

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SFAMVLM020620W.M
 Title : VOC Analysis
 Last Update : Fri Feb 07 01:20:56 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV014511.D 10 =VV014512.D 50 =VV014513.D
 100 =VV014514.D 200 =VV014515.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.422	0.389	0.398	0.405	0.389	0.401	3.43
3) T	Chloromethane	0.438	0.407	0.403	0.405	0.375	0.406	5.49
4) S	Vinyl Chloride-d3	0.270	0.270	0.273	0.279	0.264	0.271	1.96
5) T	Vinyl chloride	0.329	0.313	0.306	0.311	0.295	0.311	3.93
6) T	Bromomethane	0.158	0.140	0.139	0.145	0.133	0.143	6.52
7) S	Chloroethane-d5	0.192	0.188	0.186	0.192	0.176	0.187	3.49
8) T	Chloroethane	0.168	0.159	0.152	0.152	0.141	0.154	6.45
9) T	Trichlorofluorometh	0.425	0.417	0.417	0.425	0.409	0.418	1.61
10) T	1,1,2-Trichloro-1,2	0.210	0.208	0.196	0.201	0.189	0.201	4.36
11) S	1,1-Dichloroethene-	0.421	0.416	0.411	0.416	0.396	0.412	2.33
12) T	1,1-Dichloroethene	0.208	0.196	0.189	0.188	0.180	0.192	5.37
13) T	Acetone	0.218	0.170	0.163	0.167	0.158	0.175	13.92
14) T	Carbon disulfide	0.960	0.932	0.926	0.940	0.907	0.933	2.09
15) T	Methyl Acetate	0.325	0.321	0.348	0.350	0.341	0.337	3.96
16) T	Methylene chloride	0.393	0.372	0.355	0.361	0.345	0.365	5.02
17) T	trans-1,2-Dichloroe	0.346	0.335	0.340	0.346	0.326	0.339	2.50
18) T	Methyl tert-butyl E	1.097	1.054	1.077	1.090	1.043	1.072	2.14
19) T	1,1-Dichloroethane	0.621	0.597	0.608	0.613	0.589	0.605	2.08
20) T	cis-1,2-Dichloroeth	0.396	0.368	0.383	0.388	0.370	0.381	3.11
21) S	2-Butanone-d5	0.178	0.188	0.225	0.231	0.224	0.209	11.71
22) T	2-Butanone	0.257	0.232	0.271	0.275	0.261	0.259	6.52
23) T	Bromochloromethane	0.178	0.176	0.182	0.185	0.181	0.180	2.02
24) S	Chloroform-d	0.580	0.596	0.632	0.653	0.628	0.618	4.74
25) T	Chloroform	0.638	0.601	0.620	0.622	0.597	0.616	2.71
26) S	1,2-Dichloroethane-	0.358	0.361	0.385	0.401	0.380	0.377	4.67
27) T	1,2-Dichloroethane	0.460	0.440	0.468	0.473	0.452	0.459	2.82

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.631	0.608	0.620	0.621	0.594	0.615	2.28
30) T	1,1,1-Trichloroetha	0.568	0.552	0.578	0.588	0.566	0.571	2.38
31) T	Carbon tetrachlorid	0.502	0.486	0.504	0.517	0.508	0.503	2.26
32) S	Benzene-d6	1.301	1.386	1.418	1.447	1.370	1.385	4.00
33) T	Benzene	1.457	1.463	1.494	1.502	1.434	1.470	1.90
34) T	Trichloroethene	0.402	0.390	0.385	0.393	0.378	0.390	2.33
35) T	Methylcyclohexane	0.680	0.626	0.632	0.636	0.610	0.637	4.05
36) S	1,2-Dichloropropane	0.393	0.417	0.436	0.449	0.428	0.425	5.02
37) T	1,2-Dichloropropane	0.383	0.360	0.377	0.384	0.368	0.374	2.72
38) T	Bromodichloromethan	0.508	0.475	0.508	0.519	0.503	0.502	3.26
39) T	cis-1,3-Dichloropro	0.582	0.599	0.632	0.663	0.646	0.625	5.31
40) T	4-Methyl-2-pentanone	0.464	0.460	0.501	0.506	0.489	0.484	4.38
41) S	Toluene-d8	1.192	1.248	1.317	1.344	1.274	1.275	4.67
42) T	Toluene	1.620	1.556	1.583	1.600	1.522	1.576	2.43
43) S	trans-1,3-Dichlorop	0.208	0.221	0.234	0.242	0.233	0.228	5.90
44) T	trans-1,3-Dichlorop	0.545	0.536	0.572	0.584	0.562	0.560	3.53
45) T	1,1,2-Trichloroetha	0.372	0.349	0.361	0.364	0.351	0.359	2.63
46) T	Tetrachloroethene	0.311	0.289	0.298	0.300	0.288	0.297	3.14
47) S	2-Hexanone-d5	0.156	0.157	0.194	0.201	0.195	0.181	12.14
48) T	2-Hexanone	0.348	0.332	0.401	0.399	0.382	0.372	8.25
49) T	Dibromochloromethan	0.400	0.381	0.410	0.423	0.414	0.406	3.99
50) T	1,2-Dibromoethane	0.394	0.369	0.395	0.397	0.391	0.389	2.93
51) T	Chlorobenzene	1.058	1.037	1.028	1.031	0.993	1.029	2.29
52) T	Ethylbenzene	1.797	1.762	1.787	1.788	1.703	1.767	2.16

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.710	0.681	0.680	0.683	0.651	0.681	3.07
54) T	o-Xylene	0.675	0.645	0.661	0.659	0.618	0.652	3.28
55) T	Styrene	1.128	1.062	1.149	1.146	1.084	1.114	3.49
56) S	1,1,2,2-Tetrachloro	0.507	0.538	0.570	0.582	0.558	0.551	5.34
57) T	1,1,2,2-Tetrachloro	0.555	0.543	0.579	0.578	0.560	0.563	2.71

58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.543	0.512	0.565	0.584	0.585	0.558	5.48
60)	Isopropylbenzene	3.484	3.327	3.377	3.453	3.266	3.381	2.64
61)	1,2,3-Trichloroprop	0.897	0.846	0.899	0.905	0.879	0.885	2.70
62)	1,3,5-Trimethylbenz	2.920	2.815	2.908	2.994	2.836	2.895	2.48
63)	1,2,4-Trimethylbenz	2.897	2.749	2.873	2.948	2.801	2.854	2.76
64) T	1,3-Dichlorobenzene	1.654	1.572	1.581	1.616	1.551	1.595	2.55
65) T	1,4-Dichlorobenzene	1.732	1.639	1.615	1.652	1.572	1.642	3.58
66) S	1,2-Dichlorobenzene	0.948	0.948	0.947	1.002	0.949	0.959	2.52
67) T	1,2-Dichlorobenzene	1.636	1.513	1.520	1.567	1.497	1.546	3.64
68) T	1,2-Dibromo-3-chlor	0.224	0.238	0.253	0.262	0.262	0.248	6.61
69)	1,3,5-Trichlorobenz	1.135	1.075	1.120	1.161	1.127	1.124	2.79
70) T	1,2,4-trichlorobenz	0.987	0.961	1.054	1.088	1.069	1.032	5.30
71)	Naphthalene	3.371	3.135	3.419	3.558	3.461	3.389	4.66
72) T	1,2,3-Trichlorobenz	0.982	0.936	1.010	1.056	1.028	1.002	4.58

(#) = Out of Range