

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N091620W.M
 Title : SW846 8260
 Last Update : Wed Sep 16 13:05:20 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN063357.D 5 =VN063358.D 20 =VN063359.D
 50 =VN063360.D 100 =VN063361.D 150 =VN063362.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.542	0.594	0.569	0.562	0.576	0.556	0.566	3.13
3) P	Chloromethane	0.883	0.778	0.759	0.718	0.688	0.671	0.749	10.28
4) C	Vinyl Chloride	0.602	0.668	0.700	0.671	0.673	0.670	0.664	4.92#
5) T	Bromomethane		0.393	0.392	0.380	0.409	0.398	0.394	2.68
6) T	Chloroethane	0.460	0.415	0.404	0.387	0.389	0.390	0.408	6.88
7) T	Trichlorofluorome	0.928	1.008	1.004	0.991	1.018	0.993	0.991	3.24
8) T	Diethyl Ether	0.380	0.381	0.380	0.398	0.399	0.380	0.386	2.42
9) T	1,1,2-Trichlorotr	0.530	0.608	0.548	0.554	0.561	0.541	0.557	4.89
10) T	Methyl Iodide		0.623	0.710	0.740	0.776	0.777	0.725	8.77
11) T	Tert butyl alcoho		0.119	0.124	0.117	0.123	0.106	0.118	5.93
12) CM	1,1-Dichloroethen	0.584	0.552	0.567	0.563	0.571	0.549	0.564	2.25#
13) T	Acrolein		0.006	0.054	0.045	0.037	0.076	0.044	58.94
14) T	Allyl chloride	0.966	1.189	1.143	1.139	1.144	1.116	1.116	6.91
15) T	Acrylonitrile	0.276	0.298	0.316	0.304	0.310	0.295	0.300	4.69
16) T	Acetone	0.327	0.258	0.271	0.262	0.266	0.257	0.274	9.72
17) T	Carbon Disulfide	1.632	1.610	1.624	1.644	1.688	1.650	1.641	1.64
18) T	Methyl Acetate	0.599	0.780	0.716	0.684	0.712	0.676	0.694	8.56
19) T	Methyl tert-butyl	2.180	2.122	2.063	2.075	2.128	2.050	2.103	2.33
20) T	Methylene Chlorid	0.801	0.733	0.670	0.656	0.656	0.641	0.693	8.96
21) T	trans-1,2-Dichlor	0.646	0.645	0.613	0.618	0.623	0.607	0.625	2.66
22) T	Diisopropyl ether	2.231	2.342	2.317	2.234	2.302	2.230	2.276	2.21
23) T	Vinyl Acetate	1.611	1.911	1.953	1.927	1.968	1.847	1.869	7.14
24) P	1,1-Dichloroethan	1.173	1.271	1.274	1.247	1.269	1.223	1.243	3.17
25) T	2-Butanone	0.412	0.412	0.432	0.422	0.443	0.405	0.421	3.39
26) T	2,2-Dichloropropa	1.116	1.141	1.087	1.069	1.092	1.060	1.094	2.75
27) T	cis-1,2-Dichloroe	0.703	0.694	0.701	0.723	0.722	0.702	0.708	1.73
28) T	Bromochloromethan	0.467	0.654	0.554	0.552	0.596	0.619	0.574	11.39
29) T	Tetrahydrofuran	0.276	0.296	0.298	0.281	0.299	0.273	0.287	4.11
30) C	Chloroform	1.237	1.262	1.236	1.239	1.271	1.236	1.247	1.24#
31) T	Cyclohexane		1.442	1.144	1.113	1.110	1.069	1.176	12.86
32) T	1,1,1-Trichloroet	1.076	1.113	1.114	1.099	1.135	1.117	1.109	1.79
33) S	1,2-Dichloroethan		0.877	0.817	0.817	0.872	0.872	0.851	3.62
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.369	0.330	0.330	0.350	0.353	0.346	4.75
36) T	1,1-Dichloroprope	0.513	0.557	0.516	0.532	0.541	0.536	0.533	3.08
37) T	Ethyl Acetate	0.452	0.543	0.549	0.531	0.546	0.516	0.523	7.00
38) T	Carbon Tetrachlor	0.492	0.560	0.541	0.550	0.565	0.555	0.544	4.91
39) T	Methylcyclohexane	0.564	0.600	0.560	0.578	0.594	0.573	0.578	2.74
40) TM	Benzene	1.474	1.574	1.504	1.517	1.544	1.509	1.521	2.29
41) T	Methacrylonitrile	0.252	0.205	0.215	0.240	0.248	0.251	0.235	8.59
42) TM	1,2-Dichloroethan	0.562	0.635	0.606	0.614	0.632	0.620	0.612	4.36
43) T	Isopropyl Acetate	0.959	0.902	0.936	0.932	0.960	0.920	0.935	2.40
44) TM	Trichloroethene	0.377	0.368	0.364	0.364	0.375	0.365	0.369	1.58
45) C	1,2-Dichloropropa	0.395	0.418	0.417	0.420	0.422	0.413	0.414	2.36#
46) T	Dibromomethane	0.239	0.299	0.266	0.275	0.281	0.272	0.272	7.25
47) T	Bromodichlorometh	0.494	0.580	0.566	0.570	0.595	0.588	0.565	6.44
48) T	Methyl methacryla	0.474	0.464	0.438	0.462	0.465	0.454	0.459	2.69
49) T	1,4-Dioxane	0.007	0.007	0.007	0.007	0.007	0.006	0.007	5.68
50) S	Toluene-d8		1.331	1.233	1.265	1.331	1.349	1.302	3.85
51) T	4-Methyl-2-Pentan	0.468	0.551	0.548	0.528	0.541	0.504	0.523	6.16
52) CM	Toluene	0.788	0.922	0.924	0.942	0.957	0.953	0.914	6.92#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.572	0.611	0.624	0.640	0.673	0.667	0.631	5.98
54) T	cis-1,3-Dichlorop	0.589	0.662	0.658	0.687	0.705	0.695	0.666	6.33
55) T	1,1,2-Trichloroet	0.344	0.367	0.361	0.368	0.372	0.368	0.363	2.80
56) T	Ethyl methacrylat	0.495	0.560	0.565	0.578	0.606	0.598	0.567	7.02
57) T	1,3-Dichloropropa	0.618	0.690	0.652	0.652	0.666	0.651	0.655	3.59
58) T	2-Chloroethyl Vin	0.285	0.298	0.282	0.290	0.325	0.304	0.297	5.35
59) T	2-Hexanone	0.337	0.374	0.404	0.386	0.397	0.378	0.379	6.15
60) T	Dibromochlorometh	0.358	0.396	0.417	0.416	0.437	0.436	0.410	7.25
61) T	1,2-Dibromoethane	0.345	0.380	0.371	0.383	0.394	0.391	0.377	4.75
62) S	4-Bromofluorobenz		0.453	0.441	0.467	0.502	0.523	0.477	7.20
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.343	0.362	0.330	0.336	0.341	0.331	0.340	3.45
65) PM	Chlorobenzene	1.038	1.081	1.043	1.068	1.079	1.058	1.061	1.70
66) T	1,1,1,2-Tetrachlo	0.346	0.397	0.393	0.400	0.406	0.393	0.389	5.53
67) C	Ethyl Benzene	1.919	2.061	1.964	2.025	2.052	1.972	1.999	2.81#
68) T	m/p-Xylenes	0.679	0.719	0.712	0.735	0.750	0.728	0.721	3.38
69) T	o-Xylene	0.630	0.679	0.691	0.705	0.714	0.700	0.686	4.43
70) T	Stvrene	0.978	1.103	1.144	1.224	1.231	1.226	1.151	8.64
71) P	Bromoform	0.244	0.266	0.287	0.306	0.317	0.319	0.290	10.37
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.692	4.223	4.076	3.962	4.171	3.916	4.007	4.84
74) T	N-amyl acetate	1.684	1.902	1.955	1.888	2.016	1.935	1.897	6.00
75) P	1,1,2,2-Tetrachlo	1.221	1.283	1.328	1.194	1.242	1.176	1.241	4.61
76) T	1,2,3-Trichloropr	1.415	1.299	1.218	1.122	1.175	1.196	1.238	8.45
77) T	Bromobenzene	0.849	0.912	0.909	0.890	0.948	0.900	0.901	3.57
78) T	n-propylbenzene	4.361	4.848	4.726	4.606	4.858	4.602	4.667	4.00
79) T	2-Chlorotoluene	2.761	2.759	2.861	2.729	2.888	2.786	2.797	2.26
80) T	1,3,5-Trimethylbe	2.861	3.501	3.428	3.370	3.505	3.383	3.341	7.25
81) T	trans-1,4-Dichlor		0.422	0.465	0.435	0.481	0.454	0.451	5.16
82) T	4-Chlorotoluene	2.848	2.997	2.967	2.877	3.044	3.001	2.956	2.59
83) T	tert-Butylbenzene	2.585	2.841	2.787	2.725	2.861	2.746	2.758	3.61
84) T	1,2,4-Trimethylbe	2.947	3.527	3.420	3.415	3.525	3.416	3.375	6.41
85) T	sec-Butylbenzene	3.359	3.875	3.757	3.649	3.821	3.686	3.691	4.95
86) T	p-Isopropyltoluen	2.910	3.305	3.270	3.281	3.438	3.330	3.256	5.52
87) T	1,3-Dichlorobenze	1.576	1.725	1.676	1.650	1.702	1.694	1.671	3.16
88) T	1,4-Dichlorobenze	1.633	1.727	1.679	1.683	1.738	1.730	1.698	2.39
89) T	n-Butylbenzene	2.674	2.974	2.999	3.025	3.203	3.129	3.001	6.07
90) T	Hexachloroethane	0.579	0.622	0.612	0.611	0.654	0.641	0.620	4.25
91) T	1,2-Dichlorobenze	1.471	1.660	1.710	1.645	1.685	1.671	1.640	5.24
92) T	1,2-Dibromo-3-Chl	0.276	0.301	0.305	0.295	0.314	0.281	0.295	4.87
93) T	1,2,4-Trichlorobe	0.850	0.966	0.953	1.002	1.071	0.960	0.967	7.43
94) T	Hexachlorobutadie	0.352	0.437	0.397	0.404	0.415	0.397	0.400	7.03
95) T	Naphthalene	2.784	3.135	3.240	3.313	3.517	3.177	3.194	7.57
96) T	1,2,3-Trichlorobe	0.860	0.914	0.924	0.970	1.022	0.916	0.934	5.94

(#) = Out of Range