

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM032620WMA.M
 Title : VOC Analysis
 Last Update : Thu Mar 26 14:43:49 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV015166.D 10 =VV015167.D 50 =VV015168.D
 100 =VV015169.D 200 =VV015170.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.522	0.447	0.425	0.403	0.408	0.441	10.91
3) T	Chloromethane	0.540	0.510	0.462	0.447	0.438	0.479	9.15
4) S	Vinyl Chloride-d3	0.276	0.275	0.263	0.264	0.263	0.268	2.48
5) T	Vinyl chloride	0.558	0.506	0.471	0.456	0.462	0.491	8.64
6) T	Bromomethane	0.359	0.327	0.302	0.294	0.301	0.317	8.41
7) S	Chloroethane-d5	0.278	0.283	0.268	0.264	0.259	0.270	3.72
8) T	Chloroethane	0.375	0.344	0.306	0.288	0.292	0.321	11.68
9) T	Trichlorofluorometh	0.860	0.764	0.827	0.772	0.826	0.810	5.03
10) T	1,1,2-Trichloro-1,2	0.475	0.418	0.384	0.375	0.397	0.410	9.74
11) S	1,1-Dichloroethene-	0.630	0.628	0.593	0.588	0.620	0.612	3.24
12) T	1,1-Dichloroethene	0.457	0.414	0.381	0.371	0.393	0.403	8.46
13) T	Acetone	0.249	0.187	0.164	0.165	0.158	0.185	20.20
14) T	Carbon disulfide	1.190	1.036	0.986	0.963	0.995	1.034	8.80
15) T	Methyl Acetate	0.456	0.379	0.363	0.361	0.354	0.382	10.98
16) T	Methylene chloride	0.425	0.384	0.363	0.351	0.358	0.376	7.92
17) T	trans-1,2-Dichloroe	0.403	0.356	0.334	0.327	0.331	0.350	9.04
18) T	Methyl tert-butyl E	1.344	1.212	1.138	1.103	1.108	1.181	8.54
19) T	1,1-Dichloroethane	0.758	0.655	0.621	0.597	0.607	0.647	10.11
20) T	cis-1,2-Dichloroeth	0.458	0.388	0.369	0.363	0.374	0.390	10.04
21) S	2-Butanone-d5	0.255	0.254	0.273	0.280	0.273	0.267	4.39
22) T	2-Butanone	0.398	0.274	0.263	0.260	0.259	0.291	20.68
23) T	Bromochloromethane	0.209	0.191	0.180	0.178	0.186	0.189	6.47
24) S	Chloroform-d	0.568	0.604	0.592	0.589	0.586	0.588	2.20
25) T	Chloroform	0.736	0.699	0.647	0.621	0.631	0.667	7.30
26) S	1,2-Dichloroethane-	0.380	0.415	0.382	0.384	0.379	0.388	3.86
27) T	1,2-Dichloroethane	0.603	0.542	0.512	0.492	0.495	0.529	8.75

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.696	0.651	0.587	0.552	0.574	0.612	9.79
30) T	1,1,1-Trichloroetha	0.712	0.673	0.609	0.574	0.598	0.633	9.03
31) T	Carbon tetrachlorid	0.598	0.556	0.509	0.489	0.508	0.532	8.33
32) S	Benzene-d6	1.012	1.099	1.009	1.001	1.021	1.028	3.91
33) T	Benzene	1.700	1.549	1.423	1.362	1.409	1.489	9.19
34) T	Trichloroethene	0.425	0.406	0.373	0.360	0.375	0.388	6.92
35) T	Methylcyclohexane	0.740	0.669	0.625	0.584	0.605	0.644	9.59
36) S	1,2-Dichloropropane	0.375	0.400	0.361	0.357	0.362	0.371	4.72
37) T	1,2-Dichloropropane	0.432	0.407	0.363	0.345	0.355	0.381	9.74
38) T	Bromodichloromethan	0.613	0.569	0.509	0.496	0.510	0.539	9.28
39) T	cis-1,3-Dichloropro	0.702	0.634	0.624	0.599	0.622	0.636	6.10
40) T	4-Methyl-2-pentanone	0.646	0.612	0.553	0.527	0.532	0.574	9.16
41) S	Toluene-d8	0.937	0.953	0.927	0.915	0.928	0.932	1.49
42) T	Toluene	1.882	1.706	1.602	1.539	1.575	1.661	8.32
43) S	trans-1,3-Dichlorop	0.198	0.204	0.202	0.199	0.207	0.202	1.79
44) T	trans-1,3-Dichlorop	0.668	0.637	0.604	0.585	0.611	0.621	5.21
45) T	1,1,2-Trichloroetha	0.401	0.403	0.355	0.346	0.358	0.373	7.32
46) T	Tetrachloroethene	0.271	0.262	0.257	0.247	0.266	0.261	3.57
47) S	2-Hexanone-d5	0.205	0.227	0.213	0.219	0.219	0.217	3.75
48) T	2-Hexanone	0.509	0.478	0.434	0.422	0.422	0.453	8.62
49) T	Dibromochloromethan	0.445	0.407	0.395	0.394	0.412	0.410	5.02
50) T	1,2-Dibromoethane	0.441	0.416	0.395	0.382	0.394	0.406	5.70
51) T	Chlorobenzene	1.187	1.094	1.024	0.982	1.017	1.061	7.68
52) T	Ethylbenzene	2.072	1.922	1.821	1.747	1.794	1.871	6.90

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.783	0.715	0.703	0.672	0.696	0.714	5.82
54) T	o-xylene	0.794	0.744	0.693	0.669	0.684	0.717	7.19
55) T	Styrene	1.338	1.203	1.189	1.155	1.181	1.213	5.92
56) T	Isopropylbenzene	1.981	1.882	1.818	1.744	1.780	1.841	5.08
57) S	1,1,2,2-Tetrachloro	0.642	0.658	0.625	0.607	0.618	0.630	3.19
58) T	1,1,2,2-Tetrachloro	0.702	0.671	0.600	0.575	0.592	0.628	8.82
59)	1,2,3-Trichloroprop	0.565	0.531	0.491	0.468	0.473	0.506	8.17
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.623	0.568	0.555	0.551	0.584	0.576	5.05
62) T	1,3-Dichlorobenzene	1.888	1.708	1.619	1.568	1.600	1.676	7.70
63) T	1,4-Dichlorobenzene	1.947	1.724	1.617	1.579	1.600	1.694	9.01
64) S	1,2-Dichlorobenzene	0.941	0.977	0.920	0.907	0.923	0.934	2.91
65) T	1,2-Dichlorobenzene	1.944	1.767	1.631	1.564	1.592	1.700	9.25
66) T	1,2-Dibromo-3-chlor	0.460	0.404	0.353	0.334	0.337	0.378	14.33
67)	1,3,5-Trichlorobenz	1.184	1.042	1.034	1.025	1.080	1.073	6.13
68) T	1,2,4-trichlorobenz	1.120	1.004	0.981	0.980	1.031	1.023	5.68
69)	Naphthalene	4.515	4.138	3.972	3.901	3.962	4.098	6.09
70) T	1,2,3-Trichlorobenz	1.064	1.025	1.006	0.986	1.042	1.025	2.98

(#) = Out of Range