

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM080319WMA.M
 Title : VOC Analysis
 Last Update : Mon Aug 05 17:10:43 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU033581.D 10 =VU033582.D 50 =VU033583.D
 100 =VU033584.D 200 =VU033585.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.367	0.509	0.435	0.443	0.438	0.438	11.51
3) T	Chloromethane	0.374	0.541	0.454	0.446	0.441	0.451	13.14
4) S	Vinyl Chloride-d3	0.311	0.383	0.333	0.352	0.351	0.346	7.67
5) T	Vinyl chloride	0.404	0.554	0.481	0.486	0.490	0.483	11.01
6) T	Bromomethane	0.268	0.382	0.424	0.341	0.321	0.347	17.09
7) S	Chloroethane-d5	0.279	0.354	0.316	0.449	0.424	0.365	19.58
8) T	Chloroethane	0.294	0.360	0.308	0.450	0.473	0.377	21.60
9) T	Trichlorofluorometh	0.564	0.749	0.647	0.643	0.661	0.653	10.10
10) T	1,1,2-Trichloro-1,2	0.287	0.382	0.325	0.328	0.327	0.330	10.24
11) S	1,1-Dichloroethene-	0.574	0.713	0.628	0.663	0.649	0.645	7.89
12) T	1,1-Dichloroethene	0.270	0.360	0.303	0.315	0.316	0.313	10.33
13) T	Acetone	0.263	0.328	0.261	0.243	0.226	0.264	14.63
14) T	Carbon disulfide	0.807	1.041	0.900	0.907	0.911	0.913	9.12
15) T	Methyl Acetate	0.320	0.479	0.416	0.417	0.416	0.409	13.91
16) T	Methylene chloride	0.319	0.425	0.363	0.366	0.361	0.367	10.28
17) T	trans-1,2-Dichloroe	0.282	0.371	0.322	0.328	0.335	0.328	9.76
18) T	Methyl tert-butyl E	0.783	1.128	1.043	1.080	1.111	1.029	13.74
19) T	1,1-Dichloroethane	0.528	0.722	0.634	0.634	0.643	0.632	10.94
20) T	cis-1,2-Dichloroeth	0.304	0.399	0.375	0.384	0.390	0.371	10.28
21) S	2-Butanone-d5	0.205	0.278	0.271	0.293	0.287	0.267	13.27
22) T	2-Butanone	0.241	0.330	0.328	0.333	0.327	0.312	12.73
23) T	Bromochloromethane	0.165	0.221	0.192	0.193	0.192	0.193	10.19
24) S	Chloroform-d	0.565	0.705	0.629	0.666	0.646	0.642	8.02
25) T	Chloroform	0.558	0.768	0.670	0.666	0.658	0.664	11.22
26) S	1,2-Dichloroethane-	0.361	0.450	0.391	0.411	0.400	0.403	8.09
27) T	1,2-Dichloroethane	0.418	0.574	0.521	0.528	0.517	0.512	11.16

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.374	0.552	0.522	0.560	0.586	0.519	16.24
30) T	1,1,1-Trichloroetha	0.459	0.640	0.557	0.571	0.583	0.562	11.66
31) T	Carbon tetrachlorid	0.404	0.544	0.495	0.500	0.522	0.493	10.81
32) S	Benzene-d6	1.048	1.357	1.256	1.348	1.338	1.270	10.24
33) T	Benzene	1.140	1.557	1.419	1.453	1.479	1.410	11.28
34) T	Trichloroethene	0.326	0.415	0.356	0.364	0.383	0.369	8.93
35) T	Methylcyclohexane	0.400	0.561	0.571	0.597	0.634	0.552	16.25
36) S	1,2-Dichloropropane	0.347	0.438	0.390	0.427	0.428	0.406	9.35
37) T	1,2-Dichloropropane	0.310	0.445	0.391	0.393	0.402	0.388	12.59
38) T	Bromodichloromethan	0.412	0.560	0.496	0.507	0.524	0.500	10.94
39) T	cis-1,3-Dichloropro	0.446	0.605	0.596	0.634	0.663	0.589	14.24
40) T	4-Methyl-2-pentanone	0.424	0.589	0.568	0.595	0.621	0.560	13.99
41) S	Toluene-d8	0.908	1.239	1.178	1.289	1.285	1.180	13.43
42) T	Toluene	1.121	1.643	1.527	1.583	1.635	1.502	14.51
43) S	trans-1,3-Dichlorop	0.152	0.203	0.193	0.215	0.219	0.197	13.67
44) T	trans-1,3-Dichlorop	0.393	0.563	0.532	0.571	0.599	0.531	15.28
45) T	1,1,2-Trichloroetha	0.302	0.413	0.364	0.373	0.379	0.366	11.00
46) T	Tetrachloroethene	0.249	0.326	0.292	0.303	0.314	0.297	10.03
47) S	2-Hexanone-d5	0.127	0.187	0.198	0.227	0.239	0.196	22.38
48) T	2-Hexanone	0.328	0.479	0.459	0.493	0.503	0.452	15.80
49) T	Dibromochloromethan	0.325	0.459	0.413	0.427	0.445	0.414	12.76
50) T	1,2-Dibromoethane	0.331	0.445	0.394	0.408	0.422	0.400	10.72
51) T	Chlorobenzene	0.852	1.115	0.970	1.003	1.031	0.994	9.67
52) T	Ethylbenzene	1.188	1.672	1.641	1.732	1.804	1.607	15.08

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.410	0.638	0.632	0.668	0.682	0.606	18.40
54) T	o-xylene	0.416	0.616	0.618	0.661	0.682	0.599	17.65
55) T	Styrene	0.672	1.032	1.064	1.137	1.191	1.019	19.97
56) T	Isopropylbenzene	1.092	1.591	1.605	1.713	1.792	1.559	17.55
57) S	1,1,2,2-Tetrachloro	0.536	0.678	0.607	0.657	0.657	0.627	9.11
58) T	1,1,2,2-Tetrachloro	0.555	0.744	0.661	0.676	0.698	0.667	10.48
59)	1,2,3-Trichloroprop	0.449	0.575	0.521	0.524	0.534	0.521	8.75
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.500	0.685	0.589	0.618	0.639	0.606	11.36
62) T	1,3-Dichlorobenzene	1.261	1.679	1.464	1.533	1.545	1.496	10.22
63) T	1,4-Dichlorobenzene	1.379	1.781	1.507	1.542	1.568	1.555	9.35
64) S	1,2-Dichlorobenzene	0.862	1.003	0.882	0.955	0.952	0.931	6.22
65) T	1,2-Dichlorobenzene	1.275	1.677	1.488	1.552	1.555	1.509	9.81
66) T	1,2-Dibromo-3-chlor	0.251	0.337	0.295	0.304	0.309	0.299	10.39
67)	1,3,5-Trichlorobenz	0.997	1.256	1.133	1.196	1.242	1.165	9.06
68) T	1,2,4-trichlorobenz	0.741	0.954	0.984	1.084	1.147	0.982	15.84
69)	Naphthalene	2.034	2.635	2.972	3.315	3.465	2.884	19.88
70) T	1,2,3-Trichlorobenz	0.872	1.054	1.038	1.124	1.149	1.047	10.36

(#) = Out of Range