

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X091619W.M
 Title : SW846 8260
 Last Update : Tue Sep 17 04:36:38 2019
 Response Via : Initial Calibration

Calibration Files

1 =VX012402.D 5 =VX012403.D 20 =VX012404.D
 50 =VX012405.D 100 =VX012406.D 150 =VX012407.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.374	0.336	0.475	0.498	0.481	0.486	0.442	15.53
3) P	Chloromethane	0.345	0.319	0.393	0.427	0.398	0.421	0.384	11.23
4) C	Vinyl Chloride	0.449	0.316	0.421	0.443	0.435	0.451	0.419	12.29#
5) T	Bromomethane		0.187	0.213	0.172	0.155	0.166	0.179	12.59
6) T	Chloroethane	0.322	0.285	0.280	0.299	0.277	0.204	0.278	14.34
7) T	Trichlorofluorome	0.634	0.760	0.793	0.845	0.787	0.801	0.770	9.35
8) T	Diethyl Ether	0.347	0.342	0.320	0.342	0.325	0.336	0.335	3.12
9) T	1,1,2-Trichlorotr	0.484	0.553	0.566	0.590	0.562	0.571	0.554	6.57
10) T	Methyl Iodide		0.434	0.481	0.575	0.570	0.591	0.530	12.97
11) T	Tert butyl alcoho		0.281	0.255	0.261	0.248	0.248	0.259	5.27
12) CM	1,1-Dichloroethen	0.351	0.432	0.439	0.480	0.451	0.465	0.436	10.36#
13) T	Acrolein		0.135	0.107	0.109	0.099	0.108	0.111	12.25
14) T	Allyl chloride	0.885	0.974	1.008	1.079	1.032	1.060	1.006	6.96
15) T	Acrylonitrile	0.389	0.438	0.418	0.448	0.429	0.444	0.428	5.13
16) T	Acetone	0.507	0.531	0.431	0.447	0.421	0.424	0.460	10.25
17) T	Carbon Disulfide	0.467	0.436	0.602	0.659	0.639	0.671	0.579	17.64
18) T	Methyl Acetate	0.994	1.066	0.985	1.065	1.003	1.034	1.025	3.49
19) T	Methyl tert-butyl	2.048	2.502	2.335	2.497	2.361	2.406	2.358	7.07
20) T	Methylene Chlorid	0.724	0.634	0.582	0.624	0.588	0.613	0.628	8.20
21) T	trans-1,2-Dichlor	0.421	0.450	0.479	0.503	0.474	0.488	0.469	6.23
22) T	Diisopropyl ether	2.105	2.353	2.280	2.459	2.305	2.361	2.310	5.11
23) T	Vinyl Acetate	1.478	1.906	1.927	2.102	1.990	2.039	1.907	11.64
24) P	1,1-Dichloroethan	1.050	1.187	1.157	1.203	1.155	1.184	1.156	4.77
25) T	2-Butanone	0.588	0.713	0.639	0.681	0.647	0.665	0.656	6.42
26) T	2,2-Dichloropropa	1.054	1.146	1.091	1.153	1.080	1.093	1.103	3.51
27) T	cis-1,2-Dichloroe	0.647	0.671	0.692	0.723	0.687	0.704	0.687	3.80
28) T	Bromochloromethan	0.697	0.600	0.562	0.592	0.542	0.560	0.592	9.38
29) T	Tetrahydrofuran	0.320	0.400	0.377	0.402	0.386	0.396	0.380	8.11
30) C	Chloroform	1.436	1.355	1.293	1.359	1.277	1.296	1.336	4.47#
31) T	Cyclohexane		0.629	0.702	0.752	0.705	0.731	0.704	6.60
32) T	1,1,1-Trichloroet	0.953	1.138	1.118	1.184	1.122	1.144	1.110	7.24
33) S	1,2-Dichloroethan		1.191	0.930	1.037	0.960	1.004	1.025	9.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.580	0.425	0.488	0.454	0.475	0.484	12.10
36) T	1,1-Dichloroprope	0.479	0.443	0.445	0.476	0.457	0.472	0.462	3.45
37) T	Ethyl Acetate	0.583	0.745	0.709	0.759	0.724	0.748	0.711	9.21
38) T	Carbon Tetrachlor	0.476	0.541	0.559	0.614	0.585	0.607	0.564	9.06
39) T	Methylcyclohexane	0.366	0.394	0.452	0.490	0.475	0.486	0.444	11.68
40) TM	Benzene	1.152	1.434	1.443	1.543	1.468	1.503	1.424	9.78
41) T	Methacrylonitrile	0.306	0.405	0.404	0.451	0.429	0.443	0.406	12.99
42) TM	1,2-Dichloroethan	0.557	0.683	0.649	0.690	0.648	0.663	0.648	7.43
43) T	Isopropyl Acetate	1.076	1.266	1.174	1.285	1.234	1.289	1.221	6.78
44) TM	Trichloroethene	0.317	0.377	0.382	0.414	0.398	0.406	0.382	9.14
45) C	1,2-Dichloropropa	0.419	0.431	0.429	0.450	0.433	0.447	0.435	2.68#
46) T	Dibromomethane	0.267	0.296	0.281	0.304	0.292	0.302	0.290	4.83
47) T	Bromodichlorometh	0.555	0.640	0.626	0.699	0.672	0.696	0.648	8.34
48) T	Methyl methacryla	0.343	0.543	0.547	0.610	0.593	0.627	0.544	19.11
49) T	1,4-Dioxane	0.011	0.015	0.014	0.015	0.015	0.015	0.014	12.02
50) S	Toluene-d8		1.819	1.564	1.780	1.676	1.755	1.719	5.89
51) T	4-Methyl-2-Pentan	0.625	0.830	0.782	0.847	0.819	0.842	0.791	10.70
52) CM	Toluene	0.766	0.905	0.931	1.014	0.959	0.986	0.927	9.45#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.549	0.628	0.645	0.735	0.722	0.753	0.672	11.69
54) T	cis-1,3-Dichlorop	0.568	0.669	0.685	0.756	0.734	0.757	0.695	10.38
55) T	1,1,2-Trichloroet	0.495	0.501	0.462	0.494	0.475	0.495	0.487	3.07
56) T	Ethyl methacrylat	0.558	0.735	0.698	0.788	0.788	0.830	0.733	13.28
57) T	1,3-Dichloropropa	0.709	0.799	0.757	0.814	0.767	0.795	0.774	4.94
58) T	2-Chloroethyl Vin	0.310	0.401	0.385	0.425	0.417	0.427	0.394	11.17
59) T	2-Hexanone	0.493	0.633	0.594	0.652	0.638	0.649	0.610	9.99
60) T	Dibromochlorometh	0.356	0.475	0.493	0.563	0.547	0.583	0.503	16.47
61) T	1,2-Dibromoethane	0.375	0.454	0.430	0.479	0.464	0.486	0.448	9.09
62) S	4-Bromofluorobenz		0.831	0.603	0.716	0.710	0.755	0.723	11.43
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.315	0.337	0.334	0.355	0.323	0.325	0.332	4.25
65) PM	Chlorobenzene	1.066	1.181	1.121	1.255	1.174	1.207	1.167	5.68
66) T	1,1,1,2-Tetrachlo	0.404	0.499	0.486	0.540	0.512	0.531	0.495	9.85
67) C	Ethyl Benzene	1.711	1.989	1.937	2.175	2.037	2.104	1.992	8.10#
68) T	m/p-Xylenes	0.631	0.724	0.719	0.804	0.757	0.777	0.735	8.22
69) T	o-Xylene	0.686	0.735	0.750	0.827	0.774	0.803	0.763	6.59
70) T	Stvrene	0.989	1.284	1.290	1.475	1.421	1.479	1.323	13.98
71) P	Bromoform	0.268	0.348	0.362	0.432	0.431	0.451	0.382	18.18
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.910	3.675	3.513	3.780	3.374	3.590	3.474	8.89
74) T	N-amyl acetate	1.474	1.968	1.786	2.012	1.862	1.947	1.841	10.71
75) P	1,1,2,2-Tetrachlo	1.169	1.584	1.396	1.477	1.331	1.401	1.393	10.05
76) T	1,2,3-Trichloropr	1.061	1.438	1.314	1.413	1.244	1.285	1.293	10.51
77) T	Bromobenzene	0.795	0.964	0.869	0.957	0.868	0.914	0.894	7.14
78) T	n-propylbenzene	3.335	3.984	3.925	4.279	3.910	4.122	3.926	8.19
79) T	2-Chlorotoluene	2.256	2.637	2.507	2.699	2.447	2.575	2.520	6.25
80) T	1,3,5-Trimethylbe	2.355	3.295	3.063	3.311	3.002	3.124	3.025	11.60
81) T	trans-1,4-Dichlor		0.429	0.410	0.475	0.468	0.507	0.458	8.41
82) T	4-Chlorotoluene	2.492	3.131	2.916	3.189	2.876	3.031	2.939	8.51
83) T	tert-Butylbenzene	2.734	3.394	3.218	3.468	3.149	3.288	3.208	8.09
84) T	1,2,4-Trimethylbe	2.429	3.264	3.103	3.377	3.042	3.200	3.069	10.92
85) T	sec-Butylbenzene	2.755	3.825	3.594	3.874	3.515	3.720	3.547	11.59
86) T	p-Isopropyltoluen	2.452	3.365	3.315	3.609	3.298	3.460	3.250	12.53
87) T	1,3-Dichlorobenze	1.514	1.767	1.636	1.758	1.634	1.737	1.674	5.87
88) T	1,4-Dichlorobenze	1.526	1.753	1.644	1.807	1.675	1.756	1.693	5.98
89) T	n-Butylbenzene	2.176	2.915	2.834	3.199	2.952	3.144	2.870	12.81
90) T	Hexachloroethane	0.494	0.636	0.598	0.685	0.655	0.701	0.628	11.95
91) T	1,2-Dichlorobenze	1.476	1.874	1.711	1.837	1.666	1.720	1.714	8.23
92) T	1,2-Dibromo-3-Chl	0.306	0.396	0.359	0.398	0.365	0.383	0.368	9.34
93) T	1,2,4-Trichlorobe	0.922	1.175	1.125	1.253	1.164	1.242	1.147	10.51
94) T	Hexachlorobutadie	0.479	0.606	0.532	0.589	0.543	0.566	0.552	8.22
95) T	Naphthalene	2.666	4.021	3.909	4.544	4.078	4.300	3.920	16.70
96) T	1,2,3-Trichlorobe	0.842	1.226	1.136	1.284	1.145	1.231	1.144	13.84

(#) = Out of Range