

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SFAMULM020620W.M
 Title : VOC Analysis
 Last Update : Fri Feb 07 04:39:15 2020
 Response Via : Initial Calibration

Calibration Files

5 =VU036679.D 10 =VU036680.D 50 =VU036681.D
 100 =VU036682.D 200 =VU036683.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.351	0.337	0.345	0.347	0.348	0.345	1.58
3) T	Chloromethane	0.416	0.397	0.406	0.405	0.422	0.409	2.37
4) S	Vinyl Chloride-d3	0.322	0.317	0.335	0.344	0.349	0.333	4.06
5) T	Vinyl chloride	0.458	0.423	0.445	0.432	0.446	0.441	3.05
6) T	Bromomethane	0.292	0.266	0.269	0.270	0.285	0.276	4.20
7) S	Chloroethane-d5	0.308	0.300	0.309	0.313	0.316	0.309	1.96
8) T	Chloroethane	0.308	0.267	0.279	0.269	0.276	0.280	5.86
9) T	Trichlorofluorometh	0.537	0.503	0.526	0.523	0.530	0.524	2.50
10) T	1,1,2-Trichloro-1,2	0.329	0.303	0.313	0.311	0.312	0.314	2.92
11) S	1,1-Dichloroethene-	0.619	0.587	0.633	0.650	0.659	0.630	4.54
12) T	1,1-Dichloroethene	0.312	0.284	0.314	0.305	0.312	0.305	4.04
13) T	Acetone	0.365	0.306	0.295	0.278	0.266	0.302	12.76
14) T	Carbon disulfide	0.925	0.860	0.917	0.920	0.942	0.913	3.42
15) T	Methyl Acetate	0.437	0.419	0.457	0.429	0.443	0.437	3.27
16) T	Methylene chloride	0.408	0.363	0.375	0.367	0.373	0.377	4.71
17) T	trans-1,2-Dichloroe	0.329	0.310	0.326	0.326	0.333	0.325	2.71
18) T	Methyl tert-butyl E	1.171	1.063	1.134	1.125	1.146	1.128	3.56
19) T	1,1-Dichloroethane	0.664	0.617	0.653	0.644	0.660	0.648	2.88
20) T	cis-1,2-Dichloroeth	0.366	0.350	0.377	0.374	0.384	0.370	3.59
21) S	2-Butanone-d5	0.273	0.278	0.251	0.305	0.316	0.284	9.25
22) T	2-Butanone	0.381	0.347	0.364	0.347	0.354	0.359	4.04
23) T	Bromochloromethane	0.176	0.168	0.175	0.173	0.176	0.174	2.06
24) S	Chloroform-d	0.568	0.568	0.597	0.639	0.645	0.603	6.21
25) T	Chloroform	0.653	0.590	0.651	0.620	0.634	0.630	4.14
26) S	1,2-Dichloroethane-	0.412	0.389	0.415	0.423	0.426	0.413	3.51
27) T	1,2-Dichloroethane	0.549	0.508	0.534	0.526	0.530	0.530	2.79
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.672	0.627	0.641	0.639	0.632	0.642	2.73
30) T	1,1,1-Trichloroetha	0.539	0.510	0.538	0.537	0.532	0.531	2.29
31) T	Carbon tetrachlorid	0.448	0.399	0.435	0.435	0.433	0.430	4.28
32) S	Benzene-d6	1.259	1.276	1.324	1.369	1.345	1.315	3.52
33) T	Benzene	1.571	1.460	1.531	1.506	1.493	1.512	2.76
34) T	Trichloroethene	0.376	0.367	0.373	0.379	0.375	0.374	1.15
35) T	Methylcyclohexane	0.697	0.627	0.652	0.671	0.647	0.659	3.99
36) S	1,2-Dichloropropane	0.417	0.420	0.440	0.455	0.450	0.436	3.99
37) T	1,2-Dichloropropane	0.419	0.394	0.412	0.407	0.407	0.408	2.22
38) T	Bromodichloromethan	0.494	0.470	0.500	0.504	0.511	0.496	3.20
39) T	cis-1,3-Dichloropro	0.624	0.624	0.657	0.672	0.682	0.652	4.15
40) T	4-Methyl-2-pentanone	0.630	0.603	0.665	0.649	0.675	0.644	4.42
41) S	Toluene-d8	1.140	1.147	1.206	1.268	1.259	1.204	5.01
42) T	Toluene	1.681	1.572	1.638	1.644	1.635	1.634	2.41
43) S	trans-1,3-Dichlorop	0.189	0.192	0.211	0.223	0.228	0.209	8.49
44) T	trans-1,3-Dichlorop	0.540	0.528	0.581	0.591	0.607	0.569	5.93
45) T	1,1,2-Trichloroetha	0.382	0.363	0.378	0.367	0.370	0.372	2.09
46) T	Tetrachloroethene	0.285	0.256	0.259	0.259	0.253	0.262	4.95
47) S	2-Hexanone-d5	0.210	0.232	0.259	0.265	0.280	0.249	11.13
48) T	2-Hexanone	0.529	0.472	0.536	0.534	0.557	0.526	6.08
49) T	Dibromochloromethan	0.355	0.331	0.373	0.375	0.386	0.364	5.89
50) T	1,2-Dibromoethane	0.387	0.371	0.396	0.396	0.404	0.391	3.23
51) T	Chlorobenzene	1.023	0.942	0.974	0.989	0.992	0.984	2.98
52) T	Ethylbenzene	1.821	1.697	1.799	1.829	1.833	1.796	3.17

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.650	0.629	0.674	0.679	0.680	0.662	3.39
54) T	o-xylene	0.665	0.619	0.653	0.668	0.675	0.656	3.37
55) T	Styrene	1.010	1.003	1.111	1.151	1.194	1.094	7.77
56) S	1,1,2,2-Tetrachloro	0.582	0.593	0.650	0.681	0.709	0.643	8.48
57) T	1,1,2,2-Tetrachloro	0.652	0.627	0.680	0.683	0.708	0.670	4.64
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.528	0.515	0.568	0.561	0.590	0.552	5.52
60) T	1,2,3-Trichloroprop	1.268	1.147	1.182	1.128	1.155	1.176	4.66
61) T	Isopropylbenzene	3.890	3.642	3.781	3.650	3.652	3.723	2.95
62) T	1,3,5-Trimethylbenz	3.256	3.040	3.255	3.186	3.223	3.192	2.81
63) T	1,2,4-Trimethylbenz	3.269	3.009	3.255	3.175	3.229	3.187	3.32
64) T	1,3-Dichlorobenzene	1.587	1.531	1.566	1.560	1.585	1.566	1.45
65) T	1,4-Dichlorobenzene	1.642	1.522	1.574	1.547	1.596	1.576	2.92
66) S	1,2-Dichlorobenzene	0.908	0.876	0.898	0.922	0.939	0.908	2.59
67) T	1,2-Dichlorobenzene	1.677	1.545	1.578	1.544	1.582	1.585	3.43
68) T	1,2-Dibromo-3-chlor	0.322	0.316	0.343	0.342	0.357	0.336	5.02
69) T	1,3,5-Trichlorobenz	1.077	1.043	1.085	1.101	1.123	1.086	2.73
70) T	1,2,4-trichlorobenz	0.788	0.848	0.917	0.967	1.006	0.905	9.73
71) T	Naphthalene	2.346	2.762	3.407	3.581	3.860	3.191	19.47
72) T	1,2,3-Trichlorobenz	0.801	0.873	0.907	0.949	0.981	0.902	7.75

(#) = Out of Range