

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM103119WMA.M
 Title : VOC Analysis
 Last Update : Thu Oct 31 00:06:59 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU035557.D 10 =VU035563.D 50 =VU035559.D
 100 =VU035560.D 200 =VU035561.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.430	0.398	0.393	0.345	0.383	0.390	7.84
3) T	Chloromethane	0.470	0.438	0.430	0.376	0.411	0.425	8.16
4) S	Vinyl Chloride-d3	0.442	0.383	0.414	0.367	0.413	0.404	7.29
5) T	Vinyl chloride	0.504	0.466	0.455	0.405	0.455	0.457	7.75
6) T	Bromomethane	0.231	0.253	0.217	0.215	0.241	0.232	6.91
7) S	Chloroethane-d5	0.360	0.311	0.332	0.289	0.320	0.323	8.14
8) T	Chloroethane	0.302	0.275	0.264	0.233	0.255	0.266	9.56
9) T	Trichlorofluorometh	0.594	0.560	0.546	0.480	0.529	0.542	7.74
10) T	1,1,2-Trichloro-1,2	0.337	0.330	0.315	0.273	0.301	0.311	8.18
11) S	1,1-Dichloroethene-	0.675	0.625	0.640	0.563	0.637	0.628	6.52
12) T	1,1-Dichloroethene	0.326	0.319	0.310	0.270	0.302	0.305	7.19
13) T	Acetone	0.248	0.215	0.206	0.178	0.191	0.208	12.88
14) T	Carbon disulfide	1.071	0.983	0.918	0.817	0.916	0.941	9.98
15) T	Methyl Acetate	0.390	0.404	0.375	0.336	0.376	0.376	6.74
16) T	Methylene chloride	0.418	0.394	0.370	0.324	0.358	0.373	9.60
17) T	trans-1,2-Dichloroe	0.352	0.331	0.319	0.285	0.321	0.322	7.48
18) T	Methyl tert-butyl E	0.964	0.994	0.988	0.896	1.019	0.972	4.81
19) T	1,1-Dichloroethane	0.678	0.643	0.626	0.547	0.607	0.620	7.85
20) T	cis-1,2-Dichloroeth	0.364	0.380	0.366	0.331	0.372	0.363	5.13
21) S	2-Butanone-d5	0.228	0.237	0.238	0.220	0.255	0.236	5.58
22) T	2-Butanone	0.273	0.283	0.277	0.251	0.285	0.274	4.98
23) T	Bromochloromethane	0.203	0.206	0.192	0.169	0.188	0.192	7.53
24) S	Chloroform-d	0.679	0.618	0.635	0.560	0.627	0.624	6.83
25) T	Chloroform	0.705	0.651	0.636	0.556	0.603	0.630	8.77
26) S	1,2-Dichloroethane-	0.432	0.378	0.384	0.339	0.376	0.382	8.70
27) T	1,2-Dichloroethane	0.498	0.479	0.462	0.411	0.451	0.460	7.16

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.498	0.509	0.527	0.480	0.536	0.510	4.37
30) T	1,1,1-Trichloroetha	0.584	0.552	0.527	0.460	0.504	0.526	8.96
31) T	Carbon tetrachlorid	0.505	0.493	0.470	0.416	0.453	0.467	7.54
32) S	Benzene-d6	1.402	1.284	1.341	1.189	1.301	1.303	6.04
33) T	Benzene	1.538	1.446	1.426	1.250	1.366	1.405	7.56
34) T	Trichloroethene	0.397	0.374	0.353	0.314	0.348	0.357	8.69
35) T	Methylcyclohexane	0.514	0.509	0.535	0.489	0.546	0.519	4.30
36) S	1,2-Dichloropropane	0.465	0.409	0.435	0.380	0.424	0.423	7.42
37) T	1,2-Dichloropropane	0.396	0.394	0.386	0.338	0.368	0.376	6.49
38) T	Bromodichloromethan	0.532	0.496	0.477	0.420	0.467	0.478	8.58
39) T	cis-1,3-Dichloropro	0.525	0.542	0.584	0.536	0.610	0.559	6.44
40) T	4-Methyl-2-pentanone	0.522	0.507	0.497	0.461	0.530	0.503	5.37
41) S	Toluene-d8	1.263	1.195	1.287	1.136	1.265	1.229	5.11
42) T	Toluene	1.453	1.510	1.537	1.358	1.506	1.473	4.82
43) S	trans-1,3-Dichlorop	0.189	0.187	0.201	0.183	0.212	0.195	6.17
44) T	trans-1,3-Dichlorop	0.493	0.515	0.526	0.481	0.549	0.513	5.25
45) T	1,1,2-Trichloroetha	0.398	0.378	0.361	0.316	0.350	0.361	8.51
46) T	Tetrachloroethene	0.322	0.319	0.299	0.260	0.294	0.299	8.26
47) S	2-Hexanone-d5	0.136	0.146	0.165	0.165	0.198	0.162	14.75
48) T	2-Hexanone	0.444	0.463	0.360	0.362	0.418	0.409	11.48
49) T	Dibromochloromethan	0.434	0.419	0.404	0.366	0.412	0.407	6.27
50) T	1,2-Dibromoethane	0.394	0.404	0.388	0.349	0.389	0.385	5.49
51) T	Chlorobenzene	1.050	1.014	0.977	0.883	0.992	0.983	6.35
52) T	Ethylbenzene	1.538	1.558	1.620	1.474	1.683	1.574	5.07

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.540	0.575	0.619	0.569	0.651	0.591	7.41
54) T	o-xylene	0.523	0.559	0.609	0.558	0.638	0.577	7.86
55) T	Styrene	0.819	0.892	1.023	0.954	1.103	0.958	11.55
56) T	Isopropylbenzene	1.289	1.373	1.532	1.416	1.647	1.451	9.65
57) S	1,1,2,2-Tetrachloro	0.649	0.606	0.599	0.533	0.620	0.601	7.09
58) T	1,1,2,2-Tetrachloro	0.668	0.636	0.618	0.553	0.632	0.621	6.84
59)	1,2,3-Trichloroprop	0.542	0.505	0.480	0.434	0.493	0.491	8.01
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	1.005	0.852	0.692	0.600	0.664	0.763	21.50
62) T	1,3-Dichlorobenzene	1.820	1.669	1.514	1.356	1.528	1.577	11.10
63) T	1,4-Dichlorobenzene	1.941	1.701	1.496	1.358	1.515	1.602	14.06
64) S	1,2-Dichlorobenzene	1.174	1.109	0.956	0.847	0.957	1.008	13.04
65) T	1,2-Dichlorobenzene	1.946	1.701	1.522	1.354	1.506	1.606	14.09
66) T	1,2-Dibromo-3-chlor	0.292	0.268	0.225	0.211	0.249	0.249	12.97
67)	1,3,5-Trichlorobenz	0.947	0.825	0.882	0.876	1.025	0.911	8.46
68) T	1,2,4-trichlorobenz	0.614	0.507	0.538	0.598	0.795	0.610	18.31
69)	Naphthalene	1.436	1.361	1.197	1.567	2.267	1.566	26.45
70) T	1,2,3-Trichlorobenz	0.708	0.603	0.581	0.615	0.782	0.658	12.87

(#) = Out of Range