

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : 82U010319W.M
 Title : SW846 8260
 Last Update : Fri Jan 04 02:22:53 2019
 Response Via : Initial Calibration

Calibration Files

1 =VU028998.D 5 =VU028999.D 20 =VU028993.D
 50 =VU028994.D 100 =VU028995.D 150 =VU028996.D

	Compound	1	5	20	50	100	150	Avq	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.549	0.457	0.507	0.493	0.487	0.481	0.496	6.24
3) P	Chloromethane	1.289	0.859	0.814	0.791	0.789	0.783	0.887	22.40
4) C	Vinyl Chloride	0.782	0.692	0.749	0.724	0.722	0.715	0.731	4.24#
5) T	Bromomethane	0.588	0.485	0.421	0.406	0.369	0.355	0.437	19.89
6) T	Chloroethane	0.457	0.434	0.442	0.425	0.424	0.429	0.435	2.93
7) T	Trichlorofluorome	0.840	0.808	0.801	0.784	0.776	0.769	0.796	3.30
8) T	Diethyl Ether	0.386	0.370	0.399	0.386	0.378	0.376	0.383	2.65
9) T	1,1,2-Trichlorotr	0.637	0.536	0.529	0.476	0.506	0.513	0.533	10.33
10) T	Methyl Iodide		0.472	0.477	0.492	0.530	0.535	0.501	5.90
11) T	Tert butyl alcoho		0.172	0.155	0.151	0.153	0.153	0.157	5.47
12) CM	1,1-Dichloroethen	0.560	0.516	0.514	0.474	0.521	0.526	0.519	5.33#
13) T	Acrolein		0.130	0.122	0.114	0.112	0.113	0.118	6.61
14) T	Allyl chloride	0.969	0.989	0.895	0.990	0.961	0.905	0.951	4.39
15) T	Acrylonitrile	0.381	0.372	0.401	0.393	0.384	0.381	0.385	2.61
16) T	Acetone	0.477	0.420	0.406	0.372	0.341	0.319	0.389	14.71
17) T	Carbon Disulfide	2.845	1.848	1.762	1.715	1.702	1.707	1.930	23.40
18) T	Methyl Acetate	1.031	0.871	0.915	0.886	0.863	0.867	0.905	7.09
19) T	Methyl tert-butyl	1.983	1.756	1.826	1.815	1.778	1.781	1.823	4.52
20) T	Methylene Chlorid	0.762	0.657	0.655	0.637	0.626	0.629	0.661	7.70
21) T	trans-1,2-Dichlor	0.687	0.590	0.600	0.591	0.575	0.572	0.602	7.07
22) T	Diisopropyl ether	1.882	1.827	1.941	1.908	1.879	1.847	1.880	2.18
23) T	Vinyl Acetate	1.425	1.473	1.587	1.588	1.582	1.568	1.537	4.58
24) P	1,1-Dichloroethan	1.067	1.088	1.114	1.093	1.083	1.069	1.086	1.60
25) T	2-Butanone	0.503	0.522	0.559	0.541	0.518	0.512	0.526	3.88
26) T	2,2-Dichloropropa	0.913	0.866	0.914	0.878	0.852	0.840	0.877	3.51
27) T	cis-1,2-Dichloroe	0.656	0.638	0.672	0.665	0.658	0.665	0.659	1.81
28) T	Bromochloromethan	0.476	0.448	0.506	0.477	0.451	0.432	0.465	5.74
29) T	Tetrahydrofuran	0.304	0.315	0.333	0.326	0.320	0.316	0.319	3.11
30) C	Chloroform	1.030	1.033	1.065	1.040	1.025	1.012	1.034	1.73#
31) T	Cyclohexane	1.916	1.172	1.065	1.028	1.023	1.005	1.201	29.56
32) T	1,1,1-Trichloroet	0.879	0.844	0.874	0.856	0.843	0.831	0.854	2.22
33) S	1,2-Dichloroethan		0.624	0.634	0.625	0.608	0.600	0.618	2.23
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh		0.330	0.330	0.322	0.320	0.319	0.324	1.62
36) T	1,1-Dichloroprope	0.549	0.496	0.495	0.478	0.488	0.492	0.500	5.05
37) T	Ethyl Acetate	0.557	0.507	0.575	0.550	0.549	0.554	0.549	4.10
38) T	Carbon Tetrachlor	0.397	0.412	0.422	0.419	0.423	0.428	0.417	2.60
39) T	Methylcyclohexane	0.687	0.568	0.600	0.599	0.612	0.619	0.614	6.48
40) TM	Benzene	1.639	1.543	1.573	1.535	1.536	1.527	1.559	2.71
41) T	Methacrylonitrile	0.274	0.275	0.306	0.300	0.304	0.302	0.294	5.06
42) TM	1,2-Dichloroethan	0.423	0.476	0.491	0.476	0.473	0.472	0.468	4.98
43) T	Isopropyl Acetate	0.755	0.798	0.877	0.858	0.875	0.886	0.842	6.26
44) TM	Trichloroethene	0.429	0.355	0.389	0.373	0.387	0.385	0.386	6.33
45) C	1,2-Dichloropropa	0.415	0.397	0.420	0.413	0.414	0.412	0.412	1.91#
46) T	Dibromomethane	0.265	0.255	0.271	0.260	0.264	0.265	0.263	2.04
47) T	Bromodichlorometh	0.478	0.467	0.491	0.478	0.496	0.497	0.485	2.46
48) T	Methyl methacryla	0.308	0.398	0.424	0.433	0.447	0.449	0.410	13.02
49) T	1,4-Dioxane	0.009	0.009	0.010	0.010	0.010	0.010	0.010	7.29
50) S	Toluene-d8		1.247	1.290	1.273	1.297	1.291	1.280	1.60
51) T	4-Methyl-2-Pentan	0.527	0.531	0.586	0.580	0.598	0.614	0.573	6.27
52) CM	Toluene	0.935	0.924	0.966	0.937	0.964	0.969	0.949	2.05#

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	Compound	1	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.586	0.552	0.567	0.571	0.600	0.616	0.582	4.01
54) T	cis-1,3-Dichlorop	0.602	0.609	0.637	0.626	0.650	0.650	0.629	3.22
55) T	1,1,2-Trichloroet	0.347	0.379	0.396	0.376	0.390	0.393	0.380	4.74
56) T	Ethyl methacrylat	0.494	0.547	0.580	0.594	0.635	0.664	0.586	10.43
57) T	1,3-Dichloropropa	0.610	0.623	0.679	0.647	0.666	0.679	0.651	4.48
58) T	2-Chloroethyl Vin	0.207	0.241	0.263	0.266	0.280	0.287	0.258	11.38
59) T	2-Hexanone	0.390	0.429	0.459	0.455	0.476	0.489	0.450	7.94
60) T	Dibromochlorometh	0.347	0.355	0.375	0.374	0.395	0.413	0.377	6.49
61) T	1,2-Dibromoethane	0.403	0.388	0.421	0.408	0.422	0.432	0.412	3.84
62) S	4-Bromofluorobenz		0.417	0.442	0.450	0.486	0.504	0.460	7.57
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.384	0.350	0.367	0.361	0.355	0.344	0.360	4.01
65) PM	Chlorobenzene	1.213	1.122	1.111	1.078	1.109	1.092	1.121	4.24
66) T	1,1,1,2-Tetrachlo	0.349	0.361	0.370	0.362	0.371	0.370	0.364	2.33
67) C	Ethyl Benzene	1.839	1.808	1.856	1.895	1.934	1.896	1.871	2.44#
68) T	m/p-Xylenes	0.727	0.698	0.729	0.726	0.747	0.736	0.727	2.28
69) T	o-Xylene	0.656	0.683	0.695	0.707	0.737	0.725	0.701	4.16
70) T	Styrene	1.044	1.058	1.134	1.178	1.230	1.245	1.148	7.41
71) P	Bromoform	0.277	0.301	0.321	0.332	0.351	0.360	0.324	9.59
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.013	3.803	3.740	3.632	3.519	3.498	3.701	5.25
74) T	N-amyl acetate	1.609	1.541	1.600	1.610	1.605	1.604	1.595	1.66
75) P	1,1,2,2-Tetrachlo	1.662	1.528	1.498	1.429	1.396	1.387	1.483	7.01
76) T	1,2,3-Trichloropr	1.289	1.233	1.291	1.213	1.181	1.144	1.225	4.79
77) T	Bromobenzene	1.051	0.980	0.969	0.932	0.931	0.925	0.964	4.96
78) T	n-propylbenzene	4.601	4.220	4.424	4.359	4.286	4.278	4.361	3.15
79) T	2-Chlorotoluene	3.043	2.672	2.626	2.566	2.496	2.471	2.646	7.89
80) T	1,3,5-Trimethylbe	3.282	3.057	3.137	3.043	3.011	3.013	3.091	3.38
81) T	trans-1,4-Dichlor	0.598	0.469	0.430	0.431	0.446	0.477	0.475	13.28
82) T	4-Chlorotoluene	3.422	2.993	2.960	2.942	2.926	2.959	3.034	6.31
83) T	tert-Butylbenzene	3.298	2.948	3.064	2.967	2.990	3.009	3.046	4.25
84) T	1,2,4-Trimethylbe	3.011	2.969	3.202	3.116	3.118	3.097	3.086	2.70
85) T	sec-Butylbenzene	3.738	3.607	3.737	3.663	3.667	3.692	3.684	1.36
86) T	p-Isopropyltoluen	3.148	3.007	3.154	3.164	3.176	3.186	3.139	2.10
87) T	1,3-Dichlorobenze	2.105	1.687	1.723	1.695	1.694	1.710	1.769	9.34
88) T	1,4-Dichlorobenze	2.267	1.819	1.755	1.690	1.710	1.715	1.826	12.09
89) T	n-Butylbenzene	2.593	2.540	2.741	2.882	2.997	3.059	2.802	7.60
90) T	Hexachloroethane	0.602	0.527	0.505	0.504	0.508	0.522	0.528	7.11
91) T	1,2-Dichlorobenze	2.057	1.776	1.726	1.711	1.711	1.709	1.782	7.71
92) T	1,2-Dibromo-3-Chl	0.273	0.271	0.291	0.295	0.294	0.288	0.285	3.77
93) T	1,2,4-Trichlorobe	1.288	0.973	1.069	1.131	1.163	1.200	1.137	9.53
94) T	Hexachlorobutadie	0.603	0.527	0.501	0.493	0.495	0.503	0.520	8.13
95) T	Naphthalene	4.809	3.210	3.560	3.817	3.867	3.952	3.869	13.78
96) T	1,2,3-Trichlorobe	1.581	1.047	1.119	1.150	1.169	1.191	1.209	15.62

(#) = Out of Range