

Method Path : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\
 Method File : 82N042220W.M
 Title : SW846 8260
 Last Update : Wed Apr 22 15:26:40 2020
 Response Via : Initial Calibration

Calibration Files

1 =VN061125.D 5 =VN061126.D 20 =VN061127.D
 50 =VN061128.D 100 =VN061129.D 150 =VN061130.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.388	0.455	0.476	0.504	0.479	0.487	0.465	8.85
3) P	Chloromethane	0.581	0.588	0.543	0.585	0.549	0.561	0.568	3.44
4) C	Vinyl Chloride	0.654	0.741	0.675	0.710	0.675	0.680	0.689	4.52#
5) T	Bromomethane		0.361	0.319	0.345	0.319	0.331	0.335	5.35
6) T	Chloroethane	0.361	0.384	0.353	0.374	0.353	0.359	0.364	3.49
7) T	Trichlorofluorome	0.740	0.814	0.691	0.732	0.714	0.716	0.735	5.80
8) T	Diethyl Ether	0.356	0.380	0.321	0.336	0.320	0.322	0.339	7.15
9) T	1,1,2-Trichlorotr	0.446	0.553	0.483	0.508	0.479	0.477	0.491	7.42
10) T	Methyl Iodide		0.758	0.664	0.721	0.682	0.715	0.708	5.18
11) T	Tert butyl alcoho		0.091	0.077	0.090	0.086	0.082	0.085	6.59
12) CM	1,1-Dichloroethen	0.534	0.540	0.474	0.498	0.479	0.474	0.500	5.99#
13) T	Acrolein		0.059	0.055	0.066	0.071	0.075	0.065	12.36
14) T	Allyl chloride	0.932	0.948	0.712	0.688	0.631	0.629	0.757	19.24
15) T	Acrylonitrile	0.222	0.284	0.259	0.280	0.272	0.271	0.265	8.51
16) T	Acetone	0.676	0.332	0.236	0.239	0.218	0.218	0.320	56.17
17) T	Carbon Disulfide	1.554	1.578	1.414	1.527	1.432	1.463	1.495	4.55
18) T	Methyl Acetate	1.096	1.009	0.732	0.796	0.792	0.782	0.868	16.99
19) T	Methyl tert-butyl	1.763	1.953	1.686	1.783	1.699	1.709	1.766	5.63
20) T	Methylene Chlorid	0.631	0.643	0.535	0.574	0.541	0.552	0.579	8.04
21) T	trans-1,2-Dichlor	0.748	0.652	0.543	0.570	0.535	0.546	0.599	14.13
22) T	Diisopropyl ether	1.742	2.030	1.734	1.875	1.790	1.803	1.829	6.05
23) T	Vinyl Acetate	1.317	1.578	1.413	1.547	1.471	1.469	1.466	6.41
24) P	1,1-Dichloroethan	0.938	1.148	0.974	1.047	0.984	0.982	1.012	7.43
25) T	2-Butanone	0.330	0.377	0.345	0.384	0.367	0.364	0.361	5.62
26) T	2,2-Dichloropropa	0.895	1.033	0.855	0.924	0.882	0.880	0.911	6.98
27) T	cis-1,2-Dichloroe	0.753	0.744	0.618	0.646	0.614	0.614	0.665	9.92
28) T	Bromochloromethan	0.365	0.483	0.412	0.442	0.443	0.465	0.435	9.63
29) T	Tetrahydrofuran	0.224	0.273	0.238	0.260	0.251	0.247	0.249	6.84
30) C	Chloroform	0.966	1.153	0.973	1.056	0.990	1.002	1.023	6.97#
31) T	Cyclohexane		1.256	0.977	1.000	0.931	0.926	1.018	13.42
32) T	1,1,1-Trichloroet	0.897	1.014	0.873	0.928	0.878	0.887	0.913	5.85
33) S	1,2-Dichloroethan		0.722	0.639	0.649	0.637	0.668	0.663	5.30
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.303	0.277	0.281	0.281	0.285	0.285	3.71
36) T	1,1-Dichloroprope	0.482	0.543	0.463	0.496	0.474	0.474	0.489	5.87
37) T	Ethyl Acetate	0.495	0.489	0.468	0.505	0.497	0.484	0.490	2.61
38) T	Carbon Tetrachlor	0.375	0.469	0.400	0.445	0.438	0.440	0.428	7.99
39) T	Methylcyclohexane	0.566	0.676	0.565	0.611	0.586	0.581	0.597	6.99
40) TM	Benzene	1.452	1.620	1.361	1.462	1.395	1.391	1.447	6.44
41) T	Methacrylonitrile	0.178	0.267	0.221	0.244	0.245	0.241	0.233	13.00
42) TM	1,2-Dichloroethan	0.503	0.591	0.492	0.518	0.494	0.495	0.516	7.44
43) T	Isopropyl Acetate	0.809	0.905	0.779	0.850	0.829	0.820	0.832	5.17
44) TM	Trichloroethene	0.431	0.477	0.401	0.420	0.400	0.394	0.421	7.41
45) C	1,2-Dichloropropa	0.401	0.425	0.358	0.384	0.366	0.364	0.383	6.78#
46) T	Dibromomethane	0.243	0.263	0.229	0.254	0.242	0.241	0.245	4.83
47) T	Bromodichlorometh	0.431	0.528	0.454	0.506	0.489	0.492	0.484	7.30
48) T	Methyl methacryla	0.387	0.414	0.351	0.404	0.397	0.397	0.392	5.58
49) T	1,4-Dioxane	0.012	0.006	0.004	0.004	0.004	0.004	0.006	57.82
50) S	Toluene-d8		1.306	1.145	1.196	1.211	1.256	1.223	5.00
51) T	4-Methyl-2-Pentan	0.448	0.514	0.465	0.512	0.496	0.478	0.485	5.49
52) CM	Toluene	0.878	1.010	0.843	0.921	0.889	0.894	0.906	6.29#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.586	0.644	0.543	0.598	0.589	0.589	0.592	5.45
54) T	cis-1,3-Dichlorop	0.580	0.676	0.580	0.634	0.611	0.614	0.616	5.88
55) T	1,1,2-Trichloroet	0.342	0.380	0.330	0.357	0.344	0.342	0.349	5.04
56) T	Ethyl methacrylat	0.456	0.542	0.491	0.568	0.565	0.570	0.532	8.97
57) T	1,3-Dichloropropa	0.569	0.651	0.560	0.605	0.585	0.583	0.592	5.48
58) T	2-Chloroethyl Vin	0.236	0.286	0.256	0.285	0.291	0.290	0.274	8.36
59) T	2-Hexanone	0.315	0.380	0.341	0.380	0.374	0.362	0.359	7.24
60) T	Dibromochlorometh	0.324	0.384	0.341	0.381	0.377	0.383	0.365	7.14
61) T	1,2-Dibromoethane	0.324	0.389	0.338	0.374	0.367	0.367	0.360	6.72
62) S	4-Bromofluorobenz		0.474	0.427	0.448	0.460	0.480	0.458	4.63
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.567	0.589	0.493	0.507	0.462	0.452	0.512	10.85
65) PM	Chlorobenzene	1.008	1.133	0.964	1.034	0.982	0.977	1.016	6.15
66) T	1,1,1,2-Tetrachlo	0.332	0.397	0.339	0.376	0.357	0.360	0.360	6.68
67) C	Ethyl Benzene	1.868	2.112	1.799	1.938	1.821	1.818	1.893	6.27#
68) T	m/p-Xylenes	0.670	0.792	0.671	0.728	0.690	0.691	0.707	6.58
69) T	o-Xylene	0.694	0.751	0.635	0.698	0.656	0.661	0.682	6.00
70) T	Styrene	0.992	1.157	1.037	1.169	1.132	1.144	1.105	6.58
71) P	Bromoform	0.216	0.274	0.252	0.294	0.295	0.298	0.272	11.90
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.856	4.216	3.561	3.805	3.573	3.654	3.777	6.52
74) T	N-amyl acetate	1.678	1.805	1.574	1.740	1.677	1.714	1.698	4.53
75) P	1,1,2,2-Tetrachlo	1.018	1.128	0.951	1.024	0.968	0.985	1.012	6.25
76) T	1,2,3-Trichloropr	1.150	1.288	1.071	1.162	1.128	1.121	1.153	6.34
77) T	Bromobenzene	0.920	1.045	0.855	0.928	0.872	0.902	0.920	7.29
78) T	n-propylbenzene	4.428	5.004	4.148	4.499	4.218	4.287	4.431	6.99
79) T	2-Chlorotoluene	2.596	2.912	2.406	2.584	2.431	2.508	2.573	7.13
80) T	1,3,5-Trimethylbe	3.199	3.583	2.977	3.229	3.036	3.074	3.183	6.86
81) T	trans-1,4-Dichlor		0.467	0.393	0.450	0.441	0.445	0.439	6.27
82) T	4-Chlorotoluene	2.831	3.014	2.548	2.710	2.592	2.682	2.729	6.25
83) T	tert-Butylbenzene	2.663	2.949	2.486	2.736	2.572	2.632	2.673	5.97
84) T	1,2,4-Trimethylbe	3.209	3.520	2.987	3.223	3.027	3.054	3.170	6.22
85) T	sec-Butylbenzene	3.644	4.004	3.379	3.686	3.490	3.500	3.617	6.08
86) T	p-Isopropyltoluen	3.227	3.703	3.095	3.338	3.160	3.175	3.283	6.73
87) T	1,3-Dichlorobenze	1.652	1.837	1.526	1.645	1.562	1.565	1.631	6.91
88) T	1,4-Dichlorobenze	1.723	1.893	1.533	1.661	1.562	1.564	1.656	8.23
89) T	n-Butylbenzene	2.969	3.329	2.783	3.079	2.920	2.894	2.996	6.34
90) T	Hexachloroethane	0.107	0.239	0.224	0.308	0.357	0.366	0.267	36.62
91) T	1,2-Dichlorobenze	1.495	1.711	1.454	1.552	1.446	1.447	1.518	6.81
92) T	1,2-Dibromo-3-Chl	0.218	0.239	0.200	0.227	0.214	0.220	0.220	5.96
93) T	1,2,4-Trichlorobe	1.050	1.110	0.955	1.019	0.961	0.995	1.015	5.77
94) T	Hexachlorobutadie	0.477	0.506	0.411	0.442	0.405	0.415	0.443	9.27
95) T	Naphthalene	3.129	3.407	2.951	3.205	3.016	3.095	3.134	5.12
96) T	1,2,3-Trichlorobe	0.996	1.069	0.917	0.979	0.929	0.962	0.975	5.59

(#) = Out of Range