

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM012920WMA.M
 Title : VOC Analysis
 Last Update : Fri Jan 31 04:01:38 2020
 Response Via : Initial Calibration

Calibration Files

5 =VU036576.D 10 =VU036577.D 50 =VU036623.D
 100 =VU036579.D 200 =VU036580.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.368	0.418	0.369	0.392	0.358	0.381	6.33
3) T	Chloromethane	0.375	0.460	0.406	0.409	0.377	0.405	8.46
4) S	Vinyl Chloride-d3	0.336	0.411	0.355	0.397	0.373	0.374	8.15
5) T	Vinyl chloride	0.418	0.455	0.429	0.446	0.414	0.432	4.03
6) T	Bromomethane	0.257	0.251	0.249	0.263	0.248	0.254	2.40
7) S	Chloroethane-d5	0.294	0.358	0.308	0.338	0.308	0.321	8.09
8) T	Chloroethane	0.258	0.290	0.258	0.259	0.238	0.261	7.17
9) T	Trichlorofluorometh	0.487	0.556	0.500	0.522	0.477	0.508	6.20
10) T	1,1,2-Trichloro-1,2	0.309	0.347	0.315	0.319	0.291	0.316	6.45
11) S	1,1-Dichloroethene-	0.550	0.659	0.586	0.638	0.594	0.606	7.13
12) T	1,1-Dichloroethene	0.297	0.327	0.307	0.324	0.299	0.311	4.48
13) T	Acetone	0.239	0.254	0.213	0.189	0.181	0.215	14.64
14) T	Carbon disulfide	0.894	1.014	0.917	0.964	0.906	0.939	5.30
15) T	Methyl Acetate	0.301	0.370	0.356	0.342	0.315	0.336	8.46
16) T	Methylene chloride	0.381	0.415	0.377	0.369	0.344	0.377	6.84
17) T	trans-1,2-Dichloroe	0.306	0.364	0.334	0.345	0.321	0.334	6.66
18) T	Methyl tert-butyl E	1.004	1.187	1.093	1.069	0.992	1.069	7.36
19) T	1,1-Dichloroethane	0.562	0.649	0.601	0.605	0.559	0.595	6.18
20) T	cis-1,2-Dichloroeth	0.343	0.412	0.388	0.392	0.363	0.379	7.12
21) S	2-Butanone-d5	0.176	0.248	0.227	0.237	0.223	0.222	12.42
22) T	2-Butanone	0.230	0.289	0.272	0.259	0.242	0.259	9.09
23) T	Bromochloromethane	0.186	0.216	0.199	0.198	0.187	0.197	6.18
24) S	Chloroform-d	0.505	0.692	0.613	0.648	0.609	0.613	11.27
25) T	Chloroform	0.602	0.666	0.611	0.611	0.562	0.610	6.04
26) S	1,2-Dichloroethane-	0.340	0.434	0.380	0.392	0.365	0.382	9.09
27) T	1,2-Dichloroethane	0.443	0.507	0.467	0.452	0.415	0.457	7.42

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.567	0.629	0.552	0.588	0.525	0.572	6.86
30) T	1,1,1-Trichloroetha	0.508	0.569	0.517	0.540	0.491	0.525	5.76
31) T	Carbon tetrachlorid	0.431	0.481	0.447	0.467	0.429	0.451	5.04
32) S	Benzene-d6	1.260	1.561	1.373	1.480	1.358	1.406	8.26
33) T	Benzene	1.464	1.634	1.487	1.516	1.375	1.495	6.27
34) T	Trichloroethene	0.380	0.421	0.374	0.391	0.358	0.385	6.14
35) T	Methylcyclohexane	0.628	0.712	0.624	0.653	0.591	0.642	7.03
36) S	1,2-Dichloropropane	0.383	0.495	0.430	0.460	0.423	0.438	9.55
37) T	1,2-Dichloropropane	0.370	0.411	0.386	0.383	0.349	0.380	6.07
38) T	Bromodichloromethan	0.439	0.518	0.486	0.489	0.454	0.477	6.53
39) T	cis-1,3-Dichloropro	0.534	0.653	0.627	0.646	0.600	0.612	7.84
40) T	4-Methyl-2-pentanone	0.439	0.543	0.498	0.498	0.461	0.488	8.12
41) S	Toluene-d8	1.202	1.491	1.320	1.427	1.326	1.353	8.18
42) T	Toluene	1.557	1.754	1.624	1.666	1.523	1.625	5.63
43) S	trans-1,3-Dichlorop	0.169	0.223	0.209	0.225	0.215	0.208	10.94
44) T	trans-1,3-Dichlorop	0.460	0.584	0.547	0.564	0.530	0.537	8.80
45) T	1,1,2-Trichloroetha	0.371	0.422	0.382	0.381	0.350	0.381	6.93
46) T	Tetrachloroethene	0.308	0.339	0.308	0.317	0.292	0.313	5.52
47) S	2-Hexanone-d5	0.148	0.218	0.211	0.225	0.214	0.203	15.54
48) T	2-Hexanone	0.309	0.385	0.396	0.389	0.355	0.367	9.78
49) T	Dibromochloromethan	0.361	0.427	0.413	0.424	0.392	0.403	6.74
50) T	1,2-Dibromoethane	0.379	0.447	0.422	0.420	0.388	0.411	6.71
51) T	Chlorobenzene	1.005	1.171	1.044	1.077	1.004	1.060	6.47
52) T	Ethylbenzene	1.710	1.914	1.759	1.829	1.688	1.780	5.19

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.644	0.756	0.684	0.720	0.668	0.694	6.33
54) T	o-xylene	0.658	0.749	0.691	0.708	0.657	0.692	5.52
55) T	Styrene	0.989	1.178	1.145	1.191	1.116	1.124	7.21
56) T	Isopropylbenzene	1.654	1.897	1.744	1.822	1.685	1.761	5.67
57) S	1,1,2,2-Tetrachloro	0.538	0.731	0.636	0.676	0.641	0.644	10.97
58) T	1,1,2,2-Tetrachloro	0.594	0.737	0.668	0.666	0.620	0.657	8.28
59)	1,2,3-Trichloroprop	0.479	0.582	0.514	0.514	0.479	0.514	8.21

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.661	0.737	0.660	0.656	0.611	0.665	6.82
62) T	1,3-Dichlorobenzene	1.647	1.912	1.669	1.693	1.563	1.697	7.65
63) T	1,4-Dichlorobenzene	1.593	1.884	1.643	1.687	1.543	1.670	7.85
64) S	1,2-Dichlorobenzene	0.984	1.256	1.032	1.090	1.003	1.073	10.22
65) T	1,2-Dichlorobenzene	1.688	2.004	1.696	1.686	1.523	1.720	10.16
66) T	1,2-Dibromo-3-chlor	0.234	0.300	0.286	0.288	0.265	0.275	9.39
67)	1,3,5-Trichlorobenz	1.003	1.280	1.183	1.238	1.122	1.165	9.29
68) T	1,2,4-trichlorobenz	0.464	0.834	0.897	0.996	0.961	0.830	25.80
69)	Naphthalene	1.007	2.260	2.564	3.115	3.068	2.403	35.71
70) T	1,2,3-Trichlorobenz	0.513	0.916	0.909	1.006	0.934	0.856	22.81

(#) = Out of Range