

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM060619WMA.M
 Title : VOC Analysis
 Last Update : Thu Jun 06 04:04:55 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU032457.D 10 =VU032458.D 50 =VU032463.D
 100 =VU032460.D 200 =VU032461.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.447	0.458	0.442	0.451	0.457	0.451	1.47
3) T	Chloromethane	0.426	0.445	0.433	0.436	0.439	0.436	1.63
4) S	Vinyl Chloride-d3	0.319	0.321	0.322	0.327	0.333	0.324	1.80
5) T	Vinyl chloride	0.428	0.442	0.425	0.437	0.444	0.435	1.91
6) T	Bromomethane	0.257	0.266	0.262	0.261	0.251	0.259	2.24
7) S	Chloroethane-d5	0.250	0.257	0.264	0.265	0.268	0.261	2.82
8) T	Chloroethane	0.272	0.265	0.249	0.254	0.253	0.259	3.81
9) T	Trichlorofluorometh	0.595	0.581	0.572	0.591	0.599	0.588	1.87
10) T	1,1,2-Trichloro-1,2	0.300	0.311	0.300	0.306	0.311	0.306	1.77
11) S	1,1-Dichloroethene-	0.614	0.618	0.634	0.646	0.663	0.635	3.19
12) T	1,1-Dichloroethene	0.281	0.301	0.290	0.305	0.307	0.297	3.77
13) T	Acetone	0.293	0.289	0.282	0.275	0.262	0.280	4.40
14) T	Carbon disulfide	0.870	0.898	0.889	0.917	0.934	0.901	2.72
15) T	Methyl Acetate	0.353	0.402	0.416	0.415	0.413	0.400	6.65
16) T	Methylene chloride	0.332	0.335	0.334	0.347	0.345	0.339	2.05
17) T	trans-1,2-Dichloroe	0.313	0.320	0.318	0.326	0.330	0.322	2.04
18) T	Methyl tert-butyl E	1.045	1.043	1.044	1.069	1.081	1.056	1.66
19) T	1,1-Dichloroethane	0.568	0.578	0.581	0.596	0.607	0.586	2.64
20) T	cis-1,2-Dichloroeth	0.355	0.364	0.358	0.367	0.375	0.364	2.13
21) S	2-Butanone-d5	0.231	0.250	0.284	0.294	0.299	0.271	10.93
22) T	2-Butanone	0.284	0.324	0.345	0.350	0.352	0.331	8.63
23) T	Bromochloromethane	0.185	0.183	0.190	0.193	0.195	0.189	2.77
24) S	Chloroform-d	0.578	0.588	0.609	0.618	0.633	0.605	3.67
25) T	Chloroform	0.592	0.595	0.597	0.615	0.624	0.605	2.31
26) S	1,2-Dichloroethane-	0.376	0.369	0.374	0.391	0.395	0.381	3.00
27) T	1,2-Dichloroethane	0.466	0.467	0.472	0.488	0.499	0.478	3.01

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.581	0.621	0.586	0.591	0.595	0.595	2.62
30) T	1,1,1-Trichloroetha	0.541	0.567	0.575	0.570	0.576	0.566	2.53
31) T	Carbon tetrachlorid	0.488	0.534	0.519	0.519	0.534	0.519	3.59
32) S	Benzene-d6	1.269	1.319	1.299	1.287	1.316	1.298	1.58
33) T	Benzene	1.380	1.430	1.398	1.399	1.417	1.405	1.36
34) T	Trichloroethene	0.382	0.405	0.373	0.372	0.378	0.382	3.52
35) T	Methylcyclohexane	0.621	0.643	0.606	0.610	0.614	0.619	2.40
36) S	1,2-Dichloropropane	0.405	0.404	0.403	0.407	0.416	0.407	1.34
37) T	1,2-Dichloropropane	0.363	0.386	0.363	0.368	0.382	0.372	2.92
38) T	Bromodichloromethan	0.442	0.480	0.479	0.490	0.506	0.480	4.89
39) T	cis-1,3-Dichloropro	0.534	0.560	0.584	0.616	0.643	0.588	7.36
40) T	4-Methyl-2-pentanone	0.535	0.571	0.614	0.631	0.643	0.599	7.51
41) S	Toluene-d8	1.202	1.227	1.233	1.238	1.254	1.231	1.56
42) T	Toluene	1.495	1.560	1.534	1.547	1.557	1.539	1.73
43) S	trans-1,3-Dichlorop	0.162	0.180	0.203	0.210	0.219	0.195	11.98
44) T	trans-1,3-Dichlorop	0.448	0.499	0.529	0.553	0.579	0.522	9.73
45) T	1,1,2-Trichloroetha	0.336	0.354	0.357	0.356	0.359	0.352	2.67
46) T	Tetrachloroethene	0.316	0.325	0.311	0.313	0.314	0.316	1.67
47) S	2-Hexanone-d5	0.155	0.168	0.210	0.221	0.233	0.197	17.34
48) T	2-Hexanone	0.444	0.454	0.510	0.523	0.530	0.492	8.23
49) T	Dibromochloromethan	0.363	0.393	0.415	0.430	0.446	0.409	7.97
50) T	1,2-Dibromoethane	0.369	0.402	0.396	0.403	0.412	0.396	4.17
51) T	Chlorobenzene	0.964	0.997	0.983	0.999	1.014	0.991	1.89
52) T	Ethylbenzene	1.650	1.707	1.707	1.740	1.771	1.715	2.61

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.617	0.658	0.649	0.666	0.671	0.652	3.31
54) T	o-xylene	0.622	0.654	0.645	0.652	0.664	0.647	2.43
55) T	Styrene	0.994	1.029	1.100	1.123	1.158	1.081	6.29
56) T	Isopropylbenzene	1.610	1.703	1.716	1.740	1.768	1.707	3.51
57) S	1,1,2,2-Tetrachloro	0.545	0.544	0.602	0.620	0.638	0.590	7.37
58) T	1,1,2,2-Tetrachloro	0.551	0.575	0.605	0.629	0.649	0.602	6.61
59)	1,2,3-Trichloroprop	0.458	0.470	0.486	0.497	0.510	0.484	4.25
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.539	0.563	0.590	0.637	0.651	0.596	7.97
62) T	1,3-Dichlorobenzene	1.508	1.506	1.502	1.533	1.514	1.513	0.81
63) T	1,4-Dichlorobenzene	1.630	1.550	1.486	1.535	1.532	1.547	3.40
64) S	1,2-Dichlorobenzene	0.975	0.942	0.946	0.966	0.959	0.958	1.45
65) T	1,2-Dichlorobenzene	1.527	1.526	1.523	1.544	1.527	1.529	0.55
66) T	1,2-Dibromo-3-chlor	0.207	0.217	0.275	0.287	0.300	0.257	16.52
67)	1,3,5-Trichlorobenz	1.043	1.191	1.161	1.234	1.255	1.177	7.08
68) T	1,2,4-trichlorobenz	0.731	0.917	1.059	1.120	1.157	0.997	17.49
69)	Naphthalene	1.978	2.956	3.379	3.656	3.756	3.145	22.96
70) T	1,2,3-Trichlorobenz	0.816	1.049	1.063	1.127	1.133	1.038	12.49

(#) = Out of Range