

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\
 Method File : 82N092318W.M
 Title : SW846 8260
 Last Update : Mon Sep 24 06:10:04 2018
 Response Via : Initial Calibration

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Calibration Files

1 =VN051336.D 5 =VN051397.D 20 =VN051398.D
 50 =VN051393.D 100 =VN051394.D 150 =VN051395.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.553	0.454	0.426	0.455	0.444	0.466	10.64	
3) P	Chloromethane	0.848	0.741	0.678	0.732	0.714	0.743	8.59	
4) C	Vinyl Chloride	0.908	0.806	0.750	0.820	0.813	0.820	6.93#	
5) T	Bromomethane	0.668	0.503	0.471	0.479	0.499	0.524	15.56	
6) T	Chloroethane	0.566	0.510	0.488	0.489	0.501	0.511	6.31	
7) T	Trichlorofluorome	1.240	1.065	1.046	1.023	0.993	1.074	9.03	
8) T	Diethyl Ether	0.437	0.305	0.377	0.328	0.320	0.353	15.31	
9) T	1,1,2-Trichlorotr	0.731	0.550	0.665	0.557	0.526	0.606	14.52	
10) T	Methyl Iodide	0.617	0.664	0.898	0.806	0.801	0.757	15.12	
11) T	Tert butyl alcoho	0.035	0.032	0.038	0.035	0.036	0.035	5.83	
12) CM	1,1-Dichloroethen	0.677	0.498	0.594	0.512	0.500	0.556	14.09#	
13) T	Acrolein	0.034	0.030	0.041	0.037	0.034	0.035	10.86	
14) T	Allyl chloride	0.897	0.859	1.072	0.928	0.911	0.933	8.74	
15) T	Acrylonitrile	0.189	0.173	0.217	0.190	0.192	0.192	8.28	
16) T	Acetone	0.179	0.131	0.164	0.134	0.127	0.147	15.48	
17) T	Carbon Disulfide	1.812	1.476	1.816	1.544	1.523	1.634	10.16	
18) T	Methyl Acetate	0.490	0.435	0.544	0.463	0.454	0.477	8.83	
19) T	Methyl tert-butyl	1.390	1.350	1.521	1.466	1.446	1.435	4.65	
20) T	Methylene Chlorid	0.650	0.583	0.702	0.587	0.577	0.620	8.79	
21) T	trans-1,2-Dichlor	0.601	0.540	0.605	0.557	0.544	0.569	5.50	
22) T	Diisopropyl ether	1.769	1.801	1.752	1.867	1.831	1.804	2.57	
23) T	Vinyl Acetate	1.135	1.126	1.148	1.262	1.252	1.184	5.63	
24) P	1,1-Dichloroethan	1.168	1.074	1.020	1.075	1.047	1.076	5.18	
25) T	2-Butanone	0.246	0.195	0.199	0.217	0.214	0.214	9.37	
26) T	2,2-Dichloropropa	0.909	0.819	0.786	0.854	0.834	0.840	5.44	
27) T	cis-1,2-Dichloroe	0.659	0.603	0.600	0.636	0.624	0.624	3.89	
28) T	Bromochloromethan	0.525	0.493	0.480	0.495	0.492	0.497	3.33	
29) T	Tetrahydrofuran	0.129	0.131	0.132	0.144	0.144	0.136	5.49	
30) C	Chloroform	1.137	1.064	1.022	1.066	1.043	1.067	4.05#	
31) T	Cyclohexane	1.093	0.953	0.924	0.991	0.969	0.986	6.57	
32) T	1,1,1-Trichloroet	0.937	0.906	0.870	0.934	0.913	0.912	2.94	
33) S	1,2-Dichloroethan	0.717	0.578	0.581	0.629	0.626	0.626	8.98	
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.444	0.368	0.379	0.404	0.404	0.400	7.33	
36) T	1,1-Dichloroprope	0.598	0.547	0.557	0.605	0.589	0.579	4.46	
37) T	Ethyl Acetate	0.346	0.300	0.326	0.347	0.346	0.333	6.12	
38) T	Carbon Tetrachlor	0.626	0.578	0.593	0.621	0.610	0.606	3.27	
39) T	Methylcyclohexane	0.656	0.613	0.667	0.726	0.723	0.677	7.08	
40) TM	Benzene	1.726	1.645	1.672	1.747	1.710	1.700	2.43	
41) T	Methacrylonitrile	0.182	0.197	0.172	0.175	0.195	0.184	6.22	
42) TM	1,2-Dichloroethan	0.573	0.522	0.522	0.558	0.546	0.544	4.18	
43) T	Isopropyl Acetate	0.580	0.571	0.574	0.642	0.643	0.602	6.10	
44) TM	Trichloroethene	0.478	0.426	0.437	0.462	0.455	0.452	4.52	
45) C	1,2-Dichloropropa	0.477	0.443	0.454	0.472	0.465	0.462	3.02#	
46) T	Dibromomethane	0.265	0.249	0.254	0.270	0.268	0.261	3.59	
47) T	Bromodichlorometh	0.590	0.548	0.565	0.596	0.591	0.578	3.54	
48) T	Methyl methacryla	0.285	0.269	0.291	0.325	0.331	0.300	8.94	
49) T	1,4-Dioxane	0.004	0.003	0.004	0.004	0.004	0.004	5.71	
50) S	Toluene-d8	1.579	1.340	1.433	1.543	1.633	1.506	7.83	
51) T	4-Methyl-2-Pentan	0.325	0.303	0.320	0.344	0.363	0.331	6.99	
52) CM	Toluene	1.038	0.994	1.019	1.096	1.136	1.057	5.51#	

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro		0.563	0.523	0.560	0.631	0.640	0.583	8.58
54) T	cis-1,3-Dichlorop		0.650	0.626	0.659	0.719	0.729	0.677	6.68
55) T	1,1,2-Trichloroet		0.379	0.359	0.366	0.383	0.381	0.373	2.78
56) T	Ethyl methacrylat		0.394	0.406	0.453	0.511	0.519	0.457	12.60
57) T	1,3-Dichloropropa		0.644	0.606	0.625	0.665	0.660	0.640	3.82
58) T	2-Chloroethyl Vin		0.178	0.212	0.227	0.260	0.263	0.228	15.44
59) T	2-Hexanone		0.214	0.190	0.208	0.231	0.230	0.215	7.82
60) T	Dibromochlorometh		0.436	0.409	0.430	0.464	0.463	0.441	5.32
61) T	1,2-Dibromoethane		0.368	0.335	0.346	0.381	0.384	0.362	5.93
62) S	4-Bromofluorobenz		0.489	0.414	0.464	0.524	0.545	0.487	10.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene		0.481	0.446	0.442	0.456	0.444	0.454	3.53
65) PM	Chlorobenzene		1.335	1.236	1.230	1.316	1.298	1.283	3.70
66) T	1,1,1,2-Tetrachlo		0.505	0.479	0.470	0.500	0.490	0.489	3.01
67) C	Ethyl Benzene		2.059	2.045	2.133	2.305	2.268	2.162	5.50#
68) T	m/p-Xylenes		0.787	0.809	0.836	0.878	0.871	0.836	4.71
69) T	o-Xylene		0.759	0.771	0.797	0.858	0.835	0.804	5.25
70) T	Styrene		1.139	1.190	1.276	1.396	1.368	1.274	8.69
71) P	Bromoform		0.320	0.317	0.319	0.354	0.348	0.332	5.44
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene		4.522	4.260	4.067	4.140	4.105	4.219	4.37
74) T	N-amyl acetate		1.075	0.998	1.009	1.100	1.112	1.058	4.95
75) P	1,1,2,2-Tetrachlo		1.162	1.006	0.917	0.938	0.896	0.984	10.94
76) T	1,2,3-Trichloropr		0.896	0.931	0.806	0.759	0.757	0.830	9.62
77) T	Bromobenzene		1.223	1.069	0.999	1.022	1.027	1.068	8.43
78) T	n-propylbenzene		4.900	4.720	4.631	4.759	4.763	4.755	2.04
79) T	2-Chlorotoluene		3.176	2.881	2.699	2.767	2.706	2.846	6.98
80) T	1,3,5-Trimethylbe		3.504	3.536	3.369	3.415	3.375	3.440	2.22
81) T	trans-1,4-Dichlor		0.268	0.249	0.256	0.282	0.294	0.270	6.76
82) T	4-Chlorotoluene		3.065	2.829	2.708	2.811	2.790	2.841	4.71
83) T	tert-Butylbenzene		3.323	3.041	2.944	3.007	2.995	3.062	4.90
84) T	1,2,4-Trimethylbe		3.515	3.484	3.409	3.495	3.428	3.466	1.31
85) T	sec-Butylbenzene		4.369	4.108	3.999	4.142	4.093	4.142	3.31
86) T	p-Isopropyltoluen		3.552	3.551	3.510	3.653	3.656	3.584	1.85
87) T	1,3-Dichlorobenze		2.009	1.810	1.755	1.835	1.832	1.848	5.17
88) T	1,4-Dichlorobenze		1.910	1.693	1.716	1.791	1.781	1.778	4.76
89) T	n-Butylbenzene		2.803	2.720	2.909	3.135	3.170	2.947	6.76
90) T	Hexachloroethane		0.855	0.707	0.664	0.676	0.668	0.714	11.28
91) T	1,2-Dichlorobenze		1.984	1.796	1.712	1.759	1.715	1.793	6.25
92) T	1,2-Dibromo-3-Chl		0.153	0.139	0.132	0.139	0.140	0.140	5.43
93) T	1,2,4-Trichlorobe		0.648	0.754	0.871	1.011	1.074	0.872	20.21
94) T	Hexachlorobutadie		0.816	0.668	0.641	0.642	0.625	0.678	11.58
95) T	Naphthalene		1.148	1.269	1.597	1.966	2.155	1.627	26.67
96) T	1,2,3-Trichlorobe		0.720	0.765	0.857	0.954	1.006	0.861	14.11

(#) = Out of Range