

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N051820W.M
 Title : SW846 8260
 Last Update : Mon May 18 13:09:55 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061426.D 5 =VN061427.D 20 =VN061428.D
 50 =VN061429.D 100 =VN061430.D 150 =VN061431.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.348	0.442	0.399	0.427	0.431	0.447	0.416	8.88
3) P	Chloromethane	0.803	0.800	0.656	0.646	0.595	0.569	0.678	14.87
4) C	Vinyl Chloride	0.978	1.159	0.971	0.970	0.876	0.869	0.970	10.80#
5) T	Bromomethane		0.686	0.524	0.522	0.476	0.460	0.534	16.79
6) T	Chloroethane	0.706	0.785	0.647	0.633	0.585	0.564	0.653	12.50
7) T	Trichlorofluorome	1.110	1.373	1.118	1.150	1.265	1.053	1.178	10.07
8) T	Diethyl Ether	0.339	0.406	0.324	0.331	0.326	0.333	0.343	9.14
9) T	1,1,2-Trichlorotr	0.444	0.575	0.469	0.487	0.477	0.487	0.490	9.10
10) T	Methyl Iodide		0.671	0.547	0.568	0.588	0.601	0.595	7.96
11) T	Tert butyl alcoho		0.104	0.082	0.089	0.079	0.077	0.086	12.72
12) CM	1,1-Dichloroethen	0.537	0.584	0.483	0.485	0.485	0.500	0.513	7.96#
13) T	Acrolein		0.098	0.060	0.066	0.059	0.058	0.068	24.85
14) T	Allyl chloride	0.787	0.979	0.829	0.853	0.752	0.805	0.834	9.45
15) T	Acrylonitrile	0.221	0.305	0.248	0.259	0.249	0.247	0.255	10.83
16) T	Acetone	0.341	0.251	0.201	0.201	0.189	0.183	0.228	26.51
17) T	Carbon Disulfide	1.392	1.654	1.307	1.140	1.077	1.041	1.269	18.33
18) T	Methyl Acetate	0.737	0.653	0.508	0.530	0.502	0.505	0.572	17.30
19) T	Methyl tert-butyl	1.852	2.296	1.825	1.914	1.873	1.910	1.945	9.01
20) T	Methylene Chlorid	0.644	0.703	0.563	0.592	0.585	0.592	0.613	8.39
21) T	trans-1,2-Dichlor	0.559	0.673	0.552	0.584	0.582	0.597	0.591	7.34
22) T	Diisopropyl ether	1.728	2.202	1.806	1.888	1.804	1.818	1.874	8.97
23) T	Vinyl Acetate	1.343	1.756	1.476	1.534	1.449	1.386	1.490	9.83
24) P	1,1-Dichloroethan	0.994	1.288	1.054	1.105	1.062	1.057	1.093	9.31
25) T	2-Butanone	0.343	0.407	0.321	0.339	0.318	0.310	0.340	10.43
26) T	2,2-Dichloropropa	1.045	1.229	0.996	1.018	0.986	0.978	1.042	9.10
27) T	cis-1,2-Dichloroe	0.641	0.806	0.662	0.701	0.681	0.698	0.698	8.23
28) T	Bromochloromethan	0.364	0.478	0.490	0.508	0.482	0.462	0.464	11.08
29) T	Tetrahydrofuran	0.223	0.268	0.216	0.226	0.209	0.207	0.225	10.00
30) C	Chloroform	0.954	1.319	1.116	1.178	1.144	1.140	1.142	10.24#
31) T	Cyclohexane		1.369	1.001	1.002	0.934	0.920	1.045	17.70
32) T	1,1,1-Trichloroet	0.943	1.192	0.991	1.065	1.036	1.033	1.043	8.08
33) S	1,2-Dichloroethan		0.824	0.743	0.718	0.714	0.732	0.746	6.07
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.306	0.275	0.251	0.242	0.236	0.262	10.98
36) T	1,1-Dichloroprope	0.422	0.518	0.450	0.475	0.468	0.472	0.468	6.78
37) T	Ethyl Acetate	0.509	0.470	0.386	0.407	0.387	0.385	0.424	12.38
38) T	Carbon Tetrachlor	0.323	0.464	0.413	0.456	0.456	0.471	0.430	13.15
39) T	Methylcyclohexane	0.518	0.628	0.553	0.581	0.575	0.570	0.571	6.31
40) TM	Benzene	1.273	1.612	1.347	1.425	1.390	1.407	1.409	8.05
41) T	Methacrylonitrile	0.190	0.178	0.191	0.189	0.154	0.173	0.179	8.00
42) TM	1,2-Dichloroethan	0.470	0.580	0.498	0.510	0.494	0.493	0.508	7.45
43) T	Isopropyl Acetate	0.734	0.865	0.699	0.733	0.704	0.702	0.739	8.61
44) TM	Trichloroethene	0.315	0.420	0.347	0.375	0.374	0.384	0.369	9.69
45) C	1,2-Dichloropropa	0.299	0.411	0.350	0.359	0.345	0.351	0.353	10.18#
46) T	Dibromomethane	0.227	0.281	0.235	0.249	0.243	0.249	0.247	7.48
47) T	Bromodichlorometh	0.443	0.589	0.507	0.538	0.519	0.530	0.521	9.10
48) T	Methyl methacryla	0.368	0.397	0.314	0.335	0.318	0.318	0.342	9.90
49) T	1,4-Dioxane	0.006	0.005	0.003	0.004	0.003	0.003	0.004	23.07
50) S	Toluene-d8		1.229	1.168	1.175	1.224	1.279	1.215	3.74
51) T	4-Methyl-2-Pentan	0.354	0.478	0.399	0.416	0.393	0.378	0.403	10.46
52) CM	Toluene	0.781	1.009	0.842	0.931	0.927	0.938	0.905	8.91#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.457	0.645	0.547	0.598	0.583	0.596	0.571	11.24
54) T	cis-1,3-Dichlorop	0.531	0.676	0.587	0.614	0.612	0.621	0.607	7.77
55) T	1,1,2-Trichloroet	0.273	0.400	0.328	0.355	0.345	0.350	0.342	12.07
56) T	Ethyl methacrylat	0.432	0.579	0.513	0.561	0.557	0.566	0.535	10.30
57) T	1,3-Dichloropropa	0.517	0.670	0.569	0.611	0.589	0.589	0.591	8.51
58) T	2-Chloroethyl Vin	0.247	0.231	0.214	0.237	0.236	0.243	0.235	5.04
59) T	2-Hexanone	0.273	0.334	0.278	0.301	0.286	0.277	0.291	7.86
60) T	Dibromochlorometh	0.287	0.409	0.356	0.402	0.401	0.414	0.378	13.00
61) T	1,2-Dibromoethane	0.307	0.394	0.346	0.373	0.366	0.370	0.360	8.36
62) S	4-Bromofluorobenz		0.434	0.426	0.445	0.469	0.495	0.454	6.24
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.352	0.423	0.359	0.388	0.394	0.404	0.387	7.02
65) PM	Chlorobenzene	0.948	1.141	0.952	1.025	1.021	1.030	1.020	6.89
66) T	1,1,1,2-Tetrachlo	0.300	0.404	0.348	0.374	0.378	0.389	0.366	10.11
67) C	Ethyl Benzene	1.608	2.120	1.803	1.931	1.879	1.826	1.861	9.01#
68) T	m/p-Xylenes	0.595	0.761	0.673	0.736	0.733	0.739	0.706	8.77
69) T	o-Xylene	0.586	0.741	0.650	0.705	0.705	0.714	0.684	8.22
70) T	Styrene	0.869	1.174	1.074	1.207	1.221	1.248	1.132	12.59
71) P	Bromoform	0.182	0.267	0.240	0.276	0.285	0.296	0.258	16.20
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.853	4.941	3.830	3.978	3.800	3.682	4.014	11.56
74) T	N-amyl acetate	1.353	1.846	1.397	1.460	1.381	1.378	1.469	12.81
75) P	1,1,2,2-Tetrachlo	1.062	1.414	1.075	1.090	1.012	0.974	1.104	14.27
76) T	1,2,3-Trichloropr	1.050	1.385	1.022	1.034	0.978	0.968	1.073	14.55
77) T	Bromobenzene	0.793	0.998	0.818	0.867	0.867	0.884	0.871	8.16
78) T	n-propylbenzene	4.336	5.502	4.459	4.623	4.355	4.166	4.574	10.47
79) T	2-Chlorotoluene	2.595	3.269	2.563	2.665	2.564	2.564	2.703	10.36
80) T	1,3,5-Trimethylbe	2.909	3.897	3.164	3.341	3.234	3.176	3.287	10.07
81) T	trans-1,4-Dichlor		0.465	0.370	0.391	0.400	0.396	0.404	8.87
82) T	4-Chlorotoluene	2.627	3.216	2.668	2.815	2.744	2.725	2.799	7.65
83) T	tert-Butylbenzene	2.515	3.380	2.698	2.843	2.741	2.715	2.815	10.52
84) T	1,2,4-Trimethylbe	2.983	3.775	3.197	3.370	3.229	3.181	3.289	8.16
85) T	sec-Butylbenzene	3.352	4.584	3.707	3.873	3.723	3.602	3.807	10.98
86) T	p-Isopropyltoluen	2.910	3.933	3.262	3.471	3.395	3.310	3.380	9.84
87) T	1,3-Dichlorobenze	1.291	1.852	1.528	1.616	1.618	1.661	1.594	11.50
88) T	1,4-Dichlorobenze	1.382	1.792	1.505	1.633	1.628	1.640	1.597	8.72
89) T	n-Butylbenzene	2.795	3.429	2.967	3.161	3.081	2.993	3.071	6.98
90) T	Hexachloroethane	0.365	0.505	0.445	0.488	0.466	0.480	0.458	10.95
91) T	1,2-Dichlorobenze	1.334	1.737	1.472	1.564	1.529	1.540	1.529	8.58
92) T	1,2-Dibromo-3-Chl	0.214	0.267	0.220	0.223	0.210	0.204	0.223	10.18
93) T	1,2,4-Trichlorobe	0.612	0.874	0.792	0.886	0.888	0.923	0.829	13.86
94) T	Hexachlorobutadie	0.358	0.411	0.353	0.373	0.359	0.356	0.368	6.04
95) T	Naphthalene	1.964	2.671	2.599	2.863	2.852	2.867	2.636	13.20
96) T	1,2,3-Trichlorobe	0.672	0.865	0.802	0.860	0.865	0.889	0.825	9.78

(#) = Out of Range