

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82X091019S.M
 Title : SW846 8260
 Last Update : Tue Sep 10 12:55:26 2019
 Response Via : Initial Calibration

Calibration Files

10 =VX012246.D 5 =VX012245.D 20 =VX012247.D
 50 =VX012248.D 100 =VX012249.D 150 =VX012250.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.428	0.483	0.434	0.382	0.372	0.353	0.409	11.84
3) P	Chloromethane	0.366	0.389	0.402	0.355	0.353	0.346	0.368	5.98
4) C	Vinyl Chloride	0.362	0.379	0.397	0.349	0.353	0.352	0.365	5.14#
5) T	Bromomethane	0.199	0.237	0.162	0.161	0.139		0.179	21.77
6) T	Chloroethane	0.238	0.307	0.240	0.236	0.226	0.219	0.244	13.07
7) T	Trichlorofluorome	0.671	0.744	0.692	0.649	0.619	0.593	0.661	8.15
8) T	Diethyl Ether	0.219	0.233	0.223	0.232	0.225	0.222	0.226	2.56
9) T	1,1,2-Trichlorotr	0.465	0.391	0.487	0.463	0.442	0.425	0.446	7.65
10) T	Methyl Iodide	0.360	0.349	0.408	0.454	0.484	0.491	0.424	14.48
11) T	Tert butyl alcoho	0.074	0.076	0.104	0.075	0.068	0.075	0.079	16.10
12) CM	1,1-Dichloroethen	0.393	0.347	0.407	0.388	0.367	0.368	0.378	5.70#
13) T	Acrolein	0.035	0.040	0.037	0.037	0.036	0.037	0.037	4.38
14) T	Allyl chloride	0.716	0.750	0.803	0.798	0.784	0.778	0.771	4.26
15) T	Acrylonitrile	0.130	0.130	0.141	0.146	0.145	0.145	0.139	5.53
16) T	Acetone	0.170	0.216	0.155	0.162	0.152	0.150	0.167	14.88
17) T	Carbon Disulfide	0.779	0.805	0.820	0.798	0.789	0.777	0.794	2.07
18) T	Methyl Acetate	0.330	0.379	0.340	0.359	0.347	0.356	0.352	4.82
19) T	Methyl tert-butyl	1.412	1.382	1.507	1.588	1.547	1.528	1.494	5.38
20) T	Methylene Chlorid	0.604	0.741	0.570	0.530	0.509	0.503	0.576	15.54
21) T	trans-1,2-Dichlor	0.440	0.463	0.470	0.459	0.443	0.434	0.451	3.18
22) T	Diisopropyl ether	1.674	1.670	1.810	1.843	1.799	1.789	1.764	4.19
23) T	Vinyl Acetate	0.993	0.941	1.103	1.164	1.145	1.148	1.082	8.59
24) P	1,1-Dichloroethan	0.906	0.918	0.983	0.978	0.949	0.936	0.945	3.30
25) T	2-Butanone	0.205	0.235	0.209	0.216	0.210	0.208	0.214	5.17
26) T	2,2-Dichloropropa	0.867	0.884	0.923	0.919	0.880	0.849	0.887	3.25
27) T	cis-1,2-Dichloroe	0.558	0.578	0.599	0.599	0.585	0.578	0.583	2.66
28) T	Bromochloromethan	0.423	0.434	0.412	0.478	0.464	0.448	0.443	5.64
29) T	Tetrahydrofuran	0.104	0.099	0.118	0.123	0.122	0.126	0.115	9.64
30) C	Chloroform	1.044	1.085	1.084	1.092	1.060	1.028	1.066	2.41#
31) T	Cyclohexane	0.648	0.693	0.681	0.668	0.638	0.610	0.656	4.65
32) T	1,1,1-Trichloroet	0.908	0.902	0.946	0.937	0.914	0.883	0.915	2.51
33) S	1,2-Dichloroethan	0.683	0.678	0.720	0.724	0.714	0.722	0.707	2.96
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.331	0.297	0.333	0.318	0.322	0.321	0.321	4.03
36) T	1,1-Dichloroprope	0.371	0.346	0.377	0.376	0.367	0.351	0.365	3.57
37) T	Ethyl Acetate	0.200	0.197	0.225	0.243	0.244	0.244	0.225	9.87
38) T	Carbon Tetrachlor	0.423	0.433	0.432	0.438	0.432	0.410	0.428	2.37
39) T	Methylcyclohexane	0.403	0.402	0.415	0.407	0.399	0.375	0.400	3.34
40) TM	Benzene	1.083	1.099	1.131	1.130	1.103	1.074	1.103	2.14
41) T	Methacrylonitrile	0.130	0.115	0.141	0.147	0.151	0.149	0.139	9.99
42) TM	1,2-Dichloroethan	0.425	0.430	0.441	0.452	0.444	0.425	0.436	2.56
43) T	Isopropyl Acetate	0.435	0.432	0.476	0.504	0.503	0.501	0.475	7.11
44) TM	Trichloroethene	0.296	0.295	0.313	0.302	0.298	0.287	0.299	2.89
45) C	1,2-Dichloropropa	0.294	0.314	0.302	0.313	0.308	0.302	0.305	2.53#
46) T	Dibromomethane	0.158	0.151	0.166	0.177	0.177	0.172	0.167	6.19
47) T	Bromodichlorometh	0.413	0.438	0.451	0.485	0.478	0.468	0.456	5.98
48) T	Methyl methacryla	0.210	0.192	0.228	0.243	0.246	0.246	0.227	9.82
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	9.86
50) S	Toluene-d8	1.039	1.096	1.069	1.176	1.183	1.182	1.124	5.69
51) T	4-Methyl-2-Pentan	0.229	0.230	0.254	0.262	0.265	0.263	0.251	6.65
52) CM	Toluene	0.724	0.714	0.746	0.749	0.733	0.706	0.729	2.35#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.413	0.411	0.457	0.481	0.488	0.478	0.455	7.62
54) T	cis-1,3-Dichlorop	0.479	0.464	0.510	0.526	0.526	0.520	0.504	5.20
55) T	1,1,2-Trichloroet	0.246	0.245	0.262	0.269	0.268	0.261	0.259	4.08
56) T	Ethyl methacrylat	0.319	0.297	0.348	0.375	0.383	0.379	0.350	10.18
57) T	1,3-Dichloropropa	0.417	0.411	0.463	0.461	0.455	0.444	0.442	5.08
58) T	2-Chloroethyl Vin	0.170	0.165	0.167	0.193	0.191	0.190	0.179	7.38
59) T	2-Hexanone	0.155	0.143	0.176	0.188	0.192	0.192	0.174	11.92
60) T	Dibromochlorometh	0.262	0.268	0.296	0.330	0.329	0.326	0.302	10.33
61) T	1,2-Dibromoethane	0.224	0.227	0.247	0.248	0.250	0.249	0.241	4.96
62) S	4-Bromofluorobenz	0.550	0.493	0.554	0.508	0.510	0.512	0.521	4.73
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.256	0.283	0.273	0.265	0.259	0.250	0.264	4.56
65) PM	Chlorobenzene	0.874	0.922	0.954	0.932	0.917	0.882	0.914	3.34
66) T	1,1,1,2-Tetrachlo	0.319	0.316	0.351	0.365	0.362	0.353	0.344	6.31
67) C	Ethyl Benzene	1.571	1.617	1.679	1.654	1.653	1.574	1.625	2.77#
68) T	m/p-Xylenes	0.574	0.582	0.627	0.616	0.609	0.580	0.598	3.70
69) T	o-Xylene	0.564	0.570	0.602	0.605	0.598	0.576	0.586	3.03
70) T	Styrene	0.945	0.994	1.077	1.082	1.093	1.044	1.039	5.63
71) P	Bromoform	0.157	0.147	0.172	0.193	0.200	0.203	0.179	13.17
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.324	3.185	3.458	3.331	3.299	3.152	3.292	3.36
74) T	N-amyl acetate	0.879	0.816	1.004	1.033	1.067	1.074	0.979	10.89
75) P	1,1,2,2-Tetrachlo	0.680	0.617	0.722	0.734	0.745	0.744	0.707	7.12
76) T	1,2,3-Trichloropr	0.590	0.557	0.724	0.673	0.662	0.648	0.642	9.37
77) T	Bromobenzene	0.755	0.701	0.802	0.778	0.762	0.749	0.758	4.47
78) T	n-propylbenzene	3.921	3.838	4.205	4.118	3.990	3.778	3.975	4.12
79) T	2-Chlorotoluene	2.466	2.390	2.595	2.503	2.447	2.375	2.463	3.27
80) T	1,3,5-Trimethylbe	2.931	2.879	3.134	3.003	2.966	2.847	2.960	3.46
81) T	trans-1,4-Dichlor	0.186	0.177	0.209	0.229	0.240	0.245	0.214	13.10
82) T	4-Chlorotoluene	2.929	2.861	3.171	3.044	2.944	2.807	2.960	4.43
83) T	tert-Butylbenzene	2.901	2.733	2.982	2.963	2.894	2.774	2.874	3.50
84) T	1,2,4-Trimethylbe	2.962	3.049	3.219	3.096	3.075	2.959	3.060	3.15
85) T	sec-Butylbenzene	3.435	3.354	3.682	3.467	3.374	3.267	3.430	4.13
86) T	p-Isopropyltoluen	3.129	2.990	3.315	3.266	3.222	3.091	3.169	3.81
87) T	1,3-Dichlorobenze	1.511	1.543	1.592	1.572	1.541	1.504	1.544	2.21
88) T	1,4-Dichlorobenze	1.525	1.570	1.635	1.560	1.550	1.526	1.561	2.59
89) T	n-Butylbenzene	3.023	3.003	3.300	3.194	3.138	2.977	3.106	4.08
90) T	Hexachloroethane	0.538	0.542	0.588	0.614	0.615	0.605	0.584	6.02
91) T	1,2-Dichlorobenze	1.352	1.401	1.498	1.455	1.455	1.408	1.428	3.60
92) T	1,2-Dibromo-3-Chl	0.133	0.129	0.149	0.148	0.152	0.156	0.144	7.60
93) T	1,2,4-Trichlorobe	0.920	0.896	0.997	1.026	1.045	1.032	0.986	6.39
94) T	Hexachlorobutadie	0.463	0.466	0.514	0.501	0.499	0.502	0.491	4.31
95) T	Naphthalene	1.869	1.724	2.214	2.212	2.340	2.340	2.116	12.20
96) T	1,2,3-Trichlorobe	0.780	0.801	0.887	0.898	0.946	0.923	0.873	7.71

(#) = Out of Range