

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X092319W.M
 Title : SW846 8260
 Last Update : Mon Sep 23 12:27:01 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX012594.D 5 =VX012595.D 20 =VX012596.D
 50 =VX012597.D 100 =VX012598.D 150 =VX012599.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.640	0.574	0.543	0.527	0.544	0.546	0.562	7.31
3) P	Chloromethane	0.742	0.642	0.642	0.609	0.608	0.633	0.646	7.67
4) C	Vinyl Chloride	0.659	0.643	0.632	0.612	0.650	0.656	0.642	2.77#
5) T	Bromomethane		0.247	0.294	0.221	0.239	0.261	0.252	10.83
6) T	Chloroethane	0.463	0.509	0.418	0.389	0.385		0.433	12.21
7) T	Trichlorofluorome	0.982	0.922	0.884	0.849	0.883	0.889	0.901	5.08
8) T	Diethyl Ether	0.418	0.372	0.357	0.348	0.361	0.360	0.369	6.79
9) T	1,1,2-Trichlorotr	0.581	0.564	0.541	0.525	0.537	0.547	0.549	3.66
10) T	Methyl Iodide		0.345	0.466	0.533	0.615	0.623	0.517	22.34
11) T	Tert butyl alcoho		0.178	0.179	0.178	0.189	0.185	0.182	2.67
12) CM	1,1-Dichloroethen	0.497	0.546	0.546	0.535	0.550	0.551	0.538	3.80#
13) T	Acrolein		0.069	0.094	0.098	0.107	0.103	0.094	15.73
14) T	Allyl chloride	1.018	1.045	1.093	1.043	1.105	1.094	1.067	3.33
15) T	Acrylonitrile	0.360	0.356	0.372	0.363	0.378	0.384	0.369	3.02
16) T	Acetone	0.388	0.375	0.425	0.383	0.378	0.365	0.386	5.32
17) T	Carbon Disulfide	1.567	1.427	1.477	1.444	1.545	1.582	1.507	4.41
18) T	Methyl Acetate	1.004	0.895	0.906	0.861	0.892	0.890	0.908	5.45
19) T	Methyl tert-butyl	2.050	2.009	2.052	1.985	2.046	2.067	2.035	1.52
20) T	Methylene Chlorid	0.754	0.647	0.632	0.612	0.633	0.636	0.652	7.80
21) T	trans-1,2-Dichlor	0.623	0.593	0.585	0.573	0.600	0.599	0.596	2.81
22) T	Diisopropyl ether	2.172	2.018	2.082	1.993	2.047	2.052	2.061	3.03
23) T	Vinyl Acetate	1.719	1.737	1.851	1.802	1.866	1.869	1.807	3.66
24) P	1,1-Dichloroethan	1.172	1.107	1.101	1.091	1.124	1.126	1.120	2.55
25) T	2-Butanone	0.545	0.542	0.568	0.544	0.559	0.560	0.553	1.91
26) T	2,2-Dichloropropa	1.064	0.957	1.008	0.964	0.993	0.992	0.996	3.83
27) T	cis-1,2-Dichloroe	0.761	0.648	0.686	0.667	0.689	0.694	0.691	5.55
28) T	Bromochloromethan	0.449	0.433	0.399	0.397	0.384	0.378	0.407	6.93
29) T	Tetrahydrofuran	0.321	0.328	0.340	0.336	0.349	0.349	0.337	3.31
30) C	Chloroform	1.250	1.151	1.135	1.080	1.126	1.134	1.146	4.91#
31) T	Cyclohexane		1.036	1.021	0.978	1.005	1.027	1.013	2.27
32) T	1,1,1-Trichloroet	1.032	1.006	1.023	0.988	1.021	1.025	1.016	1.58
33) S	1,2-Dichloroethan		0.778	0.697	0.699	0.726	0.740	0.728	4.56

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.291	0.288	0.287	0.308	0.315	0.298	4.20
36) T	1,1-Dichloroprope	0.525	0.470	0.486	0.448	0.479	0.484	0.482	5.26
37) T	Ethyl Acetate	0.550	0.540	0.577	0.550	0.575	0.588	0.563	3.39
38) T	Carbon Tetrachlor	0.493	0.483	0.489	0.473	0.497	0.504	0.490	2.23
39) T	Methylcyclohexane	0.645	0.567	0.571	0.543	0.571	0.585	0.580	5.96
40) TM	Benzene	1.526	1.398	1.411	1.350	1.401	1.422	1.418	4.12
41) T	Methacrylonitrile	0.344	0.298	0.305	0.303	0.321	0.326	0.316	5.59
42) TM	1,2-Dichloroethan	0.563	0.538	0.545	0.514	0.533	0.539	0.538	2.95
43) T	Isopropyl Acetate	0.997	0.900	0.927	0.899	0.950	0.980	0.942	4.34
44) TM	Trichloroethene	0.385	0.362	0.362	0.341	0.358	0.367	0.363	3.98
45) C	1,2-Dichloropropa	0.380	0.345	0.372	0.345	0.364	0.373	0.363	4.14#
46) T	Dibromomethane	0.276	0.233	0.244	0.233	0.247	0.250	0.247	6.48
47) T	Bromodichlorometh	0.495	0.462	0.493	0.480	0.513	0.521	0.494	4.34
48) T	Methyl methacryla	0.441	0.431	0.448	0.441	0.466	0.483	0.452	4.27
49) T	1,4-Dioxane	0.009	0.010	0.010	0.010	0.011	0.011	0.010	5.37
50) S	Toluene-d8		1.198	1.098	1.090	1.155	1.192	1.147	4.42
51) T	4-Methyl-2-Pentan	0.572	0.563	0.587	0.561	0.601	0.606	0.582	3.30
52) CM	Toluene	0.935	0.872	0.896	0.852	0.890	0.903	0.891	3.15#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.510	0.479	0.545	0.538	0.593	0.614	0.547	9.20
54) T	cis-1,3-Dichlorop	0.577	0.560	0.594	0.584	0.627	0.639	0.597	5.03
55) T	1,1,2-Trichloroet	0.359	0.349	0.356	0.339	0.357	0.366	0.354	2.63
56) T	Ethyl methacrylat	0.544	0.550	0.599	0.584	0.632	0.663	0.595	7.82
57) T	1,3-Dichloropropa	0.654	0.601	0.627	0.587	0.615	0.637	0.620	3.93
58) T	2-Chloroethyl Vin	0.224	0.253	0.274	0.275	0.285	0.292	0.267	9.24
59) T	2-Hexanone	0.404	0.423	0.460	0.443	0.475	0.465	0.445	6.09
60) T	Dibromochlorometh	0.326	0.307	0.360	0.359	0.390	0.409	0.359	10.60
61) T	1,2-Dibromoethane	0.360	0.351	0.374	0.359	0.379	0.390	0.369	3.94
62) S	4-Bromofluorobenz		0.441	0.422	0.425	0.474	0.492	0.451	6.87
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.400	0.353	0.352	0.331	0.333	0.322	0.349	8.07
65) PM	Chlorobenzene	1.146	1.049	1.032	1.005	1.035	1.050	1.053	4.59
66) T	1,1,1,2-Tetrachlo	0.385	0.369	0.378	0.372	0.388	0.398	0.381	2.86
67) C	Ethyl Benzene	1.969	1.894	1.910	1.853	1.906	1.926	1.910	1.99#
68) T	m/p-Xylenes	0.760	0.706	0.703	0.696	0.709	0.717	0.715	3.23
69) T	o-Xylene	0.703	0.698	0.688	0.671	0.690	0.704	0.692	1.78
70) T	Stvrene	1.050	1.120	1.152	1.159	1.235	1.247	1.160	6.33
71) P	Bromoform	0.220	0.226	0.258	0.268	0.307	0.315	0.266	15.03
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.401	4.203	4.096	3.883	3.906	3.945	4.072	4.97
74) T	N-amyl acetate	1.899	1.915	1.925	1.919	2.019	1.979	1.943	2.38
75) P	1,1,2,2-Tetrachlo	1.423	1.391	1.328	1.297	1.334	1.319	1.349	3.55
76) T	1,2,3-Trichloropr	1.402	1.358	1.334	1.293	1.306	1.243	1.323	4.17
77) T	Bromobenzene	0.984	0.933	0.912	0.877	0.906	0.917	0.922	3.87
78) T	n-propylbenzene	4.889	4.586	4.571	4.374	4.543	4.545	4.585	3.65
79) T	2-Chlorotoluene	3.259	2.916	2.807	2.682	2.760	2.736	2.860	7.37
80) T	1,3,5-Trimethylbe	3.543	3.497	3.435	3.284	3.372	3.358	3.415	2.80
81) T	trans-1,4-Dichlor		0.393	0.446	0.459	0.508	0.502	0.462	10.16
82) T	4-Chlorotoluene	3.482	3.263	3.225	3.120	3.242	3.230	3.260	3.66
83) T	tert-Butylbenzene	3.520	3.334	3.267	3.124	3.242	3.278	3.294	3.96
84) T	1,2,4-Trimethylbe	3.554	3.406	3.473	3.321	3.481	3.435	3.445	2.28
85) T	sec-Butylbenzene	3.986	3.855	3.843	3.701	3.805	3.799	3.832	2.43
86) T	p-Isopropyltoluen	3.378	3.443	3.490	3.399	3.534	3.500	3.457	1.78
87) T	1,3-Dichlorobenze	1.678	1.680	1.659	1.594	1.673	1.668	1.659	1.97
88) T	1,4-Dichlorobenze	1.789	1.645	1.677	1.606	1.681	1.659	1.676	3.67
89) T	n-Butylbenzene	3.116	2.875	2.976	2.980	3.137	3.195	3.047	3.99
90) T	Hexachloroethane	0.627	0.558	0.590	0.600	0.657	0.665	0.616	6.69
91) T	1,2-Dichlorobenze	1.784	1.673	1.659	1.605	1.629	1.612	1.661	3.98
92) T	1,2-Dibromo-3-Chl	0.331	0.326	0.329	0.347	0.338	0.353	0.337	3.23
93) T	1,2,4-Trichlorobe	1.047	0.961	0.980	0.994	1.029	1.064	1.013	3.98
94) T	Hexachlorobutadie	0.483	0.412	0.427	0.420	0.431	0.440	0.436	5.80
95) T	Naphthalene	3.299	3.439	3.765	3.775	3.821	3.884	3.664	6.46
96) T	1,2,3-Trichlorobe	1.029	0.985	1.002	1.015	1.016	1.039	1.014	1.90

(#) = Out of Range