

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N041620W.M
 Title : SW846 8260
 Last Update : Thu Apr 16 13:25:54 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061003.D 5 =VN061004.D 20 =VN061005.D
 50 =VN061006.D 100 =VN061007.D 150 =VN061008.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.418	0.493	0.655	0.679	0.662	0.663	0.595	18.64
3) P	Chloromethane	0.783	0.895	0.921	0.910	0.887	0.924	0.887	5.95
4) C	Vinyl Chloride	0.639	0.761	0.764	0.750	0.750	0.758	0.737	6.55#
5) T	Bromomethane		0.378	0.380	0.370	0.362	0.359	0.370	2.46
6) T	Chloroethane	0.346	0.432	0.443	0.444	0.441	0.445	0.425	9.18
7) T	Trichlorofluorome	0.805	0.951	0.955	0.945	0.924	0.925	0.917	6.16
8) T	Diethyl Ether	0.306	0.401	0.372	0.373	0.363	0.373	0.365	8.63
9) T	1,1,2-Trichlorotr	0.521	0.587	0.538	0.533	0.528	0.524	0.538	4.53
10) T	Methyl Iodide		0.443	0.448	0.471	0.491	0.523	0.475	6.94
11) T	Tert butyl alcoho		0.117	0.112	0.111	0.112	0.114	0.114	2.06
12) CM	1,1-Dichloroethen	0.496	0.587	0.557	0.548	0.542	0.553	0.547	5.40#
13) T	Acrolein		0.105	0.090	0.090	0.095	0.098	0.096	6.61
14) T	Allyl chloride	0.935	1.157	1.098	1.008	1.002	1.012	1.035	7.63
15) T	Acrylonitrile	0.221	0.329	0.320	0.319	0.327	0.331	0.308	13.88
16) T	Acetone	0.257	0.291	0.301	0.298	0.275	0.268	0.282	6.23
17) T	Carbon Disulfide	1.624	1.825	1.738	1.694	1.685	1.706	1.712	3.90
18) T	Methyl Acetate	0.728	0.896	0.917	0.915	0.913	0.929	0.883	8.67
19) T	Methyl tert-butyl	1.767	2.094	1.900	1.906	1.884	1.896	1.908	5.50
20) T	Methylene Chlorid	0.565	0.663	0.618	0.615	0.610	0.618	0.615	5.05
21) T	trans-1,2-Dichlor	0.517	0.643	0.598	0.583	0.584	0.586	0.585	6.94
22) T	Diisopropyl ether	1.939	2.309	2.185	2.165	2.143	2.160	2.150	5.56
23) T	Vinyl Acetate	1.446	1.827	1.707	1.723	1.714	1.700	1.686	7.50
24) P	1,1-Dichloroethan	1.062	1.260	1.176	1.165	1.149	1.157	1.161	5.44
25) T	2-Butanone	0.365	0.446	0.439	0.447	0.445	0.447	0.431	7.54
26) T	2,2-Dichloropropa	0.884	1.028	0.985	0.981	0.963	0.960	0.967	4.92
27) T	cis-1,2-Dichloroe	0.615	0.732	0.680	0.673	0.664	0.667	0.672	5.55
28) T	Bromochloromethan	0.519	0.573	0.560	0.545	0.515	0.486	0.533	6.01
29) T	Tetrahydrofuran	0.242	0.316	0.300	0.298	0.301	0.301	0.293	8.74
30) C	Chloroform	0.964	1.192	1.100	1.090	1.073	1.080	1.083	6.71#
31) T	Cyclohexane		1.412	1.162	1.141	1.121	1.123	1.192	10.43
32) T	1,1,1-Trichloroet	0.845	1.022	0.941	0.940	0.934	0.939	0.937	5.97
33) S	1,2-Dichloroethan		0.727	0.648	0.608	0.605	0.611	0.640	8.11
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.311	0.297	0.281	0.286	0.286	0.292	4.05
36) T	1,1-Dichloroprope	0.494	0.541	0.507	0.519	0.518	0.517	0.516	3.02
37) T	Ethyl Acetate	0.357	0.645	0.566	0.557	0.555	0.552	0.538	17.77
38) T	Carbon Tetrachlor	0.336	0.440	0.428	0.454	0.459	0.460	0.429	11.08
39) T	Methylcyclohexane	0.556	0.664	0.600	0.630	0.623	0.629	0.617	5.86
40) TM	Benzene	1.430	1.676	1.526	1.532	1.514	1.507	1.531	5.25
41) T	Methacrylonitrile	0.222	0.204	0.225	0.244	0.253	0.253	0.234	8.50
42) TM	1,2-Dichloroethan	0.466	0.562	0.535	0.527	0.519	0.520	0.521	6.01
43) T	Isopropyl Acetate	0.787	0.972	0.912	0.924	0.935	0.937	0.911	7.03
44) TM	Trichloroethene	0.367	0.427	0.378	0.380	0.377	0.378	0.385	5.57
45) C	1,2-Dichloropropa	0.385	0.446	0.415	0.411	0.411	0.412	0.413	4.67#
46) T	Dibromomethane	0.180	0.268	0.243	0.246	0.248	0.246	0.238	12.70
47) T	Bromodichlorometh	0.427	0.544	0.503	0.516	0.515	0.516	0.504	7.90
48) T	Methyl methacryla	0.326	0.404	0.397	0.419	0.432	0.437	0.403	10.08
49) T	1,4-Dioxane	0.003	0.005	0.005	0.006	0.006	0.006	0.005	22.94
50) S	Toluene-d8		1.301	1.077	1.039	1.043	1.057	1.103	10.09
51) T	4-Methyl-2-Pentan	0.436	0.555	0.531	0.545	0.546	0.539	0.525	8.43
52) CM	Toluene	0.859	0.980	0.901	0.932	0.917	0.921	0.918	4.32#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.485	0.606	0.588	0.605	0.610	0.616	0.585	8.53
54) T	cis-1,3-Dichlorop	0.532	0.693	0.637	0.655	0.653	0.659	0.638	8.63
55) T	1,1,2-Trichloroet	0.298	0.384	0.353	0.357	0.347	0.346	0.348	8.00
56) T	Ethyl methacrylat	0.396	0.536	0.550	0.586	0.601	0.610	0.546	14.44
57) T	1,3-Dichloropropa	0.556	0.664	0.628	0.629	0.622	0.620	0.620	5.66
58) T	2-Chloroethyl Vin	0.200	0.258	0.252	0.227	0.276	0.277	0.248	12.14
59) T	2-Hexanone	0.295	0.392	0.380	0.398	0.404	0.403	0.379	11.03
60) T	Dibromochlorometh	0.285	0.372	0.356	0.371	0.376	0.382	0.357	10.15
61) T	1,2-Dibromoethane	0.302	0.372	0.358	0.361	0.367	0.365	0.354	7.33
62) S	4-Bromofluorobenz		0.477	0.420	0.411	0.422	0.433	0.432	6.02
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.349	0.435	0.383	0.380	0.374	0.374	0.383	7.39
65) PM	Chlorobenzene	0.981	1.111	1.022	1.028	1.028	1.021	1.032	4.12
66) T	1,1,1,2-Tetrachlo	0.340	0.394	0.372	0.370	0.370	0.369	0.369	4.67
67) C	Ethyl Benzene	1.823	2.086	1.913	1.952	1.940	1.935	1.942	4.36#
68) T	m/p-Xylenes	0.631	0.751	0.696	0.707	0.714	0.710	0.702	5.58
69) T	o-Xylene	0.603	0.731	0.672	0.678	0.683	0.682	0.675	6.10
70) T	Styrene	0.846	1.097	1.085	1.137	1.169	1.181	1.086	11.36
71) P	Bromoform	0.205	0.274	0.278	0.291	0.300	0.306	0.276	13.40
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.116	4.480	3.998	3.897	3.777	3.766	4.006	6.69
74) T	N-amyl acetate	1.756	1.947	1.863	1.861	1.863	1.887	1.863	3.32
75) P	1,1,2,2-Tetrachlo	1.160	1.340	1.262	1.205	1.190	1.179	1.223	5.49
76) T	1,2,3-Trichloropr	1.011	1.325	1.113	1.056	1.043	1.051	1.100	10.49
77) T	Bromobenzene	0.951	1.025	0.944	0.904	0.893	0.893	0.935	5.42
78) T	n-propylbenzene	4.401	5.201	4.725	4.698	4.549	4.545	4.687	5.94
79) T	2-Chlorotoluene	2.644	3.077	2.762	2.704	2.644	2.661	2.749	6.08
80) T	1,3,5-Trimethylbe	3.097	3.653	3.340	3.318	3.226	3.232	3.311	5.69
81) T	trans-1,4-Dichlor		0.450	0.431	0.442	0.454	0.453	0.446	2.18
82) T	4-Chlorotoluene	2.720	3.118	2.863	2.824	2.777	2.803	2.851	4.88
83) T	tert-Butylbenzene	2.650	3.115	2.795	2.754	2.700	2.693	2.785	6.09
84) T	1,2,4-Trimethylbe	2.909	3.577	3.348	3.297	3.254	3.251	3.273	6.59
85) T	sec-Butylbenzene	3.547	4.144	3.762	3.791	3.701	3.693	3.773	5.31
86) T	p-Isopropyltoluen	3.097	3.654	3.362	3.377	3.331	3.337	3.360	5.28
87) T	1,3-Dichlorobenze	1.616	1.820	1.660	1.650	1.625	1.630	1.667	4.61
88) T	1,4-Dichlorobenze	1.645	1.829	1.663	1.643	1.635	1.647	1.677	4.47
89) T	n-Butylbenzene	2.724	3.373	3.058	3.188	3.177	3.225	3.124	7.07
90) T	Hexachloroethane	0.451	0.571	0.508	0.515	0.519	0.529	0.515	7.52
91) T	1,2-Dichlorobenze	1.557	1.724	1.591	1.576	1.550	1.547	1.591	4.24
92) T	1,2-Dibromo-3-Chl	0.173	0.255	0.243	0.247	0.251	0.251	0.237	13.35
93) T	1,2,4-Trichlorobe	0.773	0.914	0.968	0.984	0.995	1.016	0.942	9.48
94) T	Hexachlorobutadie	0.461	0.550	0.473	0.485	0.470	0.467	0.484	6.80
95) T	Naphthalene	2.144	2.644	2.835	2.873	2.929	3.052	2.746	11.79
96) T	1,2,3-Trichlorobe	0.727	0.935	0.925	0.942	0.942	0.974	0.907	9.92

(#) = Out of Range