

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W070720S.M
 Title : SW846 8260
 Last Update : Wed Jul 08 08:28:05 2020
 Response Via : Initial Calibration

Calibration Files

10 =VW015788.D 5 =VW015787.D 20 =VW015789.D
 50 =VW015790.D 100 =VW015791.D 150 =VW015792.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.259	0.248	0.286	0.267	0.262	0.257	0.263	4.90
3) P	Chloromethane	0.382	0.425	0.356	0.327	0.333	0.324	0.358	11.04
4) C	Vinyl Chloride	0.587	0.586	0.586	0.533	0.531	0.489	0.552	7.41#
5) T	Bromomethane	0.459	0.445	0.459	0.390	0.413	0.369	0.422	8.95
6) T	Chloroethane	0.388	0.381	0.398	0.360	0.373	0.336	0.373	5.87
7) T	Trichlorofluorome	0.396	0.370	0.406	0.408	0.434	0.368	0.397	6.33
8) T	Diethyl Ether	0.243	0.246	0.252	0.241	0.273	0.227	0.247	6.11
9) T	1,1,2-Trichlorotr	0.498	0.451	0.495	0.460	0.460	0.423	0.465	6.08
10) T	Methyl Iodide	0.643	0.647	0.679	0.657	0.663	0.607	0.649	3.73
11) T	Tert butyl alcoho	0.027	0.038	0.027	0.028	0.025	0.027	0.029	15.86
12) CM	1,1-Dichloroethen	0.465	0.460	0.479	0.452	0.460	0.425	0.457	3.92#
13) T	Acrolein	0.036	0.038	0.038	0.036	0.034	0.032	0.036	6.69
14) T	Allyl chloride	0.728	0.714	0.757	0.757	0.778	0.720	0.742	3.43
15) T	Acrylonitrile	0.092	0.090	0.099	0.102	0.100	0.097	0.097	4.81
16) T	Acetone	0.086	0.105	0.086	0.107	0.107	0.088	0.096	11.29
17) T	Carbon Disulfide	1.360	1.361	1.406	1.362	1.383	1.280	1.359	3.13
18) T	Methyl Acetate	0.215	0.227	0.224	0.219	0.216	0.214	0.219	2.38
19) T	Methyl tert-butyl	0.667	0.657	0.701	0.728	0.706	0.643	0.684	4.79
20) T	Methylene Chlorid	0.628	0.706	0.562	0.511	0.498	0.452	0.559	16.73
21) T	trans-1,2-Dichlor	0.526	0.521	0.554	0.527	0.542	0.504	0.529	3.30
22) T	Diisopropyl ether	1.451	1.375	1.578	1.548	1.578	1.445	1.496	5.62
23) T	Vinyl Acetate	0.816	0.772	0.916	0.944	0.978	0.913	0.890	8.87
24) P	1,1-Dichloroethan	0.954	0.949	0.984	0.947	0.961	0.887	0.947	3.39
25) T	2-Butanone	0.121	0.129	0.128	0.141	0.137	0.129	0.131	5.43
26) T	2,2-Dichloropropa	0.608	0.656	0.611	0.587	0.578	0.524	0.594	7.40
27) T	cis-1,2-Dichloroe	0.560	0.545	0.593	0.578	0.585	0.547	0.568	3.56
28) T	Bromochloromethan	0.415	0.386	0.415	0.360	0.352	0.324	0.375	9.74
29) T	Tetrahydrofuran	0.072	0.073	0.080	0.084	0.084	0.083	0.079	7.35
30) C	Chloroform	0.976	0.984	1.009	0.968	0.975	0.898	0.968	3.87#
31) T	Cyclohexane	0.921	1.021	0.907	0.842	0.866	0.791	0.891	8.84
32) T	1,1,1-Trichloroet	0.811	0.813	0.848	0.818	0.822	0.759	0.812	3.57
33) S	1,2-Dichloroethan	0.509	0.588	0.564	0.488	0.477	0.464	0.515	9.73

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.303	0.317	0.317	0.275	0.273	0.267	0.292	7.88
36) T	1,1-Dichloroprope	0.496	0.479	0.513	0.499	0.506	0.465	0.493	3.63
37) T	Ethyl Acetate	0.178	0.199	0.193	0.194	0.194	0.192	0.192	3.79
38) T	Carbon Tetrachlor	0.472	0.470	0.493	0.477	0.492	0.456	0.477	2.99
39) T	Methylcyclohexane	0.550	0.526	0.594	0.604	0.633	0.581	0.582	6.61
40) TM	Benzene	1.358	1.316	1.411	1.355	1.378	1.282	1.350	3.39
41) T	Methacrylonitrile	0.100	0.092	0.114	0.112	0.123	0.111	0.109	10.37
42) TM	1,2-Dichloroethan	0.420	0.422	0.439	0.427	0.423	0.389	0.420	3.95
43) T	Isopropyl Acetate	0.350	0.354	0.375	0.386	0.398	0.380	0.374	4.92
44) TM	Trichloroethene	0.351	0.351	0.372	0.360	0.368	0.341	0.357	3.31
45) C	1,2-Dichloropropa	0.333	0.324	0.347	0.335	0.338	0.314	0.332	3.46#
46) T	Dibromomethane	0.166	0.164	0.179	0.175	0.176	0.165	0.171	3.85
47) T	Bromodichlorometh	0.419	0.410	0.459	0.454	0.470	0.440	0.442	5.34
48) T	Methyl methacryla	0.151	0.143	0.175	0.186	0.190	0.184	0.171	11.50
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	11.33
50) S	Toluene-d8	1.107	1.166	1.231	1.073	1.085	1.060	1.120	5.87
51) T	4-Methyl-2-Pentan	0.167	0.165	0.183	0.194	0.197	0.189	0.182	7.56
52) CM	Toluene	0.850	0.817	0.896	0.885	0.921	0.844	0.869	4.44#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.385	0.357	0.424	0.452	0.478	0.449	0.424	10.78
54) T	cis-1,3-Dichlorop	0.466	0.447	0.519	0.531	0.556	0.524	0.507	8.21
55) T	1,1,2-Trichloroet	0.230	0.226	0.240	0.244	0.250	0.232	0.237	3.78
56) T	Ethyl methacrylat	0.253	0.235	0.288	0.315	0.336	0.321	0.291	13.80
57) T	1,3-Dichloropropa	0.408	0.400	0.429	0.429	0.441	0.410	0.419	3.71
58) T	2-Chloroethyl Vin	0.131	0.136	0.143	0.148	0.150	0.146	0.142	5.24
59) T	2-Hexanone	0.107	0.101	0.122	0.135	0.136	0.129	0.122	12.01
60) T	Dibromochlorometh	0.259	0.238	0.280	0.282	0.301	0.281	0.274	8.10
61) T	1,2-Dibromoethane	0.218	0.214	0.233	0.229	0.241	0.226	0.227	4.37
62) S	4-Bromofluorobenz	0.395	0.422	0.438	0.413	0.406	0.394	0.411	4.07
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.313	0.316	0.331	0.312	0.326	0.301	0.316	3.38
65) PM	Chlorobenzene	0.973	0.945	1.025	0.975	1.017	0.933	0.978	3.80
66) T	1,1,1,2-Tetrachlo	0.342	0.316	0.354	0.354	0.368	0.341	0.346	5.09
67) C	Ethyl Benzene	1.776	1.671	1.881	1.838	1.939	1.760	1.811	5.27#
68) T	m/p-Xylenes	0.674	0.608	0.711	0.697	0.730	0.661	0.680	6.35
69) T	o-Xylene	0.586	0.547	0.646	0.646	0.683	0.618	0.621	7.83
70) T	Styrene	1.008	0.896	1.109	1.121	1.188	1.087	1.068	9.59
71) P	Bromoform	0.134	0.133	0.158	0.171	0.182	0.171	0.158	13.01
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.407	3.163	3.554	3.605	3.769	3.637	3.522	6.02
74) T	N-amyl acetate	0.688	0.650	0.748	0.791	0.824	0.820	0.754	9.52
75) P	1,1,2,2-Tetrachlo	0.569	0.560	0.588	0.599	0.605	0.591	0.585	2.97
76) T	1,2,3-Trichloropr	0.494	0.414	0.430	0.435	0.440	0.424	0.439	6.39
77) T	Bromobenzene	0.783	0.768	0.811	0.781	0.810	0.786	0.790	2.16
78) T	n-propylbenzene	4.218	3.891	4.417	4.368	4.488	4.271	4.276	4.95
79) T	2-Chlorotoluene	2.414	2.297	2.506	2.476	2.526	2.410	2.438	3.43
80) T	1,3,5-Trimethylbe	2.952	2.704	3.127	3.049	3.163	3.018	3.002	5.48
81) T	trans-1,4-Dichlor	0.140	0.139	0.163	0.183	0.202	0.205	0.172	17.12
82) T	4-Chlorotoluene	2.554	2.409	2.609	2.570	2.624	2.512	2.546	3.07
83) T	tert-Butylbenzene	2.393	2.221	2.546	2.590	2.663	2.541	2.492	6.41
84) T	1,2,4-Trimethylbe	2.996	2.655	3.151	3.072	3.145	2.969	2.998	6.13
85) T	sec-Butylbenzene	3.460	3.333	3.727	3.680	3.791	3.606	3.600	4.81
86) T	p-Isopropyltoluen	3.235	2.895	3.436	3.356	3.464	3.336	3.287	6.34
87) T	1,3-Dichlorobenze	1.613	1.518	1.637	1.578	1.609	1.544	1.583	2.86
88) T	1,4-Dichlorobenze	1.591	1.544	1.614	1.541	1.551	1.458	1.550	3.48
89) T	n-Butylbenzene	3.050	2.756	3.270	3.268	3.363	3.166	3.146	6.96
90) T	Hexachloroethane	0.567	0.540	0.613	0.616	0.633	0.607	0.596	5.88
91) T	1,2-Dichlorobenze	1.387	1.318	1.416	1.397	1.405	1.308	1.372	3.40
92) T	1,2-Dibromo-3-Chl	0.087	0.086	0.095	0.098	0.097	0.098	0.094	5.97
93) T	1,2,4-Trichlorobe	0.794	0.756	0.903	0.897	0.945	0.893	0.865	8.43
94) T	Hexachlorobutadie	0.560	0.519	0.555	0.545	0.572	0.544	0.549	3.31
95) T	Naphthalene	1.248	1.078	1.424	1.554	1.696	1.672	1.445	16.96
96) T	1,2,3-Trichlorobe	0.702	0.666	0.747	0.746	0.780	0.774	0.736	5.94

(#) = Out of Range