

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X091719W.M
 Title : SW846 8260
 Last Update : Tue Sep 17 15:27:10 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX012428.D 5 =VX012429.D 20 =VX012430.D
 50 =VX012431.D 100 =VX012432.D 150 =VX012433.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.244	0.231	0.320	0.345	0.339	0.333	0.302	16.79
3) P	Chloromethane	0.306	0.230	0.259	0.289	0.279	0.286	0.275	9.69
4) C	Vinyl Chloride	0.296	0.257	0.288	0.315	0.309	0.317	0.297	7.59#
5) T	Bromomethane		0.119	0.134	0.110	0.107	0.113	0.117	9.22
6) T	Chloroethane	0.277	0.246	0.212	0.218	0.209		0.232	12.46
7) T	Trichlorofluorome	0.513	0.490	0.552	0.586	0.564	0.562	0.545	6.58
8) T	Diethyl Ether	0.287	0.228	0.231	0.255	0.237	0.239	0.246	8.93
9) T	1,1,2-Trichlorotr	0.420	0.366	0.376	0.406	0.399	0.396	0.394	5.04
10) T	Methyl Iodide		0.198	0.258	0.331	0.355	0.361	0.301	23.52
11) T	Tert butyl alcoho		0.245	0.174	0.187	0.178	0.179	0.193	15.49
12) CM	1,1-Dichloroethen	0.307	0.293	0.305	0.332	0.324	0.326	0.314	4.81#
13) T	Acrolein		0.097	0.066	0.059	0.061	0.064	0.069	22.74
14) T	Allyl chloride	0.636	0.731	0.702	0.780	0.768	0.774	0.732	7.61
15) T	Acrylonitrile	0.302	0.314	0.289	0.324	0.313	0.320	0.311	4.15
16) T	Acetone	0.459	0.399	0.327	0.349	0.323	0.318	0.363	15.43
17) T	Carbon Disulfide	0.308	0.286	0.390	0.447	0.447	0.459	0.389	19.47
18) T	Methyl Acetate	0.798	0.725	0.701	0.773	0.734	0.748	0.747	4.65
19) T	Methyl tert-butyl	1.793	1.686	1.610	1.766	1.705	1.723	1.714	3.75
20) T	Methylene Chlorid	0.496	0.417	0.408	0.436	0.418	0.427	0.434	7.40
21) T	trans-1,2-Dichlor	0.335	0.291	0.314	0.344	0.338	0.337	0.326	6.22
22) T	Diisopropyl ether	1.805	1.681	1.606	1.766	1.715	1.709	1.714	4.03
23) T	Vinyl Acetate	1.282	1.335	1.361	1.523	1.475	1.482	1.410	6.87
24) P	1,1-Dichloroethan	0.783	0.804	0.790	0.864	0.838	0.840	0.820	3.89
25) T	2-Butanone	0.532	0.517	0.458	0.507	0.481	0.488	0.497	5.40
26) T	2,2-Dichloropropa	0.887	0.773	0.756	0.832	0.796	0.794	0.806	5.81
27) T	cis-1,2-Dichloroe	0.516	0.462	0.459	0.503	0.489	0.497	0.488	4.68
28) T	Bromochloromethan	0.490	0.431	0.422	0.406	0.393	0.394	0.423	8.54
29) T	Tetrahydrofuran	0.240	0.276	0.265	0.295	0.285	0.287	0.275	7.16
30) C	Chloroform	1.055	0.940	0.878	0.947	0.911	0.920	0.942	6.43#
31) T	Cyclohexane		0.425	0.489	0.529	0.513	0.517	0.495	8.39
32) T	1,1,1-Trichloroet	0.769	0.772	0.759	0.823	0.796	0.802	0.787	3.09
33) S	1,2-Dichloroethan		0.796	0.742	0.658	0.685	0.701	0.717	7.53
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.319	0.306	0.282	0.302	0.304	0.303	4.31
36) T	1,1-Dichloroprope	0.329	0.271	0.285	0.321	0.308	0.310	0.304	7.24
37) T	Ethyl Acetate	0.364	0.441	0.468	0.519	0.498	0.509	0.466	12.42
38) T	Carbon Tetrachlor	0.404	0.336	0.347	0.399	0.389	0.392	0.378	7.64
39) T	Methylcyclohexane	0.265	0.251	0.286	0.329	0.320	0.322	0.295	11.18
40) TM	Benzene	0.965	0.916	0.917	1.015	0.989	0.995	0.966	4.31
41) T	Methacrylonitrile	0.327	0.286	0.278	0.309	0.301	0.301	0.300	5.75
42) TM	1,2-Dichloroethan	0.494	0.434	0.415	0.461	0.444	0.441	0.448	6.04
43) T	Isopropyl Acetate	0.822	0.791	0.778	0.890	0.862	0.880	0.837	5.63
44) TM	Trichloroethene	0.250	0.242	0.238	0.272	0.260	0.263	0.254	5.07
45) C	1,2-Dichloropropa	0.330	0.282	0.271	0.305	0.294	0.299	0.297	6.83#
46) T	Dibromomethane	0.196	0.186	0.180	0.199	0.196	0.195	0.192	3.86
47) T	Bromodichlorometh	0.404	0.411	0.389	0.456	0.451	0.455	0.428	7.00
48) T	Methyl methacryla	0.391	0.350	0.371	0.423	0.413	0.421	0.395	7.55
49) T	1,4-Dioxane	0.010	0.009	0.009	0.010	0.010	0.010	0.010	5.74
50) S	Toluene-d8		1.196	1.130	1.040	1.113	1.122	1.120	4.93
51) T	4-Methyl-2-Pentan	0.504	0.542	0.520	0.584	0.567	0.577	0.549	5.92
52) CM	Toluene	0.613	0.572	0.597	0.662	0.646	0.646	0.623	5.56#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.382	0.401	0.411	0.486	0.488	0.499	0.445	11.69
54) T	cis-1,3-Dichlorop	0.412	0.415	0.434	0.503	0.496	0.501	0.460	9.63
55) T	1,1,2-Trichloroet	0.335	0.320	0.295	0.330	0.318	0.327	0.321	4.40
56) T	Ethyl methacrylat	0.456	0.459	0.461	0.535	0.540	0.559	0.502	9.54
57) T	1,3-Dichloropropa	0.499	0.511	0.474	0.537	0.524	0.526	0.512	4.43
58) T	2-Chloroethyl Vin	0.222	0.259	0.253	0.268	0.277	0.279	0.260	8.08
59) T	2-Hexanone	0.404	0.421	0.397	0.459	0.445	0.445	0.428	5.80
60) T	Dibromochlorometh	0.278	0.284	0.305	0.362	0.360	0.372	0.327	12.99
61) T	1,2-Dibromoethane	0.254	0.282	0.284	0.319	0.307	0.313	0.293	8.37
62) S	4-Bromofluorobenz		0.477	0.460	0.429	0.473	0.486	0.465	4.78
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.219	0.230	0.231	0.243	0.228	0.223	0.229	3.63
65) PM	Chlorobenzene	0.866	0.791	0.770	0.854	0.825	0.846	0.825	4.61
66) T	1,1,1,2-Tetrachlo	0.322	0.320	0.320	0.367	0.357	0.369	0.342	7.11
67) C	Ethyl Benzene	1.386	1.328	1.339	1.523	1.462	1.468	1.418	5.54#
68) T	m/p-Xylenes	0.478	0.492	0.492	0.556	0.534	0.543	0.516	6.29
69) T	o-Xylene	0.487	0.518	0.499	0.571	0.547	0.561	0.531	6.48
70) T	Styrene	0.823	0.860	0.875	1.023	1.006	1.045	0.939	10.30
71) P	Bromoform	0.191	0.225	0.225	0.286	0.299	0.311	0.256	18.98
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.060	3.186	2.998	3.328	3.096	3.155	3.137	3.67
74) T	N-amyl acetate	1.507	1.653	1.571	1.827	1.788	1.788	1.689	7.80
75) P	1,1,2,2-Tetrachlo	1.198	1.275	1.138	1.289	1.245	1.240	1.231	4.49
76) T	1,2,3-Trichloropr	1.071	1.161	1.090	1.243	1.172	1.154	1.149	5.40
77) T	Bromobenzene	0.752	0.762	0.711	0.804	0.765	0.795	0.765	4.34
78) T	n-propylbenzene	3.329	3.314	3.356	3.751	3.571	3.659	3.497	5.39
79) T	2-Chlorotoluene	2.384	2.301	2.127	2.334	2.228	2.275	2.275	3.95
80) T	1,3,5-Trimethylbe	2.548	2.602	2.559	2.867	2.726	2.751	2.676	4.74
81) T	trans-1,4-Dichlor		0.313	0.329	0.424	0.431	0.437	0.387	15.70
82) T	4-Chlorotoluene	2.557	2.609	2.458	2.738	2.642	2.661	2.611	3.67
83) T	tert-Butylbenzene	2.971	2.802	2.678	2.997	2.881	2.873	2.867	4.07
84) T	1,2,4-Trimethylbe	2.603	2.670	2.614	2.923	2.833	2.841	2.747	4.92
85) T	sec-Butylbenzene	2.887	3.092	3.016	3.384	3.285	3.292	3.159	6.07
86) T	p-Isopropyltoluen	2.692	2.724	2.757	3.131	3.023	3.079	2.901	6.81
87) T	1,3-Dichlorobenze	1.412	1.408	1.318	1.504	1.495	1.498	1.439	5.14
88) T	1,4-Dichlorobenze	1.509	1.482	1.341	1.533	1.502	1.504	1.478	4.70
89) T	n-Butylbenzene	2.421	2.376	2.416	2.777	2.761	2.778	2.588	7.81
90) T	Hexachloroethane	0.457	0.480	0.482	0.586	0.584	0.602	0.532	12.30
91) T	1,2-Dichlorobenze	1.515	1.537	1.393	1.589	1.509	1.483	1.504	4.33
92) T	1,2-Dibromo-3-Chl	0.290	0.307	0.291	0.352	0.332	0.342	0.319	8.36
93) T	1,2,4-Trichlorobe	0.855	0.908	0.880	1.068	1.042	1.061	0.969	10.15
94) T	Hexachlorobutadie	0.461	0.436	0.420	0.476	0.472	0.474	0.457	5.08
95) T	Naphthalene	2.770	3.276	3.261	3.893	3.688	3.797	3.448	12.32
96) T	1,2,3-Trichlorobe	0.885	0.927	0.938	1.085	1.029	1.060	0.987	8.21

(#) = Out of Range