

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM081219WMA.M
 Title : VOC Analysis
 Last Update : Mon Aug 12 14:15:51 2019
 Response Via : Initial Calibration

Calibration Files

5 =VV012199.D 10 =VV012205.D 50 =VV012201.D
 100 =VV012202.D 200 =VV012203.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.479	0.377	0.453	0.437	0.415	0.432	8.94
3) T	Chloromethane	0.446	0.353	0.411	0.405	0.395	0.402	8.26
4) S	Vinyl Chloride-d3	0.321	0.322	0.318	0.352	0.332	0.329	4.19
5) T	Vinyl chloride	0.456	0.359	0.417	0.411	0.396	0.408	8.61
6) T	Bromomethane	0.245	0.200	0.229	0.230	0.215	0.224	7.66
7) S	Chloroethane-d5	0.274	0.303	0.276	0.303	0.283	0.288	5.03
8) T	Chloroethane	0.257	0.198	0.238	0.235	0.221	0.230	9.45
9) T	Trichlorofluorometh	0.611	0.472	0.555	0.534	0.510	0.537	9.63
10) T	1,1,2-Trichloro-1,2	0.349	0.265	0.317	0.301	0.285	0.303	10.62
11) S	1,1-Dichloroethene-	0.600	0.618	0.609	0.645	0.609	0.616	2.79
12) T	1,1-Dichloroethene	0.332	0.251	0.297	0.287	0.273	0.288	10.40
13) T	Acetone	0.332	0.177	0.222	0.223	0.197	0.230	26.07
14) T	Carbon disulfide	1.075	0.838	0.935	0.918	0.881	0.929	9.64
15) T	Methyl Acetate	0.409	0.315	0.364	0.384	0.383	0.371	9.41
16) T	Methylene chloride	0.401	0.311	0.364	0.357	0.345	0.356	9.17
17) T	trans-1,2-Dichloroe	0.385	0.293	0.344	0.339	0.330	0.338	9.68
18) T	Methyl tert-butyl E	1.062	0.854	1.036	1.060	1.038	1.010	8.70
19) T	1,1-Dichloroethane	0.677	0.530	0.637	0.622	0.596	0.612	8.94
20) T	cis-1,2-Dichloroeth	0.402	0.320	0.381	0.386	0.375	0.373	8.30
21) S	2-Butanone-d5	0.230	0.300	0.286	0.310	0.329	0.291	12.98
22) T	2-Butanone	0.333	0.220	0.290	0.298	0.293	0.287	14.25
23) T	Bromochloromethane	0.217	0.174	0.194	0.196	0.189	0.194	8.01
24) S	Chloroform-d	0.700	0.748	0.733	0.797	0.756	0.747	4.68
25) T	Chloroform	0.703	0.593	0.659	0.644	0.614	0.643	6.56
26) S	1,2-Dichloroethane-	0.439	0.497	0.458	0.504	0.478	0.475	5.67
27) T	1,2-Dichloroethane	0.521	0.417	0.497	0.490	0.470	0.479	8.17

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.569	0.486	0.614	0.612	0.583	0.573	9.16
30) T	1,1,1-Trichloroetha	0.624	0.499	0.581	0.584	0.554	0.569	8.12
31) T	Carbon tetrachlorid	0.550	0.435	0.530	0.527	0.504	0.509	8.79
32) S	Benzene-d6	1.425	1.613	1.553	1.712	1.581	1.577	6.58
33) T	Benzene	1.537	1.225	1.491	1.488	1.396	1.427	8.70
34) T	Trichloroethene	0.436	0.325	0.381	0.382	0.361	0.377	10.77
35) T	Methylcyclohexane	0.621	0.505	0.658	0.649	0.617	0.610	10.05
36) S	1,2-Dichloropropane	0.434	0.496	0.483	0.534	0.498	0.489	7.43
37) T	1,2-Dichloropropane	0.388	0.321	0.372	0.373	0.357	0.362	7.05
38) T	Bromodichloromethan	0.517	0.410	0.509	0.507	0.486	0.486	9.03
39) T	cis-1,3-Dichloropro	0.543	0.457	0.590	0.640	0.620	0.570	12.76
40) T	4-Methyl-2-pentanone	0.480	0.408	0.506	0.556	0.543	0.499	11.77
41) S	Toluene-d8	1.249	1.421	1.423	1.584	1.463	1.428	8.40
42) T	Toluene	1.574	1.293	1.619	1.605	1.516	1.521	8.77
43) S	trans-1,3-Dichlorop	0.208	0.244	0.238	0.276	0.268	0.247	10.80
44) T	trans-1,3-Dichlorop	0.517	0.416	0.547	0.565	0.554	0.520	11.66
45) T	1,1,2-Trichloroetha	0.379	0.311	0.366	0.373	0.354	0.357	7.55
46) T	Tetrachloroethene	0.356	0.281	0.333	0.325	0.309	0.321	8.67
47) S	2-Hexanone-d5	0.134	0.198	0.214	0.259	0.263	0.214	24.53
48) T	2-Hexanone	0.430	0.330	0.415	0.442	0.433	0.410	11.15
49) T	Dibromochloromethan	0.406	0.329	0.425	0.432	0.418	0.402	10.51
50) T	1,2-Dibromoethane	0.399	0.325	0.395	0.403	0.388	0.382	8.40
51) T	Chlorobenzene	1.070	0.895	1.042	1.046	0.995	1.010	6.93
52) T	Ethylbenzene	1.708	1.372	1.782	1.799	1.712	1.675	10.39

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.645	0.508	0.700	0.698	0.673	0.645	12.33
54) T	o-xylene	0.588	0.513	0.676	0.689	0.657	0.625	11.73
55) T	Styrene	1.014	0.853	1.167	1.183	1.140	1.071	12.97
56) T	Isopropylbenzene	1.622	1.304	1.758	1.797	1.718	1.640	12.11
57) S	1,1,2,2-Tetrachloro	0.633	0.709	0.682	0.784	0.748	0.711	8.22
58) T	1,1,2,2-Tetrachloro	0.623	0.494	0.598	0.619	0.598	0.586	9.04
59)	1,2,3-Trichloroprop	0.491	0.396	0.458	0.476	0.459	0.456	7.95

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.597	0.494	0.586	0.601	0.595	0.575	7.91
62) T	1,3-Dichlorobenzene	1.785	1.437	1.620	1.606	1.540	1.598	7.98
63) T	1,4-Dichlorobenzene	1.883	1.465	1.643	1.623	1.546	1.632	9.61
64) S	1,2-Dichlorobenzene	1.110	1.297	1.131	1.248	1.182	1.193	6.59
65) T	1,2-Dichlorobenzene	1.840	1.421	1.623	1.595	1.519	1.600	9.72
66) T	1,2-Dibromo-3-chlor	0.263	0.212	0.240	0.256	0.260	0.246	8.50
67)	1,3,5-Trichlorobenz	1.308	1.052	1.246	1.240	1.217	1.212	7.92
68) T	1,2,4-trichlorobenz	0.979	0.807	1.034	1.078	1.105	1.001	11.81
69)	Naphthalene	2.467	1.969	3.045	3.406	3.465	2.871	22.35
70) T	1,2,3-Trichlorobenz	1.131	0.846	1.089	1.108	1.100	1.055	11.17

(#) = Out of Range