodide	0.763	0.656	0.770	0.802	0.780	0.763	0.756	6.76
11) T	Tert butyl alcoho	0.036	0.039	0.029	0.034	0.038	0.033	0.035	10.22
12) CM	1,1-Dichloroethen	0.519	0.446	0.526	0.557	0.553	0.525	0.521	7.64#
13) T	Acrolein	0.037	0.040	0.034	0.034	0.039	0.035	0.036	6.62
14) T	Allyl chloride	0.768	0.650	0.787	0.817	0.805	0.798	0.771	7.98
15) T	Acrylonitrile	0.104	0.090	0.104	0.114	0.124	0.110	0.108	10.69
16) T	Acetone	0.087	0.084	0.076	0.086	0.093	0.080	0.084	6.89
17) T	Carbon Disulfide	1.545	1.334	1.613	1.712	1.688	1.623	1.586	8.64
18) T	Methyl Acetate	0.259	0.211	0.247	0.272	0.293	0.264	0.258	10.68
19) T	Methyl tert-butyl	0.690	0.616	0.693	0.729	0.703	0.665	0.682	5.64
20) T	Methylene Chlorid	0.606	0.696	0.579	0.562	0.532	0.524	0.583	10.76
21) T	trans-1,2-Dichlor	0.545	0.475	0.568	0.586	0.566	0.558	0.550	7.07
22) T	Diisopropyl ether	1.532	1.361	1.566	1.634	1.620	1.615	1.555	6.59
23) T	Vinyl Acetate	0.857	0.756	0.889	0.962	1.002	0.950	0.903	9.83
24) P	1,1-Dichloroethan	0.915	0.798	0.950	0.972	0.962	0.949	0.924	7.00
25) T	2-Butanone	0.127	0.124	0.122	0.141	0.157	0.138	0.135	9.69
26) T	2,2-Dichloropropa	0.629	0.635	0.617	0.626	0.600	0.584	0.615	3.13
27) T	cis-1,2-Dichloroe	0.584	0.538	0.607	0.623	0.608	0.597	0.593	5.00
28) T	Bromochloromethan	0.396	0.356	0.381	0.378	0.404	0.403	0.386	4.76
29) T	Tetrahydrofuran	0.083	0.074	0.084	0.093	0.104	0.091	0.088	11.82
30) C	Chloroform	0.900	0.820	0.921	0.947	0.932	0.912	0.905	4.94#
31) T	Cyclohexane	1.007	1.017	1.007	0.998	0.970	0.930	0.988	3.31
32) T	1,1,1-Trichloroet	0.763	0.709	0.784	0.789	0.777	0.754	0.763	3.86
33) S	1,2-Dichloroethan	0.458	0.499	0.452	0.478	0.476	0.474	0.473	3.51
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.282	0.288	0.274	0.280	0.270	0.265	0.277	3.04
36) T	1,1-Dichloroprope	0.459	0.418	0.452	0.465	0.458	0.427	0.447	4.28
37) T	Ethyl Acetate	0.188	0.175	0.178	0.190	0.210	0.174	0.186	7.32
38) T	Carbon Tetrachlor	0.422	0.376	0.424	0.434	0.419	0.389	0.411	5.58
39) T	Methylcyclohexane	0.601	0.555	0.614	0.635	0.617	0.579	0.600	4.78
40) TM	Benzene	1.278	1.177	1.301	1.326	1.298	1.231	1.268	4.33
41) T	Methacrylonitrile	0.112	0.112	0.097	0.113	0.127	0.099	0.110	9.97
42) TM	1,2-Dichloroethan	0.317	0.294	0.328	0.339	0.337	0.318	0.322	5.15
43) T	Isopropyl Acetate	0.353	0.312	0.352	0.386	0.417	0.360	0.363	9.79
44) TM	Trichloroethene	0.341	0.304	0.347	0.350	0.341	0.316	0.333	5.60
45) C	1,2-Dichloropropa	0.314	0.282	0.318	0.329	0.321	0.307	0.312	5.20#
46) T	Dibromomethane	0.153	0.145	0.154	0.164	0.167	0.152	0.156	5.31
47) T	Bromodichlorometh	0.398	0.362	0.416	0.430	0.422	0.399	0.404	6.05
48) T	Methyl methacryla	0.155	0.137	0.170	0.187	0.196	0.175	0.170	12.55
49) T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.003	0.002	0.002	10.85
50) S	Toluene-d8	1.106	1.141	1.111	1.151	1.128	1.103	1.123	1.75
51) T	4-Methyl-2-Pentan	0.190	0.197	0.178	0.193	0.213	0.182	0.192	6.45
52) CM	Toluene	0.812	0.743	0.833	0.848	0.840	0.795	0.812	4.80#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.397	0.350	0.408	0.443	0.451	0.419	0.411	8.87
54) T	cis-1,3-Dichlorop	0.484	0.437	0.504	0.527	0.527	0.499	0.496	6.77
55) T	1,1,2-Trichloroet	0.223	0.197	0.218	0.235	0.237	0.217	0.221	6.63
56) T	Ethyl methacrylat	0.282	0.264	0.296	0.325	0.347	0.312	0.305	9.83
57) T	1,3-Dichloropropa	0.387	0.344	0.385	0.409	0.420	0.385	0.388	6.76
58) T	2-Chloroethyl Vin	0.138	0.138	0.149	0.159	0.168	0.154	0.151	7.88
59) T	2-Hexanone	0.116	0.098	0.112	0.130	0.145	0.123	0.121	13.39
60) T	Dibromochlorometh	0.259	0.236	0.261	0.284	0.282	0.261	0.264	6.70
61) T	1,2-Dibromoethane	0.205	0.191	0.214	0.225	0.233	0.210	0.213	7.11
62) S	4-Bromofluorobenz	0.373	0.402	0.381	0.403	0.404	0.397	0.393	3.30
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.297	0.297	0.305	0.306	0.289	0.269	0.294	4.59
65) PM	Chlorobenzene	0.948	0.881	0.979	0.984	0.958	0.896	0.941	4.57
66) T	1,1,1,2-Tetrachlo	0.331	0.303	0.334	0.341	0.335	0.307	0.325	4.85
67) C	Ethyl Benzene	1.811	1.633	1.855	1.863	1.810	1.683	1.776	5.35#
68) T	m/p-Xylenes	0.691	0.631	0.700	0.711	0.681	0.631	0.674	5.13
69) T	o-Xylene	0.639	0.574	0.657	0.668	0.647	0.605	0.632	5.58
70) T	Stvrene	1.053	0.974	1.105	1.137	1.104	1.032	1.067	5.58
71) P	Bromoform	0.153	0.148	0.159	0.172	0.178	0.159	0.161	6.94
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.765	3.496	3.774	3.934	3.775	3.629	3.729	4.01
74) T	N-amyl acetate	0.822	0.730	0.800	0.927	1.002	0.919	0.867	11.52
75) P	1,1,2,2-Tetrachlo	0.600	0.555	0.612	0.669	0.691	0.623	0.625	7.83
76) T	1,2,3-Trichloropr	0.458	0.409	0.466	0.419	0.424	0.392	0.428	6.67
77) T	Bromobenzene	0.791	0.706	0.793	0.833	0.774	0.738	0.773	5.82
78) T	n-propylbenzene	4.545	4.109	4.572	4.825	4.556	4.373	4.497	5.31
79) T	2-Chlorotoluene	2.480	2.239	2.527	2.669	2.527	2.473	2.486	5.64
80) T	1,3,5-Trimethylbe	3.172	2.913	3.186	3.324	3.191	3.054	3.140	4.47
81) T	trans-1,4-Dichlor	0.193	0.203	0.198	0.244	0.257	0.233	0.221	12.08
82) T	4-Chlorotoluene	2.608	2.416	2.650	2.807	2.667	2.611	2.626	4.80
83) T	tert-Butylbenzene	2.786	2.541	2.759	2.894	2.733	2.621	2.722	4.58
84) T	1,2,4-Trimethylbe	3.127	2.937	3.189	3.308	3.139	3.022	3.121	4.14
85) T	sec-Butylbenzene	3.879	3.602	3.915	4.127	3.931	3.760	3.869	4.56
86) T	p-Isopropyltoluen	3.527	3.240	3.531	3.674	3.440	3.302	3.452	4.64
87) T	1,3-Dichlorobenze	1.549	1.468	1.609	1.624	1.535	1.449	1.539	4.64
88) T	1,4-Dichlorobenze	1.561	1.453	1.553	1.624	1.518	1.453	1.527	4.36
89) T	n-Butylbenzene	3.424	3.080	3.419	3.671	3.515	3.369	3.413	5.71
90) T	Hexachloroethane	0.656	0.607	0.671	0.713	0.683	0.653	0.664	5.31
91) T	1,2-Dichlorobenze	1.412	1.255	1.382	1.468	1.398	1.295	1.368	5.77
92) T	1,2-Dibromo-3-Chl	0.100	0.096	0.094	0.109	0.111	0.097	0.101	7.18
93) T	1,2,4-Trichlorobe	0.934	0.791	0.920	0.993	0.916	0.862	0.903	7.63
94) T	Hexachlorobutadie	0.554	0.478	0.531	0.570	0.505	0.487	0.521	7.13
95) T	Naphthalene	1.636	1.392	1.714	2.009	1.919	1.752	1.737	12.53
96) T	1,2,3-Trichlorobe	0.770	0.690	0.796	0.859	0.789	0.745	0.775	7.28

(#) = Out of Range