

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : 82U112818W.M
 Title : SW846 8260
 Last Update : Thu Nov 29 01:04:49 2018
 Response Via : Initial Calibration

Calibration Files

1 =VU028352.D 5 =VU028353.D 20 =VU028354.D
 50 =VU028355.D 100 =VU028356.D 150 =VU028357.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.643	0.679	0.645	0.700	0.673	0.685	0.671	3.36
3) P	Chloromethane	1.335	1.398	1.204	1.289	1.290	1.284	1.300	4.92
4) C	Vinyl Chloride	0.897	0.923	0.850	0.926	0.924	0.938	0.910	3.54#
5) T	Bromomethane	0.354	0.369	0.288	0.335	0.399	0.366	0.352	10.67
6) T	Chloroethane	0.557	0.519	0.495	0.531	0.506	0.532	0.523	4.15
7) T	Trichlorofluorome	0.941	0.981	0.900	0.963	0.936	0.948	0.945	2.88
8) T	Diethyl Ether	0.496	0.441	0.411	0.428	0.424	0.435	0.439	6.78
9) T	1,1,2-Trichlorotr	0.581	0.551	0.509	0.564	0.533	0.564	0.550	4.70
10) T	Methyl Iodide		0.484	0.491	0.541	0.530	0.550	0.519	5.78
11) T	Tert butyl alcoho		0.192	0.178	0.185	0.191	0.203	0.190	4.89
12) CM	1,1-Dichloroethen	0.490	0.561	0.502	0.545	0.539	0.568	0.534	5.89#
13) T	Acrolein		0.180	0.164	0.165	0.165	0.169	0.169	3.98
14) T	Allyl chloride	1.340	1.349	1.322	1.388	1.499	1.476	1.396	5.37
15) T	Acrylonitrile	0.453	0.514	0.487	0.523	0.511	0.526	0.502	5.56
16) T	Acetone	0.559	0.572	0.498	0.502	0.469	0.469	0.511	8.67
17) T	Carbon Disulfide	2.311	2.075	1.864	2.041	1.976	2.035	2.050	7.21
18) T	Methyl Acetate	1.411	1.485	1.329	1.428	1.432	1.456	1.423	3.72
19) T	Methyl tert-butyl	2.122	2.298	2.061	2.242	2.172	2.245	2.190	4.04
20) T	Methylene Chlorid	1.103	0.783	0.698	0.725	0.712	0.724	0.791	19.70
21) T	trans-1,2-Dichlor	0.626	0.624	0.578	0.639	0.612	0.638	0.619	3.65
22) T	Diisopropyl ether	2.579	2.811	2.641	2.863	2.770	2.822	2.748	4.10
23) T	Vinyl Acetate	2.007	2.296	2.201	2.403	2.365	2.430	2.284	6.94
24) P	1,1-Dichloroethan	1.152	1.457	1.321	1.419	1.367	1.412	1.355	8.11
25) T	2-Butanone	0.682	0.774	0.704	0.749	0.733	0.754	0.733	4.66
26) T	2,2-Dichloropropa	1.074	1.094	1.021	1.104	1.077	1.085	1.076	2.70
27) T	cis-1,2-Dichloroe	0.784	0.747	0.675	0.735	0.715	0.740	0.733	4.94
28) T	Bromochloromethan	0.654	0.723	0.671	0.709	0.656	0.651	0.677	4.57
29) T	Tetrahydrofuran	0.401	0.487	0.469	0.498	0.491	0.509	0.476	8.20
30) C	Chloroform	1.318	1.265	1.170	1.258	1.237	1.254	1.250	3.83#
31) T	Cyclohexane	2.491	1.656	1.337	1.410	1.361	1.393	1.608	27.85
32) T	1,1,1-Trichloroet	0.921	1.061	0.963	1.031	1.005	1.039	1.003	5.24
33) S	1,2-Dichloroethan		0.850	0.800	0.866	0.820	0.843	0.836	3.12
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.337	0.327	0.329	0.335	0.335	0.332	1.30
36) T	1,1-Dichloroprope	0.592	0.553	0.499	0.530	0.561	0.548	0.547	5.66
37) T	Ethyl Acetate	0.629	0.729	0.758	0.764	0.775	0.819	0.746	8.62
38) T	Carbon Tetrachlor	0.437	0.471	0.428	0.445	0.455	0.460	0.449	3.53
39) T	Methylcyclohexane	0.648	0.602	0.606	0.662	0.674	0.678	0.645	5.21
40) TM	Benzene	1.466	1.654	1.593	1.672	1.669	1.669	1.621	5.01
41) T	Methacrylonitrile	0.329	0.423	0.411	0.437	0.440	0.444	0.414	10.44
42) TM	1,2-Dichloroethan	0.560	0.605	0.553	0.596	0.595	0.593	0.584	3.67
43) T	Isopropyl Acetate	1.070	1.151	1.147	1.220	1.246	1.254	1.182	6.05
44) TM	Trichloroethene	0.330	0.350	0.326	0.354	0.360	0.364	0.347	4.56
45) C	1,2-Dichloropropa	0.419	0.483	0.472	0.488	0.486	0.499	0.475	6.00#
46) T	Dibromomethane	0.237	0.289	0.267	0.279	0.281	0.283	0.273	6.90
47) T	Bromodichlorometh	0.528	0.557	0.516	0.543	0.551	0.558	0.542	3.13
48) T	Methyl methacryla	0.614	0.598	0.576	0.618	0.638	0.649	0.615	4.31
49) T	1,4-Dioxane	0.008	0.010	0.009	0.010	0.011	0.012	0.010	13.86
50) S	Toluene-d8		1.327	1.287	1.348	1.330	1.357	1.330	2.04
51) T	4-Methyl-2-Pentan	0.677	0.748	0.727	0.777	0.791	0.807	0.755	6.31
52) CM	Toluene	0.814	0.930	0.903	0.969	0.984	0.999	0.933	7.33#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.610	0.645	0.617	0.653	0.674	0.691	0.648	4.84
54) T	cis-1,3-Dichlorop	0.694	0.691	0.641	0.696	0.714	0.733	0.695	4.44
55) T	1,1,2-Trichloroet	0.381	0.397	0.369	0.389	0.394	0.400	0.388	2.98
56) T	Ethyl methacrylat	0.572	0.614	0.619	0.696	0.727	0.736	0.661	10.30
57) T	1,3-Dichloropropa	0.659	0.733	0.677	0.719	0.736	0.749	0.712	5.05
58) T	2-Chloroethyl Vin	0.281	0.327	0.346	0.376	0.394	0.403	0.355	12.98
59) T	2-Hexanone	0.491	0.585	0.561	0.603	0.629	0.638	0.585	9.16
60) T	Dibromochlorometh	0.338	0.363	0.356	0.372	0.387	0.400	0.369	5.97
61) T	1,2-Dibromoethane	0.343	0.397	0.387	0.414	0.421	0.426	0.398	7.73
62) S	4-Bromofluorobenz		0.446	0.440	0.494	0.514	0.503	0.479	7.10
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.324	0.361	0.311	0.328	0.321	0.327	0.329	5.18
65) PM	Chlorobenzene	0.982	1.048	1.002	1.063	1.066	1.069	1.038	3.60
66) T	1,1,1,2-Tetrachlo	0.336	0.368	0.339	0.362	0.361	0.370	0.356	4.19
67) C	Ethyl Benzene	1.857	1.916	1.852	2.022	2.029	2.057	1.955	4.70#
68) T	m/p-Xylenes	0.661	0.690	0.650	0.736	0.740	0.747	0.704	6.10
69) T	o-Xylene	0.664	0.707	0.659	0.721	0.722	0.724	0.700	4.30
70) T	Styrene	1.001	1.082	1.065	1.189	1.215	1.218	1.128	8.09
71) P	Bromoform	0.263	0.300	0.282	0.308	0.318	0.324	0.299	7.71
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.731	4.030	3.903	3.986	3.834	3.850	3.889	2.80
74) T	N-amyl acetate	2.243	2.493	2.417	2.481	2.466	2.519	2.436	4.12
75) P	1,1,2,2-Tetrachlo	1.489	1.767	1.593	1.602	1.556	1.589	1.599	5.75
76) T	1,2,3-Trichloropr	1.242	1.611	1.433	1.410	1.276	1.348	1.387	9.55
77) T	Bromobenzene	0.939	0.933	0.906	0.924	0.902	0.894	0.916	1.98
78) T	n-propylbenzene	4.597	4.798	4.770	4.956	4.829	4.834	4.797	2.44
79) T	2-Chlorotoluene	2.633	3.002	2.893	2.911	2.765	2.764	2.828	4.67
80) T	1,3,5-Trimethylbe	3.174	3.347	3.263	3.350	3.280	3.248	3.277	2.03
81) T	trans-1,4-Dichlor	0.556	0.447	0.500	0.512	0.540	0.579	0.522	8.94
82) T	4-Chlorotoluene	3.125	3.297	3.227	3.313	3.301	3.288	3.258	2.21
83) T	tert-Butylbenzene	2.673	3.124	3.058	3.193	3.152	3.130	3.055	6.29
84) T	1,2,4-Trimethylbe	3.098	3.281	3.323	3.461	3.388	3.365	3.319	3.75
85) T	sec-Butylbenzene	3.804	3.927	3.950	4.045	4.056	4.024	3.968	2.41
86) T	p-Isopropyltoluen	2.953	3.247	3.208	3.381	3.405	3.382	3.263	5.26
87) T	1,3-Dichlorobenze	1.713	1.679	1.595	1.672	1.689	1.679	1.671	2.40
88) T	1,4-Dichlorobenze	1.697	1.715	1.598	1.711	1.677	1.693	1.682	2.57
89) T	n-Butylbenzene	2.895	2.936	3.007	3.409	3.524	3.548	3.220	9.50
90) T	Hexachloroethane	0.431	0.508	0.508	0.523	0.532	0.554	0.509	8.22
91) T	1,2-Dichlorobenze	1.543	1.742	1.606	1.696	1.698	1.719	1.667	4.58
92) T	1,2-Dibromo-3-Chl	0.305	0.367	0.358	0.356	0.358	0.390	0.356	7.81
93) T	1,2,4-Trichlorobe	1.060	0.946	1.000	1.118	1.154	1.270	1.091	10.59
94) T	Hexachlorobutadie	0.517	0.503	0.470	0.527	0.525	0.551	0.515	5.31
95) T	Naphthalene	2.651	3.379	3.620	4.011	4.107	4.501	3.712	17.51
96) T	1,2,3-Trichlorobe	1.008	0.978	1.041	1.155	1.158	1.283	1.104	10.46

(#) = Out of Range