

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X010720W.M
 Title : SW846 8260
 Last Update : Tue Jan 07 15:54:41 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX014445.D 5 =VX014446.D 20 =VX014447.D
 50 =VX014448.D 100 =VX014449.D 150 =VX014450.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.434	0.408	0.604	0.647	0.630	0.617	0.557	19.11
3) P	Chloromethane	0.719	0.564	0.630	0.655	0.629	0.627	0.637	7.92
4) C	Vinyl Chloride	0.730	0.595	0.713	0.763	0.732	0.728	0.710	8.30#
5) T	Bromomethane		0.490	0.420	0.440	0.491	0.513	0.471	8.30
6) T	Chloroethane	0.559	0.397	0.390	0.409	0.387	0.376	0.420	16.43
7) T	Trichlorofluorome	0.893	0.817	0.752	0.817	0.785	0.771	0.806	6.16
8) T	Diethyl Ether	0.460	0.366	0.346	0.354	0.343	0.336	0.368	12.61
9) T	1,1,2-Trichlorotr	0.623	0.468	0.447	0.484	0.464	0.454	0.490	13.56
10) T	Methyl Iodide		0.465	0.537	0.663	0.650	0.619	0.587	14.26
11) T	Tert butyl alcoho		0.122	0.118	0.120	0.108	0.116	0.117	4.67
12) CM	1,1-Dichloroethen	0.594	0.486	0.453	0.491	0.471	0.469	0.494	10.27#
13) T	Acrolein		0.098	0.090	0.095	0.091	0.093	0.093	3.18
14) T	Allyl chloride	0.974	0.862	0.820	0.873	0.838	0.835	0.867	6.46
15) T	Acrylonitrile	0.316	0.270	0.271	0.282	0.270	0.278	0.281	6.33
16) T	Acetone	0.396	0.292	0.285	0.294	0.272	0.278	0.303	15.29
17) T	Carbon Disulfide	1.731	1.276	1.246	1.344	1.332	1.338	1.378	12.88
18) T	Methyl Acetate	0.827	0.695	0.806	0.848	0.802	0.834	0.802	6.90
19) T	Methyl tert-butyl	1.713	1.564	1.518	1.616	1.557	1.544	1.585	4.45
20) T	Methylene Chlorid	0.688	0.593	0.511	0.546	0.520	0.512	0.562	12.33
21) T	trans-1,2-Dichlor	0.688	0.518	0.496	0.522	0.511	0.499	0.539	13.69
22) T	Diisopropyl ether	1.762	1.690	1.601	1.716	1.651	1.632	1.675	3.53
23) T	Vinyl Acetate	1.339	1.344	1.246	1.320	1.294	1.241	1.297	3.49
24) P	1,1-Dichloroethan	0.956	0.934	0.870	0.932	0.896	0.882	0.911	3.70
25) T	2-Butanone	0.456	0.411	0.403	0.423	0.399	0.409	0.417	4.99
26) T	2,2-Dichloropropa	0.894	0.736	0.715	0.779	0.759	0.751	0.772	8.23
27) T	cis-1,2-Dichloroe	0.737	0.568	0.570	0.594	0.579	0.568	0.603	11.05
28) T	Bromochloromethan	0.495	0.371	0.369	0.370	0.359	0.341	0.384	14.44
29) T	Tetrahydrofuran	0.241	0.245	0.242	0.258	0.244	0.248	0.247	2.48
30) C	Chloroform	0.999	0.861	0.848	0.904	0.871	0.860	0.891	6.35#
31) T	Cyclohexane		0.845	0.818	0.899	0.857	0.846	0.853	3.46
32) T	1,1,1-Trichloroet	0.788	0.777	0.710	0.782	0.761	0.756	0.762	3.72
33) S	1,2-Dichloroethan		0.605	0.548	0.541	0.549	0.547	0.558	4.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.308	0.303	0.299	0.304	0.300	0.303	1.17
36) T	1,1-Dichloroprope	0.553	0.458	0.437	0.465	0.459	0.450	0.470	8.88
37) T	Ethyl Acetate	0.579	0.483	0.500	0.512	0.494	0.497	0.511	6.76
38) T	Carbon Tetrachlor	0.445	0.425	0.407	0.444	0.440	0.435	0.433	3.34
39) T	Methylcyclohexane	0.640	0.576	0.557	0.601	0.586	0.584	0.591	4.73
40) TM	Benzene	1.544	1.394	1.336	1.395	1.369	1.335	1.396	5.56
41) T	Methacrylonitrile	0.261	0.273	0.271	0.279	0.275	0.276	0.272	2.37
42) TM	1,2-Dichloroethan	0.602	0.470	0.466	0.474	0.463	0.452	0.488	11.57
43) T	Isopropyl Acetate	0.843	0.803	0.799	0.843	0.823	0.839	0.825	2.41
44) TM	Trichloroethene	0.476	0.391	0.375	0.397	0.384	0.383	0.401	9.35
45) C	1,2-Dichloropropa	0.378	0.354	0.346	0.358	0.351	0.347	0.356	3.34#
46) T	Dibromomethane	0.319	0.254	0.223	0.237	0.228	0.229	0.248	14.61
47) T	Bromodichlorometh	0.485	0.418	0.424	0.463	0.461	0.461	0.452	5.67
48) T	Methyl methacryla	0.361	0.384	0.386	0.416	0.407	0.417	0.395	5.53
49) T	1,4-Dioxane	0.010	0.008	0.008	0.008	0.007	0.008	0.008	13.06
50) S	Toluene-d8		1.181	1.180	1.155	1.181	1.176	1.175	0.95
51) T	4-Methyl-2-Pentan	0.498	0.497	0.500	0.519	0.495	0.508	0.503	1.81
52) CM	Toluene	1.015	0.888	0.842	0.894	0.863	0.857	0.893	7.03#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.569	0.481	0.487	0.533	0.539	0.547	0.526	6.63
54) T	cis-1,3-Dichlorop	0.565	0.540	0.545	0.590	0.585	0.584	0.568	3.80
55) T	1,1,2-Trichloroet	0.425	0.343	0.339	0.356	0.344	0.345	0.359	9.22
56) T	Ethyl methacrylat	0.503	0.525	0.536	0.579	0.569	0.586	0.550	6.04
57) T	1,3-Dichloropropa	0.647	0.618	0.581	0.592	0.578	0.584	0.600	4.52
58) T	2-Chloroethyl Vin	0.175	0.173	0.190	0.194	0.196	0.195	0.187	5.56
59) T	2-Hexanone	0.394	0.390	0.398	0.413	0.390	0.403	0.398	2.20
60) T	Dibromochlorometh	0.337	0.336	0.344	0.378	0.381	0.388	0.361	6.68
61) T	1,2-Dibromoethane	0.428	0.384	0.359	0.373	0.368	0.368	0.380	6.58
62) S	4-Bromofluorobenz		0.435	0.422	0.421	0.431	0.446	0.431	2.33
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.596	0.511	0.467	0.506	0.462	0.464	0.501	10.26
65) PM	Chlorobenzene	1.308	1.088	1.004	1.058	1.036	1.015	1.085	10.44
66) T	1,1,1,2-Tetrachlo	0.424	0.379	0.368	0.388	0.383	0.381	0.387	4.91
67) C	Ethyl Benzene	2.019	1.858	1.757	1.863	1.819	1.780	1.849	5.02#
68) T	m/p-Xylenes	0.784	0.708	0.676	0.717	0.702	0.692	0.714	5.23
69) T	o-Xylene	0.701	0.696	0.653	0.686	0.677	0.671	0.681	2.54
70) T	Stvrene	1.261	1.102	1.114	1.194	1.196	1.182	1.175	5.00
71) P	Bromoform	0.322	0.276	0.288	0.330	0.338	0.347	0.317	8.97
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.902	3.542	3.411	3.554	3.390	3.267	3.511	6.24
74) T	N-amyl acetate	1.514	1.553	1.472	1.600	1.581	1.575	1.549	3.09
75) P	1,1,2,2-Tetrachlo	1.305	1.108	1.060	1.106	1.098	1.079	1.126	7.97
76) T	1,2,3-Trichloropr	1.118	1.113	0.927	0.951	1.061	1.037	1.035	7.79
77) T	Bromobenzene	1.228	1.003	0.881	0.932	0.908	0.891	0.974	13.56
78) T	n-propylbenzene	4.513	3.981	3.860	4.055	3.936	3.782	4.021	6.44
79) T	2-Chlorotoluene	2.815	2.399	2.289	2.366	2.294	2.216	2.397	8.96
80) T	1,3,5-Trimethylbe	3.044	2.934	2.825	2.976	2.884	2.827	2.915	2.98
81) T	trans-1,4-Dichlor		0.330	0.365	0.414	0.419	0.428	0.391	10.75
82) T	4-Chlorotoluene	3.382	2.764	2.632	2.745	2.697	2.658	2.813	10.06
83) T	tert-Butylbenzene	2.974	2.761	2.593	2.732	2.767	2.699	2.754	4.54
84) T	1,2,4-Trimethylbe	3.191	2.914	2.850	2.968	2.925	2.826	2.946	4.45
85) T	sec-Butylbenzene	3.681	3.412	3.291	3.469	3.393	3.299	3.424	4.18
86) T	p-Isopropyltoluen	3.372	3.169	3.043	3.229	3.161	3.090	3.177	3.64
87) T	1,3-Dichlorobenze	2.179	1.778	1.596	1.666	1.643	1.623	1.747	12.63
88) T	1,4-Dichlorobenze	2.433	1.775	1.601	1.690	1.630	1.626	1.792	17.84
89) T	n-Butylbenzene	3.451	2.723	2.669	2.875	2.872	2.842	2.905	9.65
90) T	Hexachloroethane	0.616	0.492	0.517	0.568	0.576	0.579	0.558	8.10
91) T	1,2-Dichlorobenze	2.148	1.703	1.577	1.651	1.606	1.586	1.712	12.78
92) T	1,2-Dibromo-3-Chl	0.299	0.221	0.242	0.258	0.249	0.251	0.253	10.07
93) T	1,2,4-Trichlorobe	1.908	1.190	1.144	1.223	1.199	1.199	1.310	22.43
94) T	Hexachlorobutadie	0.896	0.548	0.519	0.573	0.565	0.562	0.610	23.11
95) T	Naphthalene	4.819	3.456	3.443	3.668	3.504	3.488	3.730	14.47
96) T	1,2,3-Trichlorobe	1.772	1.224	1.115	1.202	1.185	1.170	1.278	19.13

(#) = Out of Range