

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM080319WMA.M
 Title : VOC Analysis
 Last Update : Mon Aug 05 06:49:51 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU033587.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	0.569	0.509	0.435	0.443	0.438	0.479	12.36
3) T	Chloromethane	0.589	0.541	0.454	0.446	0.441	0.494	13.53
4) S	Vinyl Chloride-d3	0.337	0.383	0.333	0.352	0.351	0.351	5.61
5) T	Vinyl chloride	0.604	0.554	0.481	0.486	0.490	0.523	10.37
6) T	Bromomethane	0.394	0.382	0.424	0.341	0.321	0.372	11.14
7) S	Chloroethane-d5	0.309	0.354	0.316	0.449	0.424	0.370	17.14
8) T	Chloroethane	0.368	0.360	0.308	0.450	0.473	0.392	17.43
9) T	Trichlorofluorometh	0.830	0.749	0.647	0.643	0.661	0.706	11.59
10) T	1,1,2-Trichloro-1,2	0.421	0.382	0.325	0.328	0.327	0.356	12.19
11) S	1,1-Dichloroethene-	0.679	0.713	0.628	0.663	0.649	0.667	4.83
12) T	1,1-Dichloroethene	0.403	0.360	0.303	0.315	0.316	0.339	12.32
13) T	Acetone	0.300	0.328	0.261	0.243	0.226	0.271	15.41
14) T	Carbon disulfide	1.269	1.041	0.900	0.907	0.911	1.006	15.75
15) T	Methyl Acetate	0.487	0.479	0.416	0.417	0.416	0.443	8.21
16) T	Methylene chloride	0.463	0.425	0.363	0.366	0.361	0.396	11.66
17) T	trans-1,2-Dichloroe	0.416	0.371	0.322	0.328	0.335	0.355	11.14
18) T	Methyl tert-butyl E	1.228	1.128	1.043	1.080	1.111	1.118	6.20
19) T	1,1-Dichloroethane	0.789	0.722	0.634	0.634	0.643	0.684	10.13
20) T	cis-1,2-Dichloroeth	0.471	0.399	0.375	0.384	0.390	0.404	9.48
21) S	2-Butanone-d5	0.246	0.278	0.271	0.293	0.287	0.275	6.58
22) T	2-Butanone	0.325	0.330	0.328	0.333	0.327	0.328	0.95
23) T	Bromochloromethane	0.232	0.221	0.192	0.193	0.192	0.206	9.33
24) S	Chloroform-d	0.625	0.705	0.629	0.666	0.646	0.654	5.00
25) T	Chloroform	0.843	0.768	0.670	0.666	0.658	0.721	11.31
26) S	1,2-Dichloroethane-	0.410	0.450	0.391	0.411	0.400	0.413	5.47
27) T	1,2-Dichloroethane	0.633	0.574	0.521	0.528	0.517	0.555	8.88

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.617	0.552	0.522	0.560	0.586	0.568	6.32
30) T	1,1,1-Trichloroetha	0.696	0.640	0.557	0.571	0.583	0.609	9.51
31) T	Carbon tetrachlorid	0.592	0.544	0.495	0.500	0.522	0.531	7.40
32) S	Benzene-d6	1.244	1.357	1.256	1.348	1.338	1.309	4.14
33) T	Benzene	1.654	1.557	1.419	1.453	1.479	1.512	6.21
34) T	Trichloroethene	0.470	0.415	0.356	0.364	0.383	0.398	11.62
35) T	Methylcyclohexane	0.649	0.561	0.571	0.597	0.634	0.602	6.37
36) S	1,2-Dichloropropane	0.412	0.438	0.390	0.427	0.428	0.419	4.49
37) T	1,2-Dichloropropane	0.453	0.445	0.391	0.393	0.402	0.417	7.21
38) T	Bromodichloromethan	0.611	0.560	0.496	0.507	0.524	0.539	8.68
39) T	cis-1,3-Dichloropro	0.674	0.605	0.596	0.634	0.663	0.634	5.44
40) T	4-Methyl-2-pentanone	0.633	0.589	0.568	0.595	0.621	0.601	4.28
41) S	Toluene-d8	1.081	1.239	1.178	1.289	1.285	1.214	7.16
42) T	Toluene	1.782	1.643	1.527	1.583	1.635	1.634	5.82
43) S	trans-1,3-Dichlorop	0.192	0.203	0.193	0.215	0.219	0.205	6.00
44) T	trans-1,3-Dichlorop	0.631	0.563	0.532	0.571	0.599	0.579	6.47
45) T	1,1,2-Trichloroetha	0.460	0.413	0.364	0.373	0.379	0.398	9.88
46) T	Tetrachloroethene	0.364	0.326	0.292	0.303	0.314	0.320	8.77
47) S	2-Hexanone-d5	0.157	0.187	0.198	0.227	0.239	0.202	16.27
48) T	2-Hexanone	0.491	0.479	0.459	0.493	0.503	0.485	3.41
49) T	Dibromochloromethan	0.502	0.459	0.413	0.427	0.445	0.449	7.65
50) T	1,2-Dibromoethane	0.484	0.445	0.394	0.408	0.422	0.430	8.21
51) T	Chlorobenzene	1.236	1.115	0.970	1.003	1.031	1.071	9.96
52) T	Ethylbenzene	1.860	1.672	1.641	1.732	1.804	1.742	5.22

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.696	0.638	0.632	0.668	0.682	0.663	4.17
54) T	o-xylene	0.689	0.616	0.618	0.661	0.682	0.653	5.33
55) T	Styrene	1.128	1.032	1.064	1.137	1.191	1.110	5.66
56) T	Isopropylbenzene	1.766	1.591	1.605	1.713	1.792	1.693	5.41
57) S	1,1,2,2-Tetrachloro	0.643	0.678	0.607	0.657	0.657	0.648	4.09
58) T	1,1,2,2-Tetrachloro	0.786	0.744	0.661	0.676	0.698	0.713	7.21
59)	1,2,3-Trichloroprop	0.664	0.575	0.521	0.524	0.534	0.564	10.67
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.732	0.685	0.589	0.618	0.639	0.653	8.67
62) T	1,3-Dichlorobenzene	1.970	1.679	1.464	1.533	1.545	1.638	12.29
63) T	1,4-Dichlorobenzene	2.016	1.781	1.507	1.542	1.568	1.683	12.78
64) S	1,2-Dichlorobenzene	1.047	1.003	0.882	0.955	0.952	0.968	6.37
65) T	1,2-Dichlorobenzene	1.939	1.677	1.488	1.552	1.555	1.642	10.94
66) T	1,2-Dibromo-3-chlor	0.340	0.337	0.295	0.304	0.309	0.317	6.48
67)	1,3,5-Trichlorobenz	1.483	1.256	1.133	1.196	1.242	1.262	10.53
68) T	1,2,4-trichlorobenz	1.130	0.954	0.984	1.084	1.147	1.060	8.19
69)	Naphthalene	2.988	2.635	2.972	3.315	3.465	3.075	10.55
70) T	1,2,3-Trichlorobenz	1.305	1.054	1.038	1.124	1.149	1.134	9.38

(#) = Out of Range