

Method Path : Z:\VOASRV\HPCHEM1\MSV0A X\METHOD\
 Method File : 82X112120W.M
 Title : SW846 8260
 Last Update : Sat Nov 21 01:57:45 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX019488.D 5 =VX019489.D 20 =VX019490.D
 50 =VX019491.D 100 =VX019492.D 150 =VX019493.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.467	0.459	0.463	0.506	0.509	0.515	0.486	5.36
3) P	Chloromethane	0.589	0.561	0.535	0.565	0.555	0.542	0.558	3.38
4) C	Vinyl Chloride	0.582	0.603	0.562	0.609	0.620	0.628	0.601	4.07#
5) T	Bromomethane		0.247	0.223	0.229	0.229	0.210	0.227	5.81
6) T	Chloroethane	0.192	0.171	0.198	0.160	0.138	0.137	0.166	15.75
7) T	Trichlorofluorome	0.874	0.905	0.797	0.856	0.879	0.891	0.867	4.38
8) T	Diethyl Ether	0.311	0.371	0.328	0.350	0.358	0.365	0.347	6.68
9) T	1,1,2-Trichlorotr	0.460	0.505	0.447	0.489	0.499	0.501	0.484	5.00
10) T	Methyl Iodide		0.549	0.573	0.670	0.691	0.694	0.635	10.88
11) T	Tert butyl alcoho		0.119	0.127	0.121	0.120	0.125	0.123	2.70
12) CM	1,1-Dichloroethen	0.493	0.526	0.450	0.490	0.502	0.518	0.496	5.40#
13) T	Acrolein		0.096	0.075	0.080	0.080	0.082	0.082	9.67
14) T	Allyl chloride	0.831	0.774	0.684	0.758	0.800	0.818	0.778	6.86
15) T	Acrylonitrile	0.277	0.290	0.272	0.296	0.300	0.301	0.289	4.20
16) T	Acetone	0.267	0.264	0.236	0.247	0.245	0.245	0.251	4.81
17) T	Carbon Disulfide	1.448	1.278	1.157	1.300	1.386	1.432	1.334	8.26
18) T	Methyl Acetate	0.850	0.620	0.563	0.609	0.615	0.623	0.647	15.77
19) T	Methyl tert-butyl	1.598	1.746	1.569	1.733	1.803	1.832	1.713	6.27
20) T	Methylene Chlorid	0.751	0.646	0.566	0.598	0.602	0.597	0.627	10.56
21) T	trans-1,2-Dichlor	0.558	0.588	0.505	0.555	0.580	0.588	0.562	5.65
22) T	Diisopropyl ether	1.494	1.664	1.482	1.639	1.673	1.701	1.609	5.97
23) T	Vinyl Acetate	1.152	1.349	1.258	1.408	1.455	1.474	1.349	9.21
24) P	1,1-Dichloroethan	0.937	1.047	0.909	0.981	1.008	1.022	0.984	5.36
25) T	2-Butanone	0.362	0.381	0.370	0.385	0.382	0.380	0.377	2.34
26) T	2,2-Dichloropropa	0.876	0.855	0.768	0.856	0.893	0.905	0.859	5.66
27) T	cis-1,2-Dichloroe	0.605	0.677	0.595	0.649	0.669	0.681	0.646	5.79
28) T	Bromochloromethan	0.608	0.473	0.435	0.425	0.435	0.445	0.470	14.75
29) T	Tetrahydrofuran	0.246	0.246	0.221	0.241	0.243	0.245	0.240	4.05
30) C	Chloroform	1.012	1.056	0.941	1.046	1.058	1.060	1.029	4.51#
31) T	Cyclohexane		0.847	0.755	0.845	0.882	0.887	0.843	6.31
32) T	1,1,1-Trichloroet	0.804	0.908	0.822	0.896	0.928	0.946	0.884	6.55
33) S	1,2-Dichloroethan		0.757	0.570	0.622	0.630	0.663	0.648	10.70
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.330	0.272	0.309	0.322	0.337	0.314	8.11
36) T	1,1-Dichloroprope	0.481	0.479	0.407	0.468	0.490	0.488	0.469	6.63
37) T	Ethyl Acetate	0.385	0.463	0.418	0.452	0.463	0.461	0.440	7.29
38) T	Carbon Tetrachlor	0.400	0.461	0.406	0.465	0.497	0.493	0.454	9.24
39) T	Methylcyclohexane	0.511	0.537	0.476	0.557	0.597	0.597	0.546	8.82
40) TM	Benzene	1.444	1.495	1.301	1.448	1.490	1.464	1.440	4.97
41) T	Methacrylonitrile	0.254	0.237	0.226	0.248	0.248	0.243	0.243	4.10
42) TM	1,2-Dichloroethan	0.490	0.518	0.452	0.498	0.506	0.498	0.494	4.53
43) T	Isopropyl Acetate	0.777	0.735	0.664	0.742	0.762	0.758	0.740	5.41
44) TM	Trichloroethene	0.372	0.385	0.340	0.377	0.395	0.394	0.377	5.34
45) C	1,2-Dichloropropa	0.340	0.361	0.328	0.363	0.370	0.365	0.355	4.69#
46) T	Dibromomethane	0.234	0.248	0.220	0.248	0.256	0.250	0.243	5.52
47) T	Bromodichlorometh	0.425	0.451	0.427	0.497	0.517	0.509	0.471	8.84
48) T	Methyl methacryla	0.303	0.339	0.323	0.367	0.375	0.372	0.346	8.56
49) T	1,4-Dioxane	0.007	0.008	0.008	0.008	0.008	0.008	0.008	8.52
50) S	Toluene-d8		1.331	1.091	1.215	1.208	1.254	1.220	7.14
51) T	4-Methyl-2-Pentan	0.393	0.425	0.423	0.453	0.448	0.446	0.431	5.18
52) CM	Toluene	0.807	0.898	0.835	0.916	0.925	0.905	0.881	5.49#

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	Compound	1	5	20	50	100	150	Avq	%RSD
53) T	t-1,3-Dichloropro	0.428	0.464	0.468	0.553	0.570	0.568	0.509	12.21
54) T	cis-1,3-Dichlorop	0.504	0.525	0.516	0.600	0.625	0.617	0.564	9.83
55) T	1,1,2-Trichloroet	0.330	0.372	0.342	0.376	0.369	0.363	0.359	5.12
56) T	Ethyl methacrylat	0.420	0.464	0.481	0.547	0.565	0.570	0.508	12.17
57) T	1,3-Dichloropropa	0.567	0.615	0.569	0.628	0.624	0.602	0.601	4.46
58) T	2-Chloroethyl Vin	0.347	0.265	0.275	0.301	0.302	0.296	0.298	9.56
59) T	2-Hexanone	0.284	0.317	0.325	0.347	0.346	0.344	0.327	7.45
60) T	Dibromochlorometh	0.284	0.330	0.331	0.380	0.392	0.392	0.351	12.51
61) T	1,2-Dibromoethane	0.340	0.364	0.355	0.393	0.386	0.381	0.370	5.48
62) S	4-Bromofluorobenz		0.429	0.390	0.442	0.453	0.480	0.439	7.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.428	0.434	0.350	0.380	0.394	0.371	0.393	8.42
65) PM	Chlorobenzene	0.991	1.070	0.926	1.044	1.093	1.044	1.028	5.89
66) T	1,1,1,2-Tetrachlo	0.338	0.368	0.335	0.383	0.415	0.404	0.374	8.88
67) C	Ethyl Benzene	1.647	1.792	1.627	1.881	1.960	1.898	1.801	7.65#
68) T	m/p-Xylenes	0.573	0.660	0.623	0.706	0.745	0.719	0.671	9.67
69) T	o-Xylene	0.551	0.636	0.587	0.675	0.709	0.689	0.641	9.63
70) T	Stvrene	0.808	0.995	0.983	1.154	1.243	1.205	1.065	15.51
71) P	Bromoform	0.206	0.246	0.238	0.285	0.328	0.338	0.273	19.24
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.151	3.576	3.233	3.598	3.689	3.506	3.459	6.25
74) T	N-amyl acetate	1.101	1.263	1.160	1.347	1.461	1.444	1.296	11.42
75) P	1,1,2,2-Tetrachlo	1.323	1.297	1.116	1.213	1.259	1.213	1.237	5.96
76) T	1,2,3-Trichloropr	1.117	1.171	1.019	1.094	1.099	1.046	1.091	4.91
77) T	Bromobenzene	0.891	0.919	0.792	0.879	0.926	0.891	0.883	5.43
78) T	n-propylbenzene	3.624	3.982	3.679	4.143	4.306	4.075	3.968	6.75
79) T	2-Chlorotoluene	2.296	2.478	2.245	2.462	2.547	2.412	2.406	4.79
80) T	1,3,5-Trimethylbe	2.459	2.888	2.764	3.075	3.198	3.026	2.902	9.10
81) T	trans-1,4-Dichlor		0.305	0.308	0.383	0.430	0.428	0.371	16.63
82) T	4-Chlorotoluene	2.621	2.870	2.628	2.914	3.043	2.921	2.833	6.04
83) T	tert-Butylbenzene	2.450	2.852	2.566	2.919	3.093	2.963	2.807	8.81
84) T	1,2,4-Trimethylbe	2.480	2.927	2.764	3.130	3.240	3.074	2.936	9.47
85) T	sec-Butylbenzene	2.850	3.331	3.135	3.535	3.674	3.512	3.340	9.10
86) T	p-Isopropyltoluen	2.534	2.969	2.830	3.221	3.400	3.239	3.032	10.50
87) T	1,3-Dichlorobenze	1.563	1.688	1.486	1.639	1.710	1.644	1.622	5.14
88) T	1,4-Dichlorobenze	1.724	1.778	1.503	1.646	1.715	1.656	1.670	5.70
89) T	n-Butylbenzene	2.335	2.572	2.466	2.925	3.126	3.024	2.741	11.89
90) T	Hexachloroethane	0.414	0.463	0.455	0.528	0.591	0.594	0.507	14.89
91) T	1,2-Dichlorobenze	1.678	1.667	1.465	1.621	1.712	1.628	1.629	5.33
92) T	1,2-Dibromo-3-Chl	0.239	0.241	0.223	0.257	0.278	0.275	0.252	8.61
93) T	1,2,4-Trichlorobe	0.945	0.978	0.917	1.071	1.210	1.153	1.046	11.37
94) T	Hexachlorobutadie	0.493	0.494	0.406	0.461	0.516	0.489	0.476	8.12
95) T	Naphthalene	2.315	2.966	2.959	3.554	3.835	3.794	3.237	18.38
96) T	1,2,3-Trichlorobe	0.930	0.991	0.941	1.081	1.173	1.160	1.046	10.30

(#) = Out of Range