

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X062518W.M
 Title : SW846 8260
 Last Update : Mon Jun 25 14:38:05 2018
 Response Via : Initial Calibration

Calibration Files

1 =VX002856.D 5 =VX002857.D 20 =VX002863.D
 50 =VX002859.D 100 =VX002860.D 150 =VX002861.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.618	0.591	0.448	0.436	0.438	0.449	0.497	16.93
3) P	Chloromethane	0.696	0.563	0.491	0.462	0.464	0.454	0.521	18.15
4) C	Vinyl Chloride	0.647	0.634	0.546	0.510	0.521	0.534	0.565	10.57#
5) T	Bromomethane	0.608	0.368	0.364	0.250	0.245	0.260	0.349	39.79
6) T	Chloroethane	0.505	0.409	0.348	0.336	0.346	0.313	0.376	18.86
7) T	Trichlorofluorome	1.028	1.007	0.963	0.912	0.910	0.902	0.954	5.71
8) T	Diethyl Ether	0.394	0.358	0.335	0.328	0.330	0.336	0.347	7.34
9) T	1,1,2-Trichlorotr	0.652	0.586	0.538	0.511	0.513	0.515	0.553	10.17
10) T	Methyl Iodide		0.432	0.440	0.494	0.582	0.628	0.515	16.93
11) T	Tert butyl alcoho		0.140	0.144	0.133	0.132	0.139	0.138	3.67
12) CM	1,1-Dichloroethen	0.578	0.508	0.483	0.456	0.461	0.473	0.493	9.20#
13) T	Acrolein		0.106	0.078	0.072	0.073	0.079	0.082	16.87
14) T	Allyl chloride	1.047	0.997	0.957	0.922	0.946	0.964	0.972	4.52
15) T	Acrylonitrile	0.297	0.299	0.297	0.283	0.286	0.302	0.294	2.56
16) T	Acetone	0.300	0.292	0.294	0.276	0.273	0.281	0.286	3.81
17) T	Carbon Disulfide	1.559	1.380	1.235	1.198	1.227	1.284	1.314	10.37
18) T	Methyl Acetate	0.720	0.742	0.864	0.815	0.817	0.843	0.800	7.10
19) T	Methyl tert-butyl	1.842	1.824	1.773	1.707	1.729	1.761	1.773	2.97
20) T	Methylene Chlorid	0.632	0.589	0.539	0.522	0.522	0.537	0.557	7.96
21) T	trans-1,2-Dichlor	0.610	0.572	0.521	0.498	0.507	0.514	0.537	8.22
22) T	Diisopropyl ether	1.929	1.870	1.838	1.782	1.838	1.892	1.858	2.75
23) T	Vinyl Acetate	1.623	1.621	1.536	1.511	1.555	1.594	1.573	2.96
24) P	1,1-Dichloroethan	1.114	1.058	0.995	0.957	0.962	0.973	1.010	6.26
25) T	2-Butanone	0.409	0.437	0.433	0.413	0.421	0.436	0.425	2.90
26) T	2,2-Dichloropropa	0.887	0.813	0.800	0.788	0.811	0.828	0.821	4.26
27) T	cis-1,2-Dichloroe	0.668	0.610	0.589	0.569	0.584	0.593	0.602	5.78
28) T	Bromochloromethan	0.531	0.492	0.510	0.481	0.465	0.419	0.483	8.03
29) T	Tetrahydrofuran	0.277	0.275	0.270	0.262	0.271	0.279	0.272	2.26
30) C	Chloroform	1.060	1.061	1.041	0.994	1.021	1.041	1.036	2.48#
31) T	Cyclohexane	0.930	0.879	0.848	0.829	0.851	0.864	0.867	4.02
32) T	1,1,1-Trichloroet	0.899	0.909	0.900	0.889	0.926	0.948	0.912	2.39
33) S	1,2-Dichloroethan		0.766	0.708	0.663	0.648	0.670	0.691	6.83

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.421	0.401	0.387	0.380	0.391	0.396	4.03
36) T	1,1-Dichloroprope	0.591	0.553	0.532	0.524	0.541	0.549	0.548	4.29
37) T	Ethyl Acetate	0.557	0.604	0.597	0.573	0.599	0.613	0.590	3.59
38) T	Carbon Tetrachlor	0.633	0.564	0.590	0.586	0.612	0.625	0.602	4.30
39) T	Methylcyclohexane	0.663	0.628	0.634	0.619	0.643	0.644	0.639	2.36
40) TM	Benzene	1.650	1.596	1.578	1.557	1.589	1.588	1.593	1.96
41) T	Methacrylonitrile	0.346	0.325	0.336	0.335	0.344	0.354	0.340	3.04
42) TM	1,2-Dichloroethan	0.717	0.649	0.627	0.618	0.627	0.623	0.644	5.84
43) T	Isopropyl Acetate	1.017	0.944	0.966	0.958	1.009	1.047	0.990	4.05
44) TM	Trichloroethene	0.518	0.465	0.472	0.452	0.470	0.473	0.475	4.71
45) C	1,2-Dichloropropa	0.459	0.432	0.413	0.397	0.419	0.416	0.423	5.02#
46) T	Dibromomethane	0.317	0.288	0.285	0.287	0.291	0.292	0.293	4.06
47) T	Bromodichlorometh	0.521	0.498	0.527	0.543	0.577	0.587	0.542	6.32
48) T	Methyl methacryla	0.475	0.474	0.510	0.514	0.535	0.554	0.510	6.24
49) T	1,4-Dioxane	0.010	0.010	0.010	0.010	0.010	0.010	0.010	2.09
50) S	Toluene-d8		1.484	1.455	1.434	1.400	1.456	1.446	2.14
51) T	4-Methyl-2-Pentan	0.543	0.605	0.624	0.624	0.649	0.671	0.619	7.10
52) CM	Toluene	1.008	0.984	1.021	1.012	1.042	1.058	1.021	2.56#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.511	0.553	0.609	0.636	0.680	0.695	0.614	11.67
54) T	cis-1,3-Dichlorop	0.535	0.511	0.567	0.603	0.649	0.680	0.591	11.08
55) T	1,1,2-Trichloroet	0.420	0.406	0.414	0.410	0.429	0.437	0.419	2.79
56) T	Ethyl methacrylat	0.526	0.580	0.608	0.615	0.658	0.691	0.613	9.48
57) T	1,3-Dichloropropa	0.697	0.668	0.682	0.674	0.700	0.711	0.689	2.41
58) T	2-Chloroethyl Vin	0.247	0.275	0.300	0.304	0.325	0.324	0.296	10.25
59) T	2-Hexanone	0.392	0.449	0.481	0.481	0.502	0.519	0.471	9.55
60) T	Dibromochlorometh	0.376	0.380	0.432	0.457	0.490	0.514	0.441	12.82
61) T	1,2-Dibromoethane	0.424	0.415	0.438	0.436	0.456	0.470	0.440	4.61
62) S	4-Bromofluorobenz		0.536	0.547	0.551	0.560	0.593	0.558	3.83
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.621	0.556	0.550	0.535	0.535	0.539	0.556	5.91
65) PM	Chlorobenzene	1.379	1.260	1.267	1.206	1.236	1.273	1.270	4.61
66) T	1,1,1,2-Tetrachlo	0.451	0.435	0.461	0.454	0.475	0.492	0.461	4.39
67) C	Ethyl Benzene	2.062	2.039	2.103	2.072	2.130	2.181	2.098	2.47#
68) T	m/p-Xylenes	0.770	0.783	0.814	0.806	0.823	0.855	0.809	3.72
69) T	o-Xylene	0.750	0.753	0.790	0.784	0.811	0.836	0.787	4.22
70) T	Styrene	1.141	1.197	1.274	1.297	1.351	1.415	1.279	7.81
71) P	Bromoform	0.293	0.300	0.342	0.371	0.415	0.454	0.363	17.58
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.275	3.320	3.521	3.324	3.343	3.400	3.364	2.59
74) T	N-amyl acetate	1.862	1.665	1.665	1.538	1.555	1.589	1.646	7.23
75) P	1,1,2,2-Tetrachlo	1.077	1.079	1.059	0.974	0.995	1.033	1.036	4.20
76) T	1,2,3-Trichloropr	0.959	0.928	0.928	0.879	0.873	0.868	0.906	4.15
77) T	Bromobenzene	1.016	0.959	0.960	0.921	0.933	0.960	0.958	3.44
78) T	n-propylbenzene	3.666	3.743	4.012	3.818	3.819	3.914	3.829	3.19
79) T	2-Chlorotoluene	2.383	2.339	2.390	2.251	2.248	2.298	2.318	2.71
80) T	1,3,5-Trimethylbe	2.656	2.738	2.954	2.838	2.868	2.943	2.833	4.13
81) T	trans-1,4-Dichlor	0.179	0.224	0.269	0.282	0.313	0.335	0.267	21.57
82) T	4-Chlorotoluene	2.694	2.738	2.823	2.691	2.718	2.802	2.744	2.04
83) T	tert-Butylbenzene	2.600	2.744	2.899	2.770	2.821	2.917	2.792	4.16
84) T	1,2,4-Trimethylbe	2.827	2.832	3.065	2.917	2.938	3.032	2.935	3.37
85) T	sec-Butylbenzene	3.162	3.339	3.539	3.372	3.400	3.511	3.387	4.00
86) T	p-Isopropyltoluen	2.706	2.923	3.202	3.092	3.125	3.223	3.045	6.48
87) T	1,3-Dichlorobenze	1.774	1.756	1.777	1.696	1.718	1.777	1.749	1.97
88) T	1,4-Dichlorobenze	1.962	1.791	1.805	1.705	1.740	1.800	1.800	4.89
89) T	n-Butylbenzene	2.519	2.430	2.691	2.651	2.730	2.882	2.650	6.03
90) T	Hexachloroethane	0.389	0.377	0.447	0.459	0.506	0.540	0.453	14.08
91) T	1,2-Dichlorobenze	1.829	1.789	1.778	1.704	1.724	1.771	1.766	2.57
92) T	1,2-Dibromo-3-Chl	0.236	0.202	0.224	0.234	0.244	0.257	0.233	7.93
93) T	1,2,4-Trichlorobe	1.289	1.189	1.295	1.264	1.301	1.372	1.285	4.63
94) T	Hexachlorobutadie	0.607	0.618	0.659	0.633	0.650	0.680	0.641	4.22
95) T	Naphthalene	3.020	3.157	3.578	3.487	3.567	3.727	3.423	8.00
96) T	1,2,3-Trichlorobe	1.189	1.255	1.317	1.277	1.308	1.355	1.284	4.50

(#) = Out of Range