

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM090119WMA.M
 Title : VOC Analysis
 Last Update : Mon Sep 02 03:50:54 2019
 Response Via : Initial Calibration

Calibration Files

5 =VV012502.D 10 =VV012503.D 50 =VV012504.D
 100 =VV012505.D 200 =VV012506.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.414	0.449	0.408	0.418	0.387	0.415	5.41
3) T	Chloromethane	0.542	0.565	0.515	0.521	0.501	0.529	4.72
4) S	Vinyl Chloride-d3	0.327	0.344	0.328	0.333	0.322	0.331	2.58
5) T	Vinyl chloride	0.561	0.582	0.544	0.559	0.525	0.554	3.83
6) T	Bromomethane	0.368	0.439	0.449	0.534	0.503	0.459	13.94
7) S	Chloroethane-d5	0.346	0.369	0.379	0.358	0.347	0.360	3.94
8) T	Chloroethane	0.393	0.435	0.426	0.404	0.386	0.409	5.13
9) T	Trichlorofluorometh	0.793	0.886	0.820	0.825	0.799	0.825	4.47
10) T	1,1,2-Trichloro-1,2	0.483	0.508	0.475	0.480	0.464	0.482	3.37
11) S	1,1-Dichloroethene-	0.873	0.931	0.879	0.914	0.904	0.900	2.69
12) T	1,1-Dichloroethene	0.436	0.495	0.451	0.463	0.454	0.460	4.72
13) T	Acetone	0.302	0.309	0.304	0.289	0.276	0.296	4.57
14) T	Carbon disulfide	0.947	1.051	0.966	1.008	0.995	0.993	4.02
15) T	Methyl Acetate	0.407	0.452	0.440	0.462	0.449	0.442	4.80
16) T	Methylene chloride	0.394	0.441	0.390	0.399	0.386	0.402	5.52
17) T	trans-1,2-Dichloroe	0.339	0.374	0.349	0.363	0.364	0.358	3.81
18) T	Methyl tert-butyl E	0.935	1.066	1.094	1.187	1.194	1.095	9.62
19) T	1,1-Dichloroethane	0.683	0.748	0.716	0.738	0.723	0.722	3.44
20) T	cis-1,2-Dichloroeth	0.364	0.399	0.392	0.410	0.405	0.394	4.54
21) S	2-Butanone-d5	0.240	0.262	0.280	0.303	0.306	0.278	9.93
22) T	2-Butanone	0.289	0.321	0.345	0.355	0.342	0.331	7.95
23) T	Bromochloromethane	0.204	0.207	0.186	0.194	0.188	0.196	4.80
24) S	Chloroform-d	0.659	0.700	0.679	0.696	0.698	0.686	2.55
25) T	Chloroform	0.732	0.784	0.725	0.739	0.727	0.742	3.32
26) S	1,2-Dichloroethane-	0.410	0.447	0.444	0.455	0.452	0.442	4.11
27) T	1,2-Dichloroethane	0.582	0.642	0.621	0.635	0.622	0.620	3.70
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.521	0.588	0.623	0.685	0.675	0.618	10.85
30) T	1,1,1-Trichloroetha	0.561	0.633	0.583	0.620	0.605	0.600	4.84
31) T	Carbon tetrachlorid	0.509	0.543	0.494	0.530	0.521	0.519	3.67
32) S	Benzene-d6	1.079	1.193	1.174	1.241	1.231	1.184	5.44
33) T	Benzene	1.475	1.609	1.550	1.629	1.580	1.568	3.84
34) T	Trichloroethene	0.441	0.441	0.402	0.420	0.413	0.424	4.12
35) T	Methylcyclohexane	0.508	0.593	0.630	0.683	0.678	0.618	11.63
36) S	1,2-Dichloropropane	0.413	0.440	0.408	0.444	0.439	0.429	3.95
37) T	1,2-Dichloropropane	0.411	0.463	0.414	0.433	0.425	0.429	4.82
38) T	Bromodichloromethan	0.523	0.587	0.549	0.580	0.570	0.562	4.63
39) T	cis-1,3-Dichloropro	0.473	0.563	0.586	0.690	0.701	0.603	15.71
40) T	4-Methyl-2-pentanone	0.460	0.547	0.602	0.676	0.656	0.588	14.87
41) S	Toluene-d8	0.928	1.071	1.123	1.211	1.204	1.107	10.46
42) T	Toluene	1.372	1.633	1.675	1.779	1.734	1.639	9.72
43) S	trans-1,3-Dichlorop	0.163	0.179	0.184	0.211	0.222	0.192	12.62
44) T	trans-1,3-Dichlorop	0.402	0.505	0.536	0.616	0.632	0.538	17.29
45) T	1,1,2-Trichloroetha	0.377	0.412	0.373	0.398	0.390	0.390	4.01
46) T	Tetrachloroethene	0.270	0.300	0.280	0.297	0.296	0.289	4.62
47) S	2-Hexanone-d5	0.116	0.135	0.174	0.202	0.214	0.168	24.91
48) T	2-Hexanone	0.343	0.386	0.504	0.548	0.508	0.458	19.31
49) T	Dibromochloromethan	0.348	0.400	0.391	0.428	0.433	0.400	8.55
50) T	1,2-Dibromoethane	0.348	0.398	0.382	0.412	0.411	0.390	6.81
51) T	Chlorobenzene	0.958	1.078	1.007	1.074	1.066	1.037	5.07
52) T	Ethylbenzene	1.479	1.674	1.810	1.990	1.963	1.783	11.90

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.487	0.613	0.652	0.719	0.717	0.638	14.95
54) T	o-xylene	0.465	0.580	0.642	0.717	0.715	0.624	16.89
55) T	Styrene	0.782	0.955	1.116	1.245	1.240	1.068	18.62
56) T	Isopropylbenzene	1.245	1.547	1.710	1.919	1.897	1.664	16.76
57) S	1,1,2,2-Tetrachloro	0.535	0.587	0.596	0.649	0.653	0.604	8.10
58) T	1,1,2,2-Tetrachloro	0.502	0.590	0.592	0.634	0.624	0.588	8.86
59)	1,2,3-Trichloroprop	0.475	0.520	0.506	0.537	0.517	0.511	4.44
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.551	0.563	0.535	0.570	0.585	0.561	3.36
62) T	1,3-Dichlorobenzene	1.442	1.595	1.559	1.648	1.617	1.572	5.07
63) T	1,4-Dichlorobenzene	1.617	1.720	1.562	1.647	1.644	1.638	3.50
64) S	1,2-Dichlorobenzene	0.914	0.999	0.937	0.991	1.004	0.969	4.21
65) T	1,2-Dichlorobenzene	1.553	1.695	1.574	1.641	1.620	1.616	3.46
66) T	1,2-Dibromo-3-chlor	0.301	0.306	0.261	0.274	0.283	0.285	6.55
67)	1,3,5-Trichlorobenz	0.942	1.041	1.028	1.127	1.162	1.060	8.22
68) T	1,2,4-trichlorobenz	0.598	0.692	0.835	0.981	1.050	0.831	22.82
69)	Naphthalene	1.225	1.523	2.588	3.263	3.490	2.418	41.96
70) T	1,2,3-Trichlorobenz	0.612	0.722	0.916	1.019	1.063	0.866	22.36

(#) = Out of Range