

Method Path : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\
 Method File : 82W092118S.M
 Title : SW846 8260
 Last Update : Fri Sep 21 05:59:50 2018
 Response Via : Initial Calibration

Instrument :
 BNA_F
 ClientSampled :

Calibration Files

10 =VW005542.D 5 =VW005541.D 20 =VW005543.D
 50 =VW005544.D 100 =VW005546.D 150 =VW005547.D

Compound	10	5	20	50	100	150	Avg	%RSD
-----ISTD-----								
1) I Pentafluorobenzene								
2) T Dichlorodifluorom	0.382	0.431	0.328	0.303	0.296	0.285	0.337	16.99
3) P Chloromethane	0.442	0.461	0.402	0.361	0.371	0.375	0.402	10.22
4) C Vinyl Chloride	0.525	0.516	0.492	0.457	0.446	0.446	0.480	7.37#
5) T Bromomethane	0.333	0.383	0.329	0.306	0.296	0.302	0.325	9.88
6) T Chloroethane	0.329	0.357	0.311	0.288	0.283	0.282	0.308	9.87
7) T Trichlorofluorome	0.393	0.386	0.384	0.364	0.363	0.365	0.376	3.53
8) T Diethyl Ether	0.256	0.293	0.238	0.236	0.212	0.239	0.245	11.01
9) T 1,1,2-Trichlorotr	0.500	0.540	0.494	0.451	0.435	0.434	0.476	8.94
10) T Methyl Iodide	0.759	0.800	0.729	0.720	0.683	0.698	0.732	5.83
11) T Tert butyl alcoho	0.038	0.042	0.032	0.029	0.027	0.031	0.033	17.33
12) CM 1,1-Dichloroethen	0.481	0.520	0.455	0.435	0.415	0.426	0.455	8.66#
13) T Acrolein	0.029	0.031	0.027	0.019	0.018	0.020	0.024	23.04
14) T Allyl chloride	0.810	0.835	0.770	0.789	0.767	0.797	0.795	3.18
15) T Acrylonitrile	0.115	0.117	0.108	0.105	0.099	0.109	0.109	6.30
16) T Acetone	0.123	0.130	0.103	0.091	0.084	0.093	0.104	17.72
17) T Carbon Disulfide	1.495	1.632	1.433	1.359	1.306	1.312	1.423	8.85
18) T Methyl Acetate	0.285	0.336	0.260	0.263	0.250	0.281	0.279	11.03
19) T Methyl tert-butyl	0.730	0.719	0.675	0.712	0.670	0.711	0.703	3.46
20) T Methylene Chlorid	0.662	0.864	0.556	0.511	0.457	0.470	0.587	26.37
21) T trans-1,2-Dichlor	0.517	0.540	0.495	0.496	0.468	0.476	0.499	5.33
22) T Diisopropyl ether	1.539	1.512	1.526	1.598	1.497	1.585	1.543	2.62
23) T Vinyl Acetate	0.867	0.829	0.862	0.913	0.868	0.952	0.882	4.93
24) P 1,1-Dichloroethan	0.986	1.053	0.927	0.947	0.889	0.917	0.953	6.13
25) T 2-Butanone	0.156	0.157	0.142	0.134	0.127	0.142	0.143	8.32
26) T 2,2-Dichloropropa	0.736	0.809	0.652	0.633	0.583	0.579	0.665	13.66
27) T cis-1,2-Dichloroe	0.558	0.592	0.536	0.551	0.521	0.542	0.550	4.44
28) T Bromochloromethan	0.420	0.424	0.363	0.361	0.344	0.354	0.378	9.21
29) T Tetrahydrofuran	0.093	0.090	0.089	0.088	0.082	0.094	0.089	4.78
30) C Chloroform	1.018	1.062	0.969	0.986	0.925	0.944	0.984	5.08#
31) T Cyclohexane	0.986	1.120	0.891	0.846	0.811	0.825	0.913	13.05
32) T 1,1,1-Trichloroet	0.925	0.964	0.852	0.854	0.809	0.812	0.869	7.18
33) S 1,2-Dichloroethan	0.624	0.604	0.575	0.594	0.553	0.585	0.589	4.17
-----ISTD-----								
34) I 1,4-Difluorobenzene								
35) S Dibromofluorometh	0.333	0.311	0.303	0.324	0.302	0.315	0.314	3.87
36) T 1,1-Dichloroprope	0.515	0.530	0.512	0.507	0.477	0.479	0.503	4.20
37) T Ethyl Acetate	0.215	0.236	0.212	0.211	0.185	0.211	0.212	7.66
38) T Carbon Tetrachlor	0.559	0.583	0.543	0.539	0.508	0.505	0.539	5.51
39) T Methylcyclohexane	0.581	0.613	0.600	0.594	0.583	0.591	0.594	1.95
40) TM Benzene	1.472	1.532	1.443	1.430	1.321	1.358	1.426	5.39
41) T Methacrylonitrile	0.125	0.105	0.122	0.124	0.116	0.131	0.121	7.60
42) TM 1,2-Dichloroethan	0.472	0.490	0.462	0.458	0.419	0.438	0.457	5.47
43) T Isopropyl Acetate	0.431	0.426	0.410	0.407	0.384	0.440	0.416	4.82
44) TM Trichloroethene	0.376	0.387	0.370	0.363	0.342	0.352	0.365	4.49
45) C 1,2-Dichloropropa	0.355	0.377	0.352	0.354	0.324	0.342	0.351	4.93#
46) T Dibromomethane	0.181	0.187	0.177	0.176	0.160	0.171	0.175	5.28
47) T Bromodichlorometh	0.477	0.485	0.470	0.478	0.447	0.469	0.471	2.80
48) T Methyl methacryla	0.185	0.192	0.195	0.202	0.195	0.219	0.198	5.88
49) T 1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	4.21
50) S Toluene-d8	1.316	1.209	1.277	1.332	1.242	1.307	1.280	3.70
51) T 4-Methyl-2-Pentan	0.215	0.207	0.209	0.209	0.198	0.221	0.210	3.72
52) CM Toluene	0.895	0.901	0.910	0.908	0.846	0.878	0.890	2.73#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.461	0.464	0.463	0.486	0.462	0.496	0.472	3.18
54) T	cis-1,3-Dichlorop	0.512	0.512	0.533	0.546	0.515	0.557	0.529	3.67
55) T	1,1,2-Trichloroet	0.260	0.259	0.251	0.248	0.229	0.246	0.249	4.54
56) T	Ethyl methacrylat	0.289	0.272	0.302	0.323	0.308	0.349	0.307	8.68
57) T	1,3-Dichloropropa	0.453	0.465	0.439	0.440	0.409	0.439	0.441	4.29
58) T	2-Chloroethyl Vin	0.137	0.126	0.135	0.143	0.144	0.151	0.139	6.38
59) T	2-Hexanone	0.139	0.136	0.145	0.145	0.135	0.155	0.142	5.08
60) T	Dibromochlorometh	0.298	0.304	0.305	0.305	0.284	0.308	0.301	2.89
61) T	1,2-Dibromoethane	0.240	0.247	0.234	0.234	0.203	0.233	0.232	6.49
62) S	4-Bromofluorobenz	0.493	0.440	0.473	0.491	0.463	0.482	0.474	4.22
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.360	0.377	0.359	0.351	0.338	0.344	0.355	3.95
65) PM	Chlorobenzene	1.075	1.095	1.047	1.072	1.040	1.039	1.061	2.13
66) T	1,1,1,2-Tetrachlo	0.380	0.383	0.377	0.390	0.377	0.386	0.382	1.34
67) C	Ethyl Benzene	1.804	1.840	1.895	1.949	1.906	1.911	1.884	2.80#
68) T	m/p-Xylenes	0.698	0.670	0.721	0.742	0.715	0.724	0.712	3.50
69) T	o-Xylene	0.639	0.624	0.671	0.694	0.680	0.691	0.667	4.32
70) T	Styrene	1.053	1.035	1.140	1.193	1.144	1.167	1.122	5.65
71) P	Bromoform	0.198	0.201	0.202	0.206	0.197	0.213	0.203	2.82
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.320	3.272	3.386	3.633	3.552	3.642	3.467	4.68
74) T	N-amyl acetate	0.751	0.745	0.748	0.799	0.783	0.886	0.785	6.88
75) P	1,1,2,2-Tetrachlo	0.581	0.611	0.561	0.577	0.539	0.587	0.576	4.19
76) T	1,2,3-Trichloropr	0.507	0.426	0.423	0.405	0.377	0.420	0.426	10.24
77) T	Bromobenzene	0.810	0.865	0.779	0.828	0.784	0.811	0.813	3.89
78) T	n-propylbenzene	4.105	3.975	4.170	4.415	4.241	4.281	4.198	3.61
79) T	2-Chlorotoluene	2.399	2.352	2.404	2.513	2.428	2.477	2.429	2.38
80) T	1,3,5-Trimethylbe	2.973	2.792	3.035	3.194	3.024	3.071	3.015	4.38
81) T	trans-1,4-Dichlor	0.183	0.185	0.184	0.190	0.187	0.206	0.189	4.62
82) T	4-Chlorotoluene	2.536	2.514	2.555	2.668	2.526	2.597	2.566	2.25
83) T	tert-Butylbenzene	2.421	2.364	2.494	2.660	2.619	2.640	2.533	4.93
84) T	1,2,4-Trimethylbe	2.972	2.809	3.054	3.266	3.037	3.118	3.043	4.99
85) T	sec-Butylbenzene	3.624	3.489	3.648	3.813	3.745	3.724	3.674	3.09
86) T	p-Isopropyltoluen	3.235	3.034	3.324	3.471	3.340	3.352	3.293	4.49
87) T	1,3-Dichlorobenze	1.702	1.742	1.650	1.684	1.600	1.592	1.662	3.54
88) T	1,4-Dichlorobenze	1.687	1.792	1.625	1.662	1.566	1.585	1.653	4.95
89) T	n-Butylbenzene	3.014	2.981	3.117	3.227	3.139	3.157	3.106	2.98
90) T	Hexachloroethane	0.587	0.619	0.582	0.604	0.592	0.596	0.597	2.28
91) T	1,2-Dichlorobenze	1.460	1.558	1.465	1.487	1.399	1.432	1.467	3.68
92) T	1,2-Dibromo-3-Chl	0.110	0.124	0.106	0.103	0.102	0.114	0.110	7.37
93) T	1,2,4-Trichlorobe	1.012	1.057	1.028	1.078	1.043	1.061	1.046	2.25
94) T	Hexachlorobutadie	0.705	0.709	0.690	0.674	0.657	0.633	0.678	4.31
95) T	Naphthalene	1.624	1.580	1.695	1.856	1.834	1.972	1.760	8.59
96) T	1,2,3-Trichlorobe	0.898	0.917	0.925	0.951	0.908	0.934	0.922	2.04

(#) = Out of Range