

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W060220S.M
 Title : SW846 8260
 Last Update : Tue Jun 02 13:57:56 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015521.D 5 =VW015520.D 20 =VW015522.D
 50 =VW015523.D 100 =VW015524.D 150 =VW015525.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.271	0.228	0.272	0.301	0.301	0.304	0.279	10.53
3) P	Chloromethane	0.357	0.359	0.337	0.331	0.331	0.345	0.343	3.64
4) C	Vinyl Chloride	0.549	0.505	0.568	0.551	0.524	0.513	0.535	4.61#
5) T	Bromomethane	0.387	0.360	0.398	0.383	0.366	0.370	0.377	3.81
6) T	Chloroethane	0.351	0.316	0.364	0.361	0.345	0.340	0.346	5.07
7) T	Trichlorofluorome	0.402	0.344	0.401	0.427	0.410	0.412	0.399	7.16
8) T	Diethyl Ether	0.255	0.223	0.248	0.261	0.231	0.235	0.242	6.10
9) T	1,1,2-Trichlorotr	0.499	0.471	0.512	0.495	0.473	0.464	0.486	3.90
10) T	Methyl Iodide	0.721	0.678	0.743	0.744	0.706	0.711	0.717	3.46
11) T	Tert butyl alcoho	0.041	0.062	0.040	0.041	0.034	0.032	0.042	25.82
12) CM	1,1-Dichloroethen	0.492	0.467	0.502	0.498	0.473	0.469	0.483	3.28#
13) T	Acrolein	0.034	0.033	0.035	0.033	0.029	0.029	0.032	7.74
14) T	Allyl chloride	0.830	0.797	0.846	0.861	0.801	0.799	0.822	3.32
15) T	Acrylonitrile	0.100	0.087	0.101	0.117	0.098	0.098	0.100	9.58
16) T	Acetone	0.100	0.095	0.098	0.143	0.117	0.117	0.112	16.25
17) T	Carbon Disulfide	1.495	1.333	1.504	1.504	1.427	1.401	1.444	4.83
18) T	Methyl Acetate	0.237	0.262	0.236	0.256	0.215	0.214	0.237	8.49
19) T	Methyl tert-butyl	0.770	0.693	0.771	0.845	0.707	0.715	0.750	7.59
20) T	Methylene Chlorid	0.591	0.646	0.556	0.550	0.487	0.489	0.553	11.01
21) T	trans-1,2-Dichlor	0.556	0.514	0.567	0.577	0.534	0.533	0.547	4.33
22) T	Diisopropyl ether	1.559	1.408	1.610	1.697	1.517	1.532	1.554	6.22
23) T	Vinyl Acetate	0.902	0.768	0.937	1.064	0.923	0.934	0.921	10.24
24) P	1,1-Dichloroethan	0.997	0.935	1.017	1.032	0.945	0.948	0.979	4.24
25) T	2-Butanone	0.130	0.132	0.137	0.172	0.141	0.139	0.142	10.86
26) T	2,2-Dichloropropa	0.732	0.775	0.706	0.688	0.624	0.602	0.688	9.49
27) T	cis-1,2-Dichloroe	0.604	0.552	0.616	0.638	0.579	0.581	0.595	5.13
28) T	Bromochloromethan	0.356	0.363	0.378	0.383	0.362	0.362	0.367	2.85
29) T	Tetrahydrofuran	0.081	0.076	0.084	0.099	0.083	0.082	0.084	9.18
30) C	Cycloform	1.009	0.922	1.024	1.038	0.953	0.950	0.983	4.76#
31) T	Cyclohexane	1.031	1.076	0.983	0.943	0.860	0.843	0.956	9.68
32) T	1,1,1-Trichloroet	0.877	0.806	0.886	0.886	0.825	0.813	0.849	4.49
33) S	1,2-Dichloroethan	0.519	0.534	0.533	0.543	0.535	0.507	0.529	2.44
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.291	0.288	0.298	0.296	0.304	0.291	0.295	1.95
36) T	1,1-Dichloroprope	0.526	0.482	0.536	0.524	0.492	0.476	0.506	5.11
37) T	Ethyl Acetate	0.198	0.189	0.200	0.223	0.186	0.183	0.196	7.44
38) T	Carbon Tetrachlor	0.500	0.463	0.523	0.527	0.486	0.472	0.495	5.30
39) T	Methylcyclohexane	0.642	0.580	0.654	0.659	0.610	0.600	0.624	5.16
40) TM	Benzene	1.413	1.282	1.436	1.438	1.323	1.300	1.365	5.22
41) T	Methacrylonitrile	0.095	0.095	0.116	0.137	0.116	0.118	0.113	14.11
42) TM	1,2-Dichloroethan	0.426	0.384	0.439	0.453	0.400	0.398	0.417	6.41
43) T	Isopropyl Acetate	0.385	0.343	0.399	0.452	0.382	0.379	0.390	9.19
44) TM	Trichloroethene	0.377	0.338	0.379	0.381	0.358	0.353	0.364	4.72
45) C	1,2-Dichloropropa	0.342	0.307	0.348	0.355	0.322	0.323	0.333	5.54#
46) T	Dibromomethane	0.170	0.155	0.175	0.189	0.166	0.165	0.170	6.73
47) T	Bromodichlorometh	0.462	0.409	0.482	0.498	0.454	0.456	0.460	6.60
48) T	Methyl methacryla	0.169	0.145	0.178	0.210	0.184	0.183	0.178	11.84
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.002	0.002	15.88
50) S	Toluene-d8	1.163	1.180	1.214	1.181	1.245	1.168	1.192	2.65
51) T	4-Methyl-2-Pentan	0.177	0.163	0.188	0.217	0.184	0.183	0.185	9.64
52) CM	Toluene	0.890	0.801	0.928	0.933	0.873	0.859	0.881	5.58#

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	Compound	10	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.440	0.380	0.462	0.512	0.458	0.469	0.453	9.56
54) T	cis-1,3-Dichlorop	0.528	0.465	0.550	0.585	0.537	0.541	0.534	7.33
55) T	1,1,2-Trichloroet	0.235	0.215	0.247	0.263	0.231	0.233	0.237	6.89
56) T	Ethyl methacrylat	0.291	0.263	0.307	0.356	0.317	0.318	0.309	10.06
57) T	1,3-Dichloropropa	0.423	0.375	0.434	0.464	0.412	0.413	0.420	7.00
58) T	2-Chloroethyl Vin	0.143	0.137	0.152	0.155	0.151	0.147	0.148	4.56
59) T	2-Hexanone	0.119	0.104	0.128	0.157	0.131	0.130	0.128	13.57
60) T	Dibromochlorometh	0.280	0.249	0.299	0.325	0.288	0.296	0.290	8.68
61) T	1,2-Dibromoethane	0.228	0.195	0.232	0.256	0.224	0.227	0.227	8.52
62) S	4-Bromofluorobenz	0.411	0.415	0.435	0.441	0.462	0.434	0.433	4.25
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.358	0.330	0.346	0.338	0.326	0.313	0.335	4.71
65) PM	Chlorobenzene	1.044	0.983	1.068	1.069	0.985	0.966	1.019	4.53
66) T	1,1,1,2-Tetrachlo	0.369	0.339	0.376	0.384	0.366	0.353	0.364	4.44
67) C	Ethyl Benzene	1.974	1.803	2.008	2.016	1.893	1.812	1.918	4.99#
68) T	m/p-Xylenes	0.725	0.665	0.759	0.761	0.709	0.681	0.717	5.56
69) T	o-Xylene	0.667	0.610	0.685	0.717	0.672	0.654	0.668	5.30
70) T	Styrene	1.133	1.002	1.174	1.236	1.157	1.139	1.140	6.78
71) P	Bromoform	0.168	0.147	0.176	0.199	0.180	0.181	0.175	9.77
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.912	3.639	3.902	3.986	3.820	3.679	3.823	3.61
74) T	N-amyl acetate	0.795	0.716	0.820	0.935	0.841	0.817	0.821	8.66
75) P	1,1,2,2-Tetrachlo	0.590	0.535	0.592	0.657	0.589	0.570	0.589	6.76
76) T	1,2,3-Trichloropr	0.424	0.383	0.427	0.471	0.420	0.405	0.422	6.94
77) T	Bromobenzene	0.844	0.764	0.831	0.876	0.834	0.804	0.826	4.63
78) T	n-propylbenzene	4.671	4.406	4.657	4.770	4.560	4.341	4.567	3.62
79) T	2-Chlorotoluene	2.703	2.440	2.637	2.715	2.582	2.477	2.592	4.43
80) T	1,3,5-Trimethylbe	3.320	3.037	3.316	3.353	3.244	3.060	3.222	4.31
81) T	trans-1,4-Dichlor	0.185	0.155	0.191	0.229	0.209	0.206	0.196	12.81
82) T	4-Chlorotoluene	2.752	2.526	2.754	2.817	2.662	2.548	2.677	4.44
83) T	tert-Butylbenzene	2.844	2.581	2.824	2.857	2.751	2.640	2.749	4.19
84) T	1,2,4-Trimethylbe	3.323	2.983	3.312	3.387	3.231	3.081	3.219	4.86
85) T	sec-Butylbenzene	4.024	3.643	4.042	4.066	3.894	3.612	3.880	5.28
86) T	p-Isopropyltoluen	3.663	3.322	3.701	3.722	3.525	3.391	3.554	4.76
87) T	1,3-Dichlorobenze	1.696	1.561	1.666	1.720	1.648	1.536	1.638	4.51
88) T	1,4-Dichlorobenze	1.687	1.582	1.655	1.730	1.613	1.523	1.632	4.57
89) T	n-Butylbenzene	3.510	3.181	3.535	3.569	3.461	3.213	3.412	4.98
90) T	Hexachloroethane	0.658	0.615	0.672	0.680	0.666	0.633	0.654	3.86
91) T	1,2-Dichlorobenze	1.475	1.338	1.461	1.524	1.419	1.362	1.430	4.95
92) T	1,2-Dibromo-3-Chl	0.103	0.091	0.103	0.115	0.101	0.097	0.102	7.84
93) T	1,2,4-Trichlorobe	0.964	0.884	1.036	1.031	0.994	0.984	0.982	5.67
94) T	Hexachlorobutadie	0.605	0.570	0.618	0.613	0.609	0.578	0.599	3.29
95) T	Naphthalene	1.555	1.404	1.692	1.893	1.736	1.688	1.661	10.02
96) T	1,2,3-Trichlorobe	0.816	0.741	0.859	0.889	0.838	0.821	0.827	6.07

(#) = Out of Range