

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM042319WMA.M
 Title : VOC Analysis
 Last Update : Tue Apr 23 03:43:18 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU031398.D 10 =VU031399.D 50 =VU031400.D
 100 =VU031401.D 200 =VU031402.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.309	0.387	0.368	0.354	0.352	0.354	8.14
3) T	Chloromethane	0.433	0.501	0.455	0.437	0.435	0.452	6.31
4) S	Vinyl Chloride-d3	0.421	0.388	0.412	0.405	0.400	0.405	3.07
5) T	Vinyl chloride	0.397	0.485	0.462	0.443	0.439	0.445	7.30
6) T	Bromomethane	0.227	0.285	0.269	0.260	0.259	0.260	8.20
7) S	Chloroethane-d5	0.306	0.304	0.313	0.310	0.309	0.308	1.10
8) T	Chloroethane	0.225	0.277	0.264	0.252	0.251	0.254	7.55
9) T	Trichlorofluorometh	0.461	0.576	0.564	0.536	0.532	0.534	8.42
10) T	1,1,2-Trichloro-1,2	0.255	0.341	0.329	0.314	0.310	0.310	10.71
11) S	1,1-Dichloroethene-	0.695	0.710	0.723	0.702	0.693	0.705	1.76
12) T	1,1-Dichloroethene	0.263	0.321	0.323	0.308	0.308	0.305	8.01
13) T	Acetone	0.225	0.271	0.245	0.229	0.219	0.238	8.65
14) T	Carbon disulfide	0.809	0.997	0.941	0.913	0.911	0.914	7.47
15) T	Methyl Acetate	0.376	0.467	0.441	0.441	0.447	0.434	7.93
16) T	Methylene chloride	0.306	0.374	0.362	0.343	0.349	0.347	7.41
17) T	trans-1,2-Dichloroe	0.265	0.336	0.332	0.316	0.322	0.314	9.11
18) T	Methyl tert-butyl E	0.864	1.089	1.085	1.050	1.078	1.033	9.27
19) T	1,1-Dichloroethane	0.519	0.672	0.642	0.615	0.622	0.614	9.41
20) T	cis-1,2-Dichloroeth	0.302	0.384	0.371	0.359	0.366	0.356	8.84
21) S	2-Butanone-d5	0.260	0.289	0.315	0.325	0.326	0.303	9.33
22) T	2-Butanone	0.229	0.317	0.336	0.330	0.329	0.308	14.53
23) T	Bromochloromethane	0.154	0.196	0.184	0.180	0.180	0.179	8.69
24) S	Chloroform-d	0.662	0.620	0.656	0.641	0.648	0.646	2.53
25) T	Chloroform	0.486	0.647	0.630	0.595	0.601	0.592	10.60
26) S	1,2-Dichloroethane-	0.391	0.382	0.399	0.379	0.383	0.387	2.08
27) T	1,2-Dichloroethane	0.366	0.487	0.461	0.445	0.449	0.441	10.25

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.497	0.637	0.660	0.620	0.620	0.607	10.42
30) T	1,1,1-Trichloroetha	0.463	0.569	0.568	0.532	0.533	0.533	8.04
31) T	Carbon tetrachlorid	0.380	0.495	0.489	0.456	0.462	0.456	10.05
32) S	Benzene-d6	1.471	1.416	1.486	1.420	1.430	1.444	2.20
33) T	Benzene	1.284	1.544	1.526	1.435	1.446	1.447	7.12
34) T	Trichloroethene	0.370	0.417	0.390	0.371	0.369	0.383	5.35
35) T	Methylcyclohexane	0.479	0.592	0.587	0.564	0.582	0.561	8.38
36) S	1,2-Dichloropropane	0.461	0.452	0.479	0.464	0.467	0.465	2.16
37) T	1,2-Dichloropropane	0.322	0.414	0.404	0.393	0.394	0.385	9.47
38) T	Bromodichloromethan	0.402	0.496	0.502	0.479	0.485	0.473	8.59
39) T	cis-1,3-Dichloropro	0.411	0.602	0.631	0.620	0.620	0.577	16.19
40) T	4-Methyl-2-pentanone	0.482	0.622	0.625	0.598	0.603	0.586	10.16
41) S	Toluene-d8	1.266	1.261	1.330	1.294	1.300	1.290	2.16
42) T	Toluene	1.260	1.569	1.618	1.530	1.530	1.502	9.30
43) S	trans-1,3-Dichlorop	0.191	0.197	0.221	0.223	0.227	0.212	7.78
44) T	trans-1,3-Dichlorop	0.376	0.514	0.534	0.525	0.539	0.497	13.81
45) T	1,1,2-Trichloroetha	0.306	0.375	0.370	0.360	0.359	0.354	7.90
46) T	Tetrachloroethene	0.223	0.285	0.290	0.280	0.281	0.272	10.16
47) S	2-Hexanone-d5	0.216	0.211	0.251	0.242	0.245	0.233	7.77
48) T	2-Hexanone	0.356	0.476	0.500	0.475	0.479	0.457	12.57
49) T	Dibromochloromethan	0.313	0.380	0.398	0.388	0.399	0.376	9.55
50) T	1,2-Dibromoethane	0.293	0.394	0.401	0.382	0.390	0.372	12.01
51) T	Chlorobenzene	0.802	0.992	0.986	0.936	0.943	0.932	8.24
52) T	Ethylbenzene	1.312	1.691	1.717	1.650	1.674	1.609	10.42

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.460	0.595	0.637	0.620	0.624	0.587	12.40
54) T	o-xylene	0.457	0.617	0.641	0.618	0.618	0.590	12.73
55) T	Styrene	0.739	0.969	1.068	1.063	1.068	0.982	14.44
56) T	Isopropylbenzene	1.141	1.554	1.662	1.610	1.614	1.516	14.06
57) S	1,1,2,2-Tetrachloro	0.620	0.594	0.659	0.640	0.640	0.631	3.91
58) T	1,1,2,2-Tetrachloro	0.524	0.659	0.643	0.614	0.616	0.611	8.52
59)	1,2,3-Trichloroprop	0.406	0.512	0.506	0.476	0.479	0.476	8.81

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.513	0.687	0.626	0.609	0.639	0.615	10.39
62) T	1,3-Dichlorobenzene	1.242	1.555	1.512	1.496	1.516	1.464	8.61
63) T	1,4-Dichlorobenzene	1.179	1.566	1.523	1.490	1.545	1.461	10.94
64) S	1,2-Dichlorobenzene	1.063	1.010	1.028	0.995	1.015	1.022	2.53
65) T	1,2-Dichlorobenzene	1.273	1.627	1.553	1.508	1.523	1.497	8.90
66) T	1,2-Dibromo-3-chlor	0.228	0.285	0.296	0.292	0.282	0.277	10.01
67)	1,3,5-Trichlorobenz	0.810	1.128	1.149	1.126	1.182	1.079	14.10
68) T	1,2,4-trichlorobenz	0.510	0.800	0.951	1.009	1.067	0.867	25.73
69)	Naphthalene	2.023	2.778	3.323	3.448	3.508	3.016	20.74
70) T	1,2,3-Trichlorobenz	0.619	0.914	1.026	1.049	1.062	0.934	19.84

(#) = Out of Range