

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X111920W.M
 Title : SW846 8260
 Last Update : Wed Nov 18 16:47:30 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX019451.D 5 =VX019452.D 20 =VX019453.D
 50 =VX019454.D 100 =VX019455.D 150 =VX019456.D

	Compound	1	5	20	50	100	150	Avq	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.460	0.535	0.560	0.596	0.610	0.608	0.562	10.27
3) P	Chloromethane	0.720	0.710	0.678	0.704	0.701	0.666	0.697	2.96
4) C	Vinyl Chloride	0.609	0.713	0.671	0.718	0.731	0.730	0.695	6.84#
5) T	Bromomethane		0.351	0.322	0.332	0.328	0.327	0.332	3.33
6) T	Chloroethane	0.344	0.278	0.312	0.243	0.233	0.224	0.272	17.58
7) T	Trichlorofluorome	0.873	1.020	0.929	0.981	1.011	1.025	0.973	6.21
8) T	Diethyl Ether	0.362	0.399	0.360	0.390	0.405	0.411	0.388	5.65
9) T	1,1,2-Trichlorotr	0.514	0.560	0.495	0.537	0.542	0.558	0.534	4.80
10) T	Methyl Iodide		0.594	0.600	0.695	0.724	0.720	0.667	9.66
11) T	Tert butyl alcoho		0.139	0.149	0.149	0.152	0.139	0.146	4.12
12) CM	1,1-Dichloroethen	0.558	0.544	0.488	0.529	0.543	0.571	0.539	5.30#
13) T	Acrolein		0.112	0.094	0.105	0.107	0.105	0.104	6.37
14) T	Allyl chloride	0.869	0.951	0.852	0.960	1.010	1.025	0.944	7.51
15) T	Acrylonitrile	0.288	0.343	0.320	0.354	0.365	0.344	0.336	8.27
16) T	Acetone	0.317	0.311	0.281	0.306	0.309	0.294	0.303	4.37
17) T	Carbon Disulfide	1.258	1.423	1.332	1.500	1.607	1.657	1.463	10.62
18) T	Methyl Acetate	0.735	0.800	0.687	0.746	0.761	0.743	0.745	4.96
19) T	Methyl tert-butyl	1.682	1.955	1.811	2.017	2.110	2.114	1.948	8.84
20) T	Methylene Chlorid	0.751	0.749	0.632	0.658	0.670	0.655	0.686	7.45
21) T	trans-1,2-Dichlor	0.506	0.621	0.561	0.611	0.636	0.643	0.596	8.87
22) T	Diisopropyl ether	1.653	1.919	1.826	2.016	2.071	2.077	1.927	8.58
23) T	Vinyl Acetate	1.272	1.580	1.542	1.763	1.836	1.818	1.635	13.23
24) P	1,1-Dichloroethan	1.004	1.189	1.073	1.145	1.184	1.190	1.131	6.77
25) T	2-Butanone	0.392	0.454	0.436	0.486	0.490	0.455	0.452	7.93
26) T	2,2-Dichloropropa	0.841	0.985	0.876	0.999	1.042	1.052	0.966	9.05
27) T	cis-1,2-Dichloroe	0.580	0.693	0.631	0.694	0.729	0.739	0.678	9.01
28) T	Bromochloromethan	0.555	0.564	0.499	0.524	0.541	0.541	0.537	4.31
29) T	Tetrahydrofuran	0.263	0.288	0.273	0.310	0.314	0.300	0.291	6.99
30) C	Chloroform	1.062	1.182	1.094	1.171	1.208	1.203	1.153	5.27#
31) T	Cyclohexane		0.962	0.869	0.992	1.044	1.053	0.984	7.56
32) T	1,1,1-Trichloroet	0.856	1.026	0.949	1.032	1.084	1.091	1.006	8.91
33) S	1,2-Dichloroethan		0.898	0.726	0.732	0.767	0.794	0.783	8.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.343	0.306	0.313	0.335	0.349	0.329	5.71
36) T	1,1-Dichloroprope	0.457	0.499	0.464	0.506	0.537	0.544	0.501	7.18
37) T	Ethyl Acetate	0.432	0.519	0.500	0.546	0.560	0.538	0.516	8.93
38) T	Carbon Tetrachlor	0.436	0.479	0.462	0.507	0.540	0.543	0.494	8.75
39) T	Methylcyclohexane	0.461	0.544	0.510	0.589	0.636	0.640	0.564	12.70
40) TM	Benzene	1.309	1.555	1.412	1.521	1.591	1.572	1.493	7.40
41) T	Methacrylonitrile	0.280	0.272	0.260	0.292	0.301	0.289	0.282	5.27
42) TM	1,2-Dichloroethan	0.500	0.599	0.543	0.581	0.597	0.585	0.567	6.81
43) T	Isopropyl Acetate	0.803	0.826	0.792	0.883	0.929	0.894	0.855	6.48
44) TM	Trichloroethene	0.328	0.398	0.357	0.378	0.400	0.398	0.376	7.73
45) C	1,2-Dichloropropa	0.342	0.401	0.374	0.397	0.409	0.401	0.387	6.51#
46) T	Dibromomethane	0.212	0.259	0.244	0.265	0.276	0.269	0.254	9.09
47) T	Bromodichlorometh	0.383	0.498	0.477	0.533	0.568	0.560	0.503	13.61
48) T	Methyl methacryla	0.338	0.394	0.393	0.440	0.465	0.446	0.413	11.29
49) T	1,4-Dioxane	0.006	0.008	0.008	0.009	0.009	0.008	0.008	11.72
50) S	Toluene-d8		1.352	1.205	1.221	1.310	1.305	1.279	4.92
51) T	4-Methyl-2-Pentan	0.413	0.499	0.510	0.551	0.554	0.517	0.507	10.14
52) CM	Toluene	0.699	0.933	0.889	0.965	1.000	0.953	0.906	11.90#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.395	0.501	0.507	0.597	0.638	0.627	0.544	17.20
54) T	cis-1,3-Dichlorop	0.443	0.572	0.561	0.647	0.685	0.671	0.596	15.25
55) T	1,1,2-Trichloroet	0.318	0.378	0.361	0.385	0.389	0.373	0.367	7.11
56) T	Ethyl methacrylat	0.364	0.484	0.510	0.583	0.623	0.613	0.529	18.62
57) T	1,3-Dichloropropa	0.559	0.651	0.624	0.670	0.678	0.645	0.638	6.72
58) T	2-Chloroethyl Vin	0.238	0.282	0.296	0.328	0.338	0.323	0.301	12.45
59) T	2-Hexanone	0.308	0.365	0.384	0.423	0.427	0.398	0.384	11.49
60) T	Dibromochlorometh	0.251	0.322	0.339	0.390	0.416	0.406	0.354	17.71
61) T	1,2-Dibromoethane	0.318	0.392	0.368	0.401	0.412	0.393	0.381	8.94
62) S	4-Bromofluorobenz		0.457	0.450	0.454	0.485	0.503	0.470	4.91
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.362	0.440	0.368	0.400	0.393	0.382	0.391	7.20
65) PM	Chlorobenzene	0.901	1.059	0.955	1.057	1.097	1.079	1.025	7.64
66) T	1,1,1,2-Tetrachlo	0.269	0.361	0.332	0.396	0.409	0.410	0.363	15.22
67) C	Ethyl Benzene	1.515	1.854	1.690	1.982	2.045	2.036	1.854	11.52#
68) T	m/p-Xylenes	0.517	0.652	0.640	0.737	0.758	0.751	0.676	13.73
69) T	o-Xylene	0.492	0.623	0.599	0.697	0.724	0.727	0.644	14.16
70) T	Styrene	0.784	1.000	1.020	1.186	1.251	1.268	1.085	17.18
71) P	Bromoform	0.183	0.212	0.229	0.285	0.305	0.327	0.257	22.19
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.966	3.810	3.348	3.811	3.939	3.815	3.615	10.45
74) T	N-amyl acetate	1.234	1.395	1.349	1.634	1.766	1.752	1.522	14.82
75) P	1,1,2,2-Tetrachlo	1.106	1.288	1.152	1.285	1.348	1.305	1.247	7.67
76) T	1,2,3-Trichloropr	1.087	1.294	1.119	1.219	1.248	1.185	1.192	6.57
77) T	Bromobenzene	0.723	0.918	0.787	0.863	0.921	0.898	0.852	9.45
78) T	n-propylbenzene	3.354	4.230	3.910	4.430	4.623	4.480	4.171	11.28
79) T	2-Chlorotoluene	2.055	2.665	2.401	2.653	2.770	2.668	2.535	10.47
80) T	1,3,5-Trimethylbe	2.405	3.121	2.919	3.286	3.430	3.295	3.076	12.12
81) T	trans-1,4-Dichlor		0.330	0.331	0.420	0.470	0.466	0.403	17.28
82) T	4-Chlorotoluene	2.441	3.163	2.849	3.159	3.329	3.206	3.025	10.81
83) T	tert-Butylbenzene	2.189	2.866	2.601	2.970	3.199	3.152	2.830	13.45
84) T	1,2,4-Trimethylbe	2.310	3.090	2.915	3.319	3.465	3.353	3.075	13.80
85) T	sec-Butylbenzene	2.605	3.527	3.253	3.692	3.915	3.829	3.470	13.97
86) T	p-Isopropyltoluen	2.249	3.118	2.891	3.378	3.613	3.534	3.131	16.23
87) T	1,3-Dichlorobenze	1.393	1.744	1.478	1.657	1.721	1.699	1.615	8.96
88) T	1,4-Dichlorobenze	1.508	1.782	1.491	1.689	1.759	1.710	1.657	7.62
89) T	n-Butylbenzene	2.306	2.884	2.586	3.127	3.392	3.369	2.944	14.84
90) T	Hexachloroethane	0.375	0.487	0.460	0.552	0.631	0.637	0.524	19.57
91) T	1,2-Dichlorobenze	1.401	1.675	1.466	1.652	1.693	1.667	1.592	7.88
92) T	1,2-Dibromo-3-Chl	0.249	0.257	0.246	0.300	0.324	0.317	0.282	12.61
93) T	1,2,4-Trichlorobe	0.758	0.965	0.868	1.044	1.164	1.171	0.995	16.51
94) T	Hexachlorobutadie	0.365	0.460	0.390	0.460	0.477	0.476	0.438	10.97
95) T	Naphthalene	2.131	2.950	2.996	3.679	4.023	3.933	3.285	22.15
96) T	1,2,3-Trichlorobe	0.713	0.964	0.884	1.041	1.145	1.148	0.982	17.04

(#) = Out of Range