

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N110518W.M
 Title : SW846 8260
 Last Update : Mon Nov 05 22:32:25 2018
 Response Via : Initial Calibration

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Calibration Files

1 =VN052143.D 5 =VN052144.D 20 =VN052145.D
 50 =VN052146.D 100 =VN052147.D 150 =VN052148.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.428	0.409	0.452	0.443	0.446	0.438	0.436	3.55
3) P	Chloromethane	0.629	0.581	0.597	0.595	0.570	0.559	0.588	4.19
4) C	Vinyl Chloride	0.580	0.574	0.575	0.568	0.549	0.537	0.564	2.96#
5) T	Bromomethane	0.515	0.448	0.411	0.397	0.378	0.379	0.421	12.52
6) T	Chloroethane	0.369	0.379	0.369	0.367	0.344	0.335	0.360	4.71
7) T	Trichlorofluorome	0.820	0.862	0.820	0.825	0.797	0.788	0.819	3.14
8) T	Diethyl Ether	0.292	0.292	0.289	0.286	0.279	0.278	0.286	2.19
9) T	1,1,2-Trichlorotr	0.468	0.536	0.486	0.488	0.486	0.472	0.489	4.99
10) T	Methyl Iodide		0.624	0.649	0.703	0.733	0.746	0.691	7.63
11) T	Tert butyl alcoho		0.026	0.032	0.023	0.023	0.024	0.026	14.40
12) CM	1,1-Dichloroethen	0.463	0.469	0.466	0.465	0.452	0.449	0.461	1.75#
13) T	Acrolein		0.010	0.026	0.025	0.025	0.029	0.023	32.87
14) T	Allyl chloride	0.791	0.722	0.740	0.807	0.758	0.795	0.769	4.42
15) T	Acrylonitrile	0.161	0.169	0.180	0.172	0.166	0.165	0.169	3.99
16) T	Acetone	0.161	0.134	0.145	0.127	0.121	0.118	0.134	12.04
17) T	Carbon Disulfide	1.367	1.236	1.253	1.324	1.349	1.358	1.314	4.27
18) T	Methyl Acetate	0.538	0.449	0.437	0.382	0.374	0.381	0.427	14.75
19) T	Methyl tert-butyl	1.168	1.265	1.361	1.308	1.263	1.241	1.268	5.13
20) T	Methylene Chlorid	0.625	0.590	0.549	0.542	0.527	0.516	0.558	7.36
21) T	trans-1,2-Dichlor	0.525	0.503	0.507	0.519	0.506	0.504	0.511	1.75
22) T	Diisopropyl ether	1.648	1.690	1.733	1.738	1.675	1.634	1.686	2.55
23) T	Vinyl Acetate	0.922	1.042	1.190	1.199	1.169	1.165	1.115	9.87
24) P	1,1-Dichloroethan	0.942	0.999	0.977	0.957	0.952	0.921	0.958	2.83
25) T	2-Butanone	0.220	0.221	0.231	0.200	0.191	0.187	0.208	8.68
26) T	2,2-Dichloropropa	0.723	0.754	0.746	0.771	0.762	0.743	0.750	2.21
27) T	cis-1,2-Dichloroe	0.569	0.574	0.591	0.593	0.592	0.567	0.581	2.10
28) T	Bromochloromethan	0.472	0.433	0.459	0.468	0.448	0.439	0.453	3.49
29) T	Tetrahydrofuran	0.124	0.122	0.142	0.134	0.125	0.126	0.129	6.02
30) C	Chloroform	0.880	0.970	1.000	0.977	0.970	0.931	0.955	4.49#
31) T	Cyclohexane	1.857	1.049	0.943	0.915	0.880	0.850	1.082	35.62
32) T	1,1,1-Trichloroet	0.818	0.834	0.848	0.869	0.845	0.832	0.841	2.09
33) S	1,2-Dichloroethan		0.643	0.603	0.598	0.566	0.555	0.593	5.80
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.307	0.291	0.315	0.320	0.320	0.310	3.89
36) T	1,1-Dichloroprope	0.467	0.422	0.401	0.457	0.457	0.450	0.442	5.73
37) T	Ethyl Acetate	0.088	0.224	0.295	0.276	0.270	0.272	0.238	32.37
38) T	Carbon Tetrachlor	0.444	0.395	0.415	0.457	0.473	0.469	0.442	7.06
39) T	Methylcyclohexane	0.500	0.489	0.501	0.549	0.559	0.545	0.524	5.82
40) TM	Benzene	1.252	1.287	1.275	1.336	1.342	1.310	1.300	2.70
41) T	Methacrylonitrile	0.077	0.141	0.139	0.150	0.153	0.157	0.136	21.86
42) TM	1,2-Dichloroethan	0.440	0.391	0.419	0.422	0.421	0.414	0.418	3.76
43) T	Isopropyl Acetate	0.523	0.456	0.522	0.514	0.500	0.513	0.505	4.96
44) TM	Trichloroethene	0.349	0.308	0.333	0.352	0.365	0.358	0.344	5.99
45) C	1,2-Dichloropropa	0.339	0.333	0.338	0.354	0.354	0.348	0.344	2.52#
46) T	Dibromomethane	0.244	0.209	0.211	0.219	0.218	0.213	0.219	5.84
47) T	Bromodichlorometh	0.387	0.407	0.418	0.442	0.455	0.453	0.427	6.40
48) T	Methyl methacryla	0.219	0.231	0.251	0.251	0.250	0.255	0.243	6.05
49) T	1,4-Dioxane	0.001	0.002	0.003	0.002	0.002	0.002	0.002	26.67
50) S	Toluene-d8		1.198	1.121	1.222	1.238	1.221	1.200	3.87
51) T	4-Methyl-2-Pentan	0.245	0.251	0.290	0.275	0.270	0.268	0.267	6.11
52) CM	Toluene	0.699	0.724	0.770	0.837	0.842	0.834	0.784	8.00#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.357	0.353	0.407	0.449	0.469	0.479	0.419	13.24
54) T	cis-1,3-Dichlorop	0.420	0.438	0.481	0.522	0.539	0.541	0.490	10.63
55) T	1,1,2-Trichloroet	0.237	0.260	0.292	0.289	0.291	0.290	0.276	8.30
56) T	Ethyl methacrylat	0.313	0.329	0.373	0.377	0.383	0.388	0.360	8.69
57) T	1,3-Dichloropropa	0.463	0.462	0.503	0.499	0.499	0.495	0.487	3.96
58) T	2-Chloroethyl Vin	0.175	0.148	0.212	0.210	0.209	0.211	0.194	13.78
59) T	2-Hexanone	0.173	0.177	0.207	0.191	0.183	0.183	0.186	6.45
60) T	Dibromochlorometh	0.259	0.275	0.302	0.339	0.352	0.359	0.314	13.31
61) T	1,2-Dibromoethane	0.221	0.265	0.293	0.297	0.302	0.304	0.281	11.51
62) S	4-Bromofluorobenz		0.350	0.376	0.412	0.417	0.415	0.394	7.50
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.290	0.305	0.323	0.335	0.343	0.347	0.324	6.94
65) PM	Chlorobenzene	1.078	0.953	0.995	1.023	1.035	1.030	1.019	4.13
66) T	1,1,1,2-Tetrachlo	0.312	0.301	0.341	0.362	0.366	0.372	0.342	8.72
67) C	Ethyl Benzene	1.586	1.602	1.685	1.757	1.762	1.764	1.693	4.87#
68) T	m/p-Xylenes	0.624	0.584	0.657	0.683	0.689	0.682	0.653	6.33
69) T	o-Xylene	0.601	0.589	0.628	0.658	0.660	0.664	0.633	5.15
70) T	Styrene	0.922	0.903	0.995	1.056	1.070	1.069	1.003	7.49
71) P	Bromoform	0.146	0.165	0.190	0.216	0.230	0.241	0.198	18.91
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.798	3.889	3.669	3.865	3.747	3.715	3.780	2.27
74) T	N-amyl acetate	1.122	1.102	1.151	1.147	1.114	1.096	1.122	2.02
75) P	1,1,2,2-Tetrachlo	0.846	0.862	0.879	0.833	0.778	0.767	0.828	5.51
76) T	1,2,3-Trichloropr	0.922	0.738	0.844	0.787	0.688	0.741	0.787	10.73
77) T	Bromobenzene	0.922	0.867	0.881	0.930	0.907	0.902	0.902	2.66
78) T	n-propylbenzene	4.383	4.372	4.233	4.395	4.272	4.268	4.321	1.63
79) T	2-Chlorotoluene	2.660	2.725	2.470	2.502	2.437	2.407	2.534	5.07
80) T	1,3,5-Trimethylbe	3.183	3.114	2.983	3.103	3.004	2.973	3.060	2.79
81) T	trans-1,4-Dichlor	0.204	0.181	0.212	0.232	0.238	0.252	0.220	11.69
82) T	4-Chlorotoluene	2.609	2.637	2.471	2.562	2.499	2.502	2.546	2.62
83) T	tert-Butylbenzene	2.825	2.784	2.657	2.707	2.623	2.617	2.702	3.19
84) T	1,2,4-Trimethylbe	2.951	3.083	3.064	3.119	3.060	3.000	3.046	1.98
85) T	sec-Butylbenzene	3.773	3.704	3.562	3.669	3.604	3.611	3.654	2.11
86) T	p-Isopropyltoluen	2.993	2.954	3.072	3.181	3.130	3.122	3.075	2.84
87) T	1,3-Dichlorobenze	1.647	1.569	1.545	1.616	1.587	1.595	1.593	2.25
88) T	1,4-Dichlorobenze	1.629	1.563	1.560	1.614	1.585	1.603	1.592	1.75
89) T	n-Butylbenzene	2.817	2.506	2.548	2.694	2.676	2.736	2.663	4.39
90) T	Hexachloroethane	0.460	0.522	0.468	0.543	0.554	0.563	0.518	8.56
91) T	1,2-Dichlorobenze	1.456	1.476	1.517	1.536	1.504	1.482	1.495	1.96
92) T	1,2-Dibromo-3-Chl	0.093	0.111	0.124	0.109	0.108	0.112	0.109	9.11
93) T	1,2,4-Trichlorobe	0.888	0.531	0.646	0.666	0.694	0.744	0.695	16.99
94) T	Hexachlorobutadie	0.665	0.363	0.345	0.348	0.354	0.349	0.404	31.66
95) T	Naphthalene	1.694	1.240	1.556	1.523	1.555	1.619	1.531	10.12
96) T	1,2,3-Trichlorobe	0.834	0.473	0.579	0.576	0.600	0.633	0.616	19.43

(#) = Out of Range