

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\
 Method File : 82X062420W.M
 Title : SW846 8260
 Last Update : Wed Jun 24 13:10:00 2020
 Response Via : Initial Calibration

Calibration Files

1 =VX016940.D 5 =VX016941.D 20 =VX016942.D
 50 =VX016943.D 100 =VX016944.D 150 =VX016945.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.445	0.535	0.475	0.416	0.499	0.498	0.478	8.89
3) P	Chloromethane	0.632	0.564	0.470	0.540	0.508	0.520	0.539	10.30
4) C	Vinyl Chloride	0.528	0.589	0.489	0.570	0.517	0.506	0.533	7.23#
5) T	Bromomethane		0.405	0.360	0.348	0.275	0.280	0.334	16.65
6) T	Chloroethane	0.478	0.419	0.358	0.397	0.361	0.357	0.395	12.08
7) T	Trichlorofluorome	0.953	0.988	0.881	0.998	0.906	0.888	0.936	5.46
8) T	Diethyl Ether	0.528	0.383	0.322	0.368	0.331	0.335	0.378	20.42
9) T	1,1,2-Trichlorotr	0.547	0.532	0.461	0.531	0.497	0.489	0.510	6.37
10) T	Methyl Iodide		0.610	0.563	0.705	0.723	0.710	0.662	10.74
11) T	Tert butyl alcoho		0.155	0.130	0.145	0.152	0.156	0.148	7.19
12) CM	1,1-Dichloroethen	0.517	0.558	0.466	0.531	0.501	0.495	0.511	6.17#
13) T	Acrolein		0.113	0.094	0.109	0.106	0.106	0.105	6.53
14) T	Allyl chloride	1.184	1.208	0.889	1.038	1.057	1.030	1.068	10.89
15) T	Acrylonitrile	0.402	0.360	0.306	0.331	0.345	0.347	0.348	9.24
16) T	Acetone	0.377	0.290	0.252	0.291	0.280	0.276	0.294	14.56
17) T	Carbon Disulfide	1.930	1.809	1.412	1.657	1.593	1.572	1.662	11.07
18) T	Methyl Acetate	0.918	0.842	0.606	0.709	0.729	0.711	0.753	14.66
19) T	Methyl tert-butyl	2.046	2.209	1.739	1.951	2.005	2.010	1.993	7.65
20) T	Methylene Chlorid	0.985	0.753	0.559	0.624	0.624	0.639	0.697	22.12
21) T	trans-1,2-Dichlor	0.806	0.676	0.562	0.599	0.609	0.610	0.644	13.63
22) T	Diisopropyl ether	2.252	2.197	1.869	2.080	2.033	2.048	2.080	6.49
23) T	Vinyl Acetate	1.760	1.846	1.608	1.837	1.865	1.844	1.793	5.45
24) P	1,1-Dichloroethan	1.357	1.231	1.019	1.114	1.142	1.134	1.166	9.91
25) T	2-Butanone	0.478	0.458	0.439	0.466	0.485	0.490	0.469	4.05
26) T	2,2-Dichloropropa	1.183	1.048	0.939	0.973	0.980	0.996	1.020	8.60
27) T	cis-1,2-Dichloroe	0.811	0.698	0.650	0.675	0.679	0.701	0.702	7.99
28) T	Bromochloromethan	0.703	0.570	0.450	0.478	0.521	0.505	0.538	16.84
29) T	Tetrahydrofuran	0.356	0.299	0.295	0.311	0.321	0.315	0.316	6.97
30) C	Chloroform	1.333	1.282	1.114	1.146	1.145	1.135	1.192	7.66#
31) T	Cyclohexane		1.040	0.937	0.979	1.001	0.948	0.981	4.26
32) T	1,1,1-Trichloroet	0.983	1.144	1.004	1.051	1.041	1.053	1.046	5.32
33) S	1,2-Dichloroethan		0.902	0.708	0.738	0.787	0.756	0.778	9.65
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.374	0.337	0.321	0.335	0.340	0.341	5.82
36) T	1,1-Dichloroprope	0.518	0.497	0.485	0.497	0.492	0.487	0.496	2.36
37) T	Ethyl Acetate	0.641	0.528	0.566	0.542	0.554	0.559	0.565	6.98
38) T	Carbon Tetrachlor	0.577	0.535	0.527	0.535	0.537	0.525	0.539	3.52
39) T	Methylcyclohexane	0.603	0.506	0.550	0.568	0.573	0.560	0.560	5.75
40) TM	Benzene	1.668	1.358	1.456	1.436	1.406	1.412	1.456	7.49
41) T	Methacrylonitrile	0.304	0.273	0.308	0.303	0.318	0.311	0.303	5.13
42) TM	1,2-Dichloroethan	0.684	0.557	0.527	0.566	0.549	0.561	0.574	9.71
43) T	Isopropyl Acetate	1.114	0.869	0.895	0.914	0.917	0.952	0.943	9.31
44) TM	Trichloroethene	0.379	0.408	0.385	0.384	0.388	0.373	0.386	3.08
45) C	1,2-Dichloropropa	0.461	0.373	0.351	0.384	0.371	0.370	0.385	10.01#
46) T	Dibromomethane	0.269	0.274	0.268	0.258	0.251	0.263	0.264	3.24
47) T	Bromodichlorometh	0.521	0.528	0.538	0.550	0.550	0.563	0.542	2.86
48) T	Methyl methacryla	0.326	0.398	0.425	0.446	0.455	0.471	0.420	12.47
49) T	1,4-Dioxane	0.012	0.009	0.009	0.009	0.009	0.009	0.010	11.66
50) S	Toluene-d8		1.300	1.208	1.200	1.253	1.252	1.243	3.23
51) T	4-Methyl-2-Pentan	0.497	0.535	0.559	0.553	0.555	0.560	0.543	4.50
52) CM	Toluene	0.923	0.913	0.919	0.912	0.862	0.867	0.899	3.04#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.613	0.637	0.605	0.614	0.629	0.647	0.624	2.60
54) T	cis-1,3-Dichlorop	0.626	0.581	0.634	0.638	0.651	0.650	0.630	4.12
55) T	1,1,2-Trichloroet	0.358	0.394	0.372	0.363	0.361	0.382	0.372	3.77
56) T	Ethyl methacrylat	0.477	0.535	0.538	0.584	0.588	0.627	0.558	9.47
57) T	1,3-Dichloropropa	0.634	0.647	0.630	0.643	0.643	0.652	0.641	1.24
58) T	2-Chloroethyl Vin	0.244	0.238	0.294	0.315	0.315	0.303	0.285	12.14
59) T	2-Hexanone	0.345	0.402	0.366	0.422	0.429	0.425	0.398	8.83
60) T	Dibromochlorometh	0.356	0.419	0.398	0.427	0.438	0.414	0.409	7.10
61) T	1,2-Dibromoethane	0.370	0.405	0.394	0.394	0.408	0.390	0.393	3.37
62) S	4-Bromofluorobenz		0.460	0.484	0.486	0.504	0.496	0.486	3.39
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.386	0.423	0.341	0.362	0.367	0.318	0.366	9.91
65) PM	Chlorobenzene	1.113	1.125	0.974	1.037	1.010	0.987	1.041	6.20
66) T	1,1,1,2-Tetrachlo	0.444	0.423	0.336	0.396	0.410	0.375	0.397	9.66
67) C	Ethyl Benzene	1.797	1.948	1.572	1.884	1.934	1.801	1.823	7.59#
68) T	m/p-Xylenes	0.674	0.735	0.656	0.691	0.709	0.659	0.687	4.46
69) T	o-Xylene	0.590	0.649	0.565	0.665	0.698	0.640	0.635	7.74
70) T	Styrene	1.000	1.095	0.980	1.173	1.232	1.125	1.101	8.88
71) P	Bromoform	0.286	0.266	0.243	0.308	0.333	0.310	0.291	11.30
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.177	3.703	3.427	3.705	3.947	3.622	3.597	7.37
74) T	N-amyl acetate	1.791	1.627	1.539	1.842	1.887	1.852	1.756	7.99
75) P	1,1,2,2-Tetrachlo	1.096	1.282	1.109	1.171	1.151	1.194	1.167	5.77
76) T	1,2,3-Trichloropr	1.247	1.198	1.069	1.152	1.148	1.103	1.153	5.54
77) T	Bromobenzene	0.834	0.957	0.875	0.898	0.918	0.899	0.897	4.59
78) T	n-propylbenzene	3.569	4.504	4.155	4.401	4.438	4.624	4.282	8.92
79) T	2-Chlorotoluene	2.387	2.626	2.463	2.634	2.617	2.549	2.546	3.98
80) T	1,3,5-Trimethylbe	2.770	2.911	2.974	3.140	3.210	3.183	3.031	5.77
81) T	trans-1,4-Dichlor		0.471	0.407	0.455	0.486	0.464	0.456	6.58
82) T	4-Chlorotoluene	3.099	2.912	2.901	3.094	3.144	3.123	3.045	3.59
83) T	tert-Butylbenzene	2.441	2.907	2.781	3.011	3.147	3.189	2.913	9.47
84) T	1,2,4-Trimethylbe	2.704	3.243	3.122	3.209	3.179	3.386	3.140	7.37
85) T	sec-Butylbenzene	2.856	3.873	3.140	3.571	3.756	3.768	3.494	11.63
86) T	p-Isopropyltoluen	2.646	3.198	3.103	3.265	3.362	3.373	3.158	8.56
87) T	1,3-Dichlorobenze	1.788	1.617	1.546	1.567	1.659	1.707	1.647	5.51
88) T	1,4-Dichlorobenze	1.788	1.862	1.540	1.607	1.545	1.610	1.659	8.09
89) T	n-Butylbenzene	2.395	2.833	2.702	3.011	3.077	3.211	2.872	10.26
90) T	Hexachloroethane	0.566	0.677	0.517	0.639	0.650	0.685	0.622	10.69
91) T	1,2-Dichlorobenze	1.538	1.616	1.469	1.540	1.539	1.605	1.551	3.45
92) T	1,2-Dibromo-3-Chl	0.331	0.333	0.278	0.282	0.293	0.304	0.303	7.90
93) T	1,2,4-Trichlorobe	1.030	0.888	0.910	0.977	1.027	1.090	0.987	7.83
94) T	Hexachlorobutadie	0.384	0.402	0.342	0.360	0.362	0.397	0.375	6.24
95) T	Naphthalene	2.989	3.472	3.304	3.469	3.621	3.888	3.457	8.73
96) T	1,2,3-Trichlorobe	0.833	1.057	0.817	0.982	1.002	1.086	0.963	11.77

(#) = Out of Range