

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\

Method File : 82Y011020S.M

Title : SW846 8260

Last Update : Fri Jan 10 16:01:58 2020

Response Via : Initial Calibration

Calibration Files

10 =VY001146.D	5 =VY001145.D	20 =VY001147.D
50 =VY001148.D	100 =VY001149.D	150 =VY001150.D

	Compound	10	5	20	50	100	150	Avg	%RSD
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1) I	Pentafluorobenzene				-----ISTD-----				
2) T	Dichlorodifluorom	0.428	0.345	0.417	0.374	0.386	0.355	0.384	8.63
3) P	Chloromethane	0.617	0.590	0.590	0.518	0.528	0.478	0.553	9.68
4) C	Vinyl Chloride	0.586	0.539	0.610	0.554	0.560	0.497	0.558	7.01#
5) T	Bromomethane	0.324	0.325	0.307	0.308	0.289	0.243	0.300	10.21
6) T	Chloroethane	0.354	0.342	0.340	0.318	0.312	0.267	0.322	9.74
7) T	Trichlorofluorome	0.797	0.819	0.818	0.742	0.772	0.708	0.776	5.71
8) T	Diethyl Ether	0.317	0.289	0.321	0.296	0.305	0.282	0.302	5.24
9) T	1,1,2-Trichlorotr	0.519	0.494	0.531	0.488	0.504	0.462	0.500	4.85
10) T	Methyl Iodide	0.701	0.676	0.717	0.675	0.695	0.639	0.684	3.96
11) T	Tert butyl alcoho	0.057	0.066	0.055	0.047	0.048	0.046	0.053	14.61
12) CM	1,1-Dichloroethen	0.529	0.514	0.544	0.495	0.516	0.470	0.511	5.08#
13) T	Acrolein	0.051	0.050	0.053	0.045	0.044	0.044	0.048	8.30
14) T	Allyl chloride	0.866	0.853	0.904	0.841	0.890	0.822	0.863	3.53
15) T	Acrylonitrile	0.151	0.152	0.162	0.144	0.152	0.143	0.151	4.59
16) T	Acetone	0.124	0.138	0.120	0.114	0.121	0.118	0.123	6.83
17) T	Carbon Disulfide	1.715	1.592	1.761	1.627	1.691	1.541	1.654	4.97
18) T	Methyl Acetate	0.405	0.472	0.418	0.374	0.387	0.376	0.405	9.07
19) T	Methyl tert-butyl	1.420	1.400	1.470	1.384	1.456	1.354	1.414	3.10
20) T	Methylene Chlorid	0.763	0.969	0.723	0.558	0.566	0.519	0.683	25.03
21) T	trans-1,2-Dichlor	0.583	0.584	0.614	0.569	0.591	0.535	0.580	4.50
22) T	Diisopropyl ether	1.725	1.763	1.790	1.729	1.862	1.704	1.762	3.26
23) T	Vinyl Acetate	1.127	1.080	1.194	1.118	1.191	1.051	1.127	5.12
24) P	1,1-Dichloroethan	0.966	0.970	1.007	0.941	0.993	0.911	0.965	3.57
25) T	2-Butanone	0.189	0.203	0.199	0.184	0.191	0.179	0.191	4.72
26) T	2,2-Dichloropropa	0.916	0.990	0.897	0.844	0.875	0.800	0.887	7.31
27) T	cis-1,2-Dichloroe	0.636	0.649	0.676	0.627	0.639	0.583	0.635	4.77
28) T	Bromochloromethan	0.365	0.356	0.350	0.425	0.441	0.439	0.396	10.97
29) T	Tetrahydrofuran	0.131	0.132	0.137	0.127	0.134	0.125	0.131	3.50
30) C	Chloroform	0.949	0.968	0.973	0.930	0.963	0.888	0.945	3.40#
31) T	Cyclohexane	1.060	1.148	1.054	0.965	0.997	0.904	1.021	8.32
32) T	1,1,1-Trichloroet	0.853	0.862	0.865	0.824	0.851	0.776	0.839	4.07
33) S	1,2-Dichloroethan	0.509	0.550	0.502	0.542	0.533	0.532	0.528	3.53
34) I	1,4-Difluorobenzene				-----ISTD-----				
35) S	Dibromofluorometh	0.316	0.295	0.304	0.287	0.278	0.276	0.293	5.31
36) T	1,1-Dichloroprope	0.468	0.466	0.486	0.446	0.459	0.410	0.456	5.66
37) T	Ethyl Acetate	0.275	0.275	0.284	0.255	0.267	0.249	0.267	4.99
38) T	Carbon Tetrachlor	0.426	0.425	0.438	0.411	0.425	0.380	0.418	4.80
39) T	Methylcyclohexane	0.643	0.634	0.651	0.605	0.621	0.553	0.618	5.76
40) TM	Benzene	1.362	1.373	1.405	1.300	1.339	1.202	1.330	5.40
41) T	Methacrylonitrile	0.154	0.132	0.106	0.123	0.125	0.113	0.126	13.32
42) TM	1,2-Dichloroethan	0.375	0.383	0.392	0.366	0.375	0.344	0.372	4.41
43) T	Isopropyl Acetate	0.513	0.530	0.542	0.497	0.514	0.473	0.511	4.76
44) TM	Trichloroethene	0.354	0.353	0.366	0.344	0.348	0.315	0.347	4.87
45) C	1,2-Dichloropropa	0.342	0.332	0.349	0.320	0.330	0.300	0.329	5.22#
46) T	Dibromomethane	0.176	0.189	0.189	0.176	0.182	0.164	0.179	5.22
47) T	Bromodichlorometh	0.447	0.446	0.459	0.427	0.444	0.400	0.437	4.74
48) T	Methyl methacryla	0.245	0.240	0.249	0.231	0.238	0.217	0.237	4.77
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.66
50) S	Toluene-d8	1.048	1.228	1.037	1.180	1.149	1.126	1.128	6.62
51) T	4-Methyl-2-Pentan	0.265	0.263	0.279	0.252	0.260	0.238	0.259	5.24
52) CM	Toluene	0.862	0.871	0.884	0.838	0.861	0.775	0.848	4.59#

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	Compound	10	5	20	50	100	150	Avg	%RSD
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53) T	t-1,3-Dichloropro	0.488	0.499	0.510	0.484	0.499	0.456	0.489	3.83
54) T	cis-1,3-Dichlorop	0.554	0.566	0.581	0.543	0.559	0.507	0.552	4.54
55) T	1,1,2-Trichloroet	0.273	0.279	0.281	0.260	0.264	0.240	0.266	5.69
56) T	Ethyl methacrylat	0.410	0.405	0.432	0.400	0.414	0.381	0.407	4.15
57) T	1,3-Dichloropropa	0.460	0.462	0.489	0.451	0.460	0.418	0.457	4.99
58) T	2-Chloroethyl Vin	0.148	0.178	0.147	0.127	0.133	0.126	0.143	13.61
59) T	2-Hexanone	0.178	0.184	0.197	0.179	0.185	0.170	0.182	4.93
60) T	Dibromochlorometh	0.311	0.311	0.324	0.304	0.308	0.280	0.306	4.73
61) T	1,2-Dibromoethane	0.266	0.270	0.275	0.255	0.259	0.233	0.260	5.78
62) S	4-Bromofluorobenz	0.480	0.474	0.487	0.457	0.439	0.429	0.461	5.08
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63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.325	0.330	0.329	0.321	0.313	0.316	0.322	2.13
65) PM	Chlorobenzene	1.037	1.056	1.033	0.987	0.990	0.892	0.999	5.95
66) T	1,1,1,2-Tetrachlo	0.356	0.359	0.363	0.344	0.340	0.303	0.344	6.40
67) C	Ethyl Benzene	1.900	1.906	1.924	1.817	1.809	1.610	1.828	6.40#
68) T	m/p-Xylenes	0.705	0.715	0.734	0.695	0.681	0.606	0.689	6.49
69) T	o-Xylene	0.679	0.696	0.701	0.656	0.653	0.581	0.661	6.64
70) T	Styrene	1.177	1.189	1.229	1.162	1.163	1.039	1.160	5.54
71) P	Bromoform	0.218	0.212	0.223	0.214	0.212	0.195	0.212	4.57
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72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.920	3.827	3.773	3.717	3.867	3.448	3.759	4.47
74) T	N-amyl acetate	1.179	1.162	1.191	1.172	1.225	1.111	1.173	3.20
75) P	1,1,2,2-Tetrachlo	0.813	0.807	0.807	0.772	0.812	0.734	0.791	4.02
76) T	1,2,3-Trichloropr	0.532	0.628	0.544	0.498	0.522	0.488	0.535	9.37
77) T	Bromobenzene	0.867	0.861	0.853	0.821	0.836	0.745	0.831	5.44
78) T	n-propylbenzene	4.709	4.590	4.603	4.498	4.622	4.107	4.521	4.73
79) T	2-Chlorotoluene	2.685	2.623	2.609	2.567	2.679	2.417	2.597	3.80
80) T	1,3,5-Trimethylbe	3.259	3.163	3.208	3.158	3.197	2.833	3.136	4.89
81) T	trans-1,4-Dichlor	0.319	0.307	0.319	0.310	0.332	0.307	0.316	3.16
82) T	4-Chlorotoluene	2.863	2.826	2.757	2.760	2.862	2.564	2.772	4.05
83) T	tert-Butylbenzene	2.778	2.730	2.684	2.625	2.649	2.347	2.635	5.76
84) T	1,2,4-Trimethylbe	3.267	3.213	3.214	3.108	3.123	2.764	3.115	5.85
85) T	sec-Butylbenzene	3.971	3.888	3.914	3.786	3.813	3.376	3.791	5.65
86) T	p-Isopropyltoluen	3.488	3.447	3.465	3.304	3.231	2.815	3.292	7.73
87) T	1,3-Dichlorobenze	1.684	1.688	1.631	1.552	1.529	1.341	1.571	8.31
88) T	1,4-Dichlorobenze	1.691	1.720	1.681	1.587	1.593	1.428	1.617	6.63
89) T	n-Butylbenzene	3.434	3.474	3.438	3.343	3.267	2.936	3.315	6.05
90) T	Hexachloroethane	0.657	0.667	0.665	0.647	0.645	0.578	0.643	5.16
91) T	1,2-Dichlorobenze	1.533	1.490	1.520	1.445	1.450	1.321	1.460	5.25
92) T	1,2-Dibromo-3-Chl	0.147	0.155	0.146	0.139	0.139	0.130	0.143	5.93
93) T	1,2,4-Trichlorobe	1.003	1.084	1.007	0.947	0.895	0.835	0.962	9.25
94) T	Hexachlorobutadiie	0.515	0.549	0.508	0.483	0.447	0.406	0.485	10.57
95) T	Naphthalene	2.250	2.437	2.353	2.206	2.138	2.051	2.239	6.30
96) T	1,2,3-Trichlorobe	0.863	0.943	0.898	0.826	0.802	0.755	0.848	8.00
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(#= Out of Range)