

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM061719WMA.M
 Title : VOC Analysis
 Last Update : Tue Jun 18 02:39:23 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU032771.D 10 =VU032772.D 50 =VU032777.D
 100 =VU032774.D 200 =VU032775.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.512	0.529	0.504	0.489	0.491	0.505	3.24
3) T	Chloromethane	0.459	0.480	0.453	0.448	0.449	0.458	2.87
4) S	Vinyl Chloride-d3	0.342	0.345	0.341	0.340	0.340	0.342	0.66
5) T	Vinyl chloride	0.448	0.473	0.454	0.448	0.447	0.454	2.46
6) T	Bromomethane	0.253	0.271	0.270	0.261	0.280	0.267	3.96
7) S	Chloroethane-d5	0.267	0.277	0.276	0.272	0.271	0.273	1.53
8) T	Chloroethane	0.261	0.277	0.258	0.255	0.257	0.261	3.41
9) T	Trichlorofluorometh	0.630	0.663	0.640	0.622	0.630	0.637	2.51
10) T	1,1,2-Trichloro-1,2	0.335	0.352	0.332	0.326	0.325	0.334	3.23
11) S	1,1-Dichloroethene-	0.670	0.695	0.687	0.694	0.695	0.688	1.58
12) T	1,1-Dichloroethene	0.311	0.332	0.310	0.311	0.311	0.315	2.96
13) T	Acetone	0.429	0.430	0.385	0.371	0.349	0.393	9.19
14) T	Carbon disulfide	1.022	1.041	0.979	0.970	0.970	0.996	3.31
15) T	Methyl Acetate	0.434	0.471	0.438	0.444	0.439	0.445	3.37
16) T	Methylene chloride	0.361	0.401	0.366	0.363	0.357	0.369	4.84
17) T	trans-1,2-Dichloroe	0.352	0.352	0.337	0.334	0.333	0.341	2.77
18) T	Methyl tert-butyl E	1.044	1.113	1.101	1.107	1.116	1.096	2.69
19) T	1,1-Dichloroethane	0.628	0.677	0.657	0.647	0.646	0.651	2.75
20) T	cis-1,2-Dichloroeth	0.351	0.384	0.371	0.374	0.379	0.372	3.38
21) S	2-Butanone-d5	0.262	0.272	0.288	0.299	0.301	0.284	5.91
22) T	2-Butanone	0.381	0.418	0.410	0.418	0.410	0.407	3.74
23) T	Bromochloromethane	0.174	0.210	0.198	0.194	0.195	0.194	6.54
24) S	Chloroform-d	0.617	0.675	0.673	0.677	0.679	0.664	3.97
25) T	Chloroform	0.658	0.700	0.671	0.665	0.663	0.671	2.52
26) S	1,2-Dichloroethane-	0.425	0.459	0.439	0.444	0.446	0.442	2.77
27) T	1,2-Dichloroethane	0.534	0.554	0.561	0.553	0.554	0.551	1.88

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.575	0.585	0.583	0.587	0.589	0.584	0.95
30) T	1,1,1-Trichloroetha	0.610	0.635	0.610	0.602	0.589	0.609	2.78
31) T	Carbon tetrachlorid	0.536	0.576	0.556	0.552	0.551	0.554	2.58
32) S	Benzene-d6	1.242	1.299	1.335	1.336	1.305	1.303	2.94
33) T	Benzene	1.446	1.496	1.442	1.429	1.389	1.440	2.68
34) T	Trichloroethene	0.400	0.398	0.381	0.373	0.372	0.385	3.51
35) T	Methylcyclohexane	0.574	0.589	0.600	0.609	0.602	0.595	2.36
36) S	1,2-Dichloropropane	0.398	0.415	0.426	0.423	0.415	0.415	2.64
37) T	1,2-Dichloropropane	0.393	0.418	0.395	0.389	0.380	0.395	3.63
38) T	Bromodichloromethan	0.502	0.574	0.531	0.526	0.524	0.531	4.98
39) T	cis-1,3-Dichloropro	0.571	0.597	0.617	0.645	0.648	0.616	5.30
40) T	4-Methyl-2-pentanone	0.601	0.643	0.622	0.642	0.647	0.631	3.08
41) S	Toluene-d8	1.137	1.200	1.245	1.270	1.251	1.221	4.37
42) T	Toluene	1.508	1.598	1.572	1.567	1.547	1.558	2.14
43) S	trans-1,3-Dichlorop	0.195	0.208	0.220	0.227	0.229	0.216	6.48
44) T	trans-1,3-Dichlorop	0.546	0.570	0.584	0.591	0.601	0.578	3.68
45) T	1,1,2-Trichloroetha	0.356	0.392	0.370	0.360	0.361	0.368	3.91
46) T	Tetrachloroethene	0.312	0.327	0.313	0.313	0.311	0.315	2.08
47) S	2-Hexanone-d5	0.169	0.178	0.194	0.211	0.217	0.194	10.67
48) T	2-Hexanone	0.533	0.555	0.558	0.565	0.571	0.557	2.59
49) T	Dibromochloromethan	0.413	0.453	0.445	0.451	0.455	0.443	3.93
50) T	1,2-Dibromoethane	0.390	0.424	0.410	0.411	0.408	0.408	2.98
51) T	Chlorobenzene	1.048	1.061	1.012	1.002	1.004	1.026	2.67
52) T	Ethylbenzene	1.642	1.703	1.730	1.759	1.792	1.725	3.30

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.625	0.639	0.652	0.666	0.671	0.651	2.94
54) T	o-xylene	0.587	0.622	0.641	0.659	0.668	0.636	5.07
55) T	Styrene	0.978	1.061	1.124	1.155	1.195	1.103	7.69
56) T	Isopropylbenzene	1.568	1.681	1.714	1.778	1.824	1.713	5.73
57) S	1,1,2,2-Tetrachloro	0.615	0.629	0.632	0.656	0.677	0.642	3.81
58) T	1,1,2,2-Tetrachloro	0.643	0.688	0.647	0.665	0.683	0.665	3.08
59)	1,2,3-Trichloroprop	0.511	0.548	0.516	0.524	0.538	0.527	2.94
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.657	0.666	0.645	0.637	0.660	0.653	1.81
62) T	1,3-Dichlorobenzene	1.651	1.592	1.520	1.486	1.522	1.554	4.30
63) T	1,4-Dichlorobenzene	1.740	1.644	1.561	1.533	1.548	1.605	5.42
64) S	1,2-Dichlorobenzene	0.992	0.979	0.955	0.954	0.957	0.968	1.78
65) T	1,2-Dichlorobenzene	1.646	1.666	1.553	1.524	1.546	1.587	4.04
66) T	1,2-Dibromo-3-chlor	0.275	0.313	0.301	0.307	0.317	0.303	5.47
67)	1,3,5-Trichlorobenz	1.302	1.267	1.208	1.222	1.244	1.249	3.01
68) T	1,2,4-trichlorobenz	1.042	0.991	1.093	1.107	1.139	1.075	5.41
69)	Naphthalene	2.754	3.030	3.402	3.632	3.700	3.304	12.22
70) T	1,2,3-Trichlorobenz	1.207	1.067	1.135	1.146	1.133	1.138	4.38

(#) = Out of Range