

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM072320WMA.M
 Title : VOC Analysis
 Last Update : Thu Jul 23 13:03:12 2020
 Response Via : Initial Calibration

Calibration Files

5 =VU039631.D 10 =VU039632.D 50 =VU039633.D
 100 =VU039634.D 200 =VU039635.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.355	0.419	0.328	0.316	0.284	0.341	14.95
3) T	Chloromethane	0.405	0.447	0.332	0.310	0.274	0.354	19.98
4) S	Vinyl Chloride-d3	0.380	0.392	0.302	0.283	0.269	0.326	17.48
5) T	Vinyl chloride	0.397	0.441	0.350	0.319	0.290	0.360	16.83
6) T	Bromomethane	0.266	0.306	0.264	0.255	0.260	0.270	7.56
7) S	Chloroethane-d5	0.400	0.439	0.363	0.362	0.387	0.390	8.17
8) T	Chloroethane	0.285	0.356	0.323	0.318	0.316	0.320	7.89
9) T	Trichlorofluorometh	0.657	0.776	0.636	0.596	0.512	0.635	15.11
10) T	1,1,2-Trichloro-1,2	0.336	0.380	0.289	0.272	0.253	0.306	16.82
11) S	1,1-Dichloroethene-	0.790	0.840	0.630	0.601	0.585	0.689	17.02
12) T	1,1-Dichloroethene	0.307	0.358	0.270	0.252	0.239	0.285	16.89
13) T	Acetone	0.304	0.332	0.231	0.205	0.179	0.250	26.16
14) T	Carbon disulfide	0.978	1.122	0.866	0.834	0.764	0.913	15.37
15) T	Methyl Acetate	0.472	0.554	0.431	0.418	0.365	0.448	15.72
16) T	Methylene chloride	0.386	0.409	0.319	0.315	0.279	0.342	15.77
17) T	trans-1,2-Dichloroe	0.333	0.381	0.308	0.299	0.267	0.317	13.37
18) T	Methyl tert-butyl E	1.011	1.209	1.040	0.985	0.883	1.026	11.55
19) T	1,1-Dichloroethane	0.662	0.746	0.619	0.564	0.507	0.619	14.81
20) T	cis-1,2-Dichloroeth	0.403	0.415	0.361	0.332	0.303	0.363	12.94
21) S	2-Butanone-d5	0.401	0.461	0.349	0.347	0.321	0.376	14.85
22) T	2-Butanone	0.368	0.416	0.359	0.330	0.289	0.352	13.32
23) T	Bromochloromethane	0.188	0.216	0.180	0.172	0.155	0.182	12.31
24) S	Chloroform-d	0.787	0.861	0.688	0.670	0.654	0.732	12.11
25) T	Chloroform	0.749	0.836	0.681	0.620	0.549	0.687	16.21
26) S	1,2-Dichloroethane-	0.597	0.632	0.487	0.461	0.440	0.523	16.38
27) T	1,2-Dichloroethane	0.643	0.672	0.553	0.517	0.463	0.570	15.28
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.529	0.659	0.551	0.504	0.472	0.543	13.11
30) T	1,1,1-Trichloroetha	0.645	0.727	0.603	0.529	0.490	0.599	15.70
31) T	Carbon tetrachlorid	0.490	0.576	0.512	0.466	0.438	0.497	10.48
32) S	Benzene-d6	1.548	1.652	1.305	1.217	1.218	1.388	14.41
33) T	Benzene	1.412	1.682	1.389	1.242	1.166	1.378	14.37
34) T	Trichloroethene	0.369	0.428	0.372	0.335	0.319	0.364	11.50
35) T	Methylcyclohexane	0.564	0.662	0.568	0.527	0.497	0.564	11.04
36) S	1,2-Dichloropropane	0.514	0.543	0.426	0.398	0.394	0.455	15.17
37) T	1,2-Dichloropropane	0.417	0.443	0.368	0.331	0.307	0.373	15.23
38) T	Bromodichloromethan	0.503	0.578	0.501	0.462	0.434	0.495	10.98
39) T	cis-1,3-Dichloropro	0.552	0.645	0.575	0.518	0.497	0.558	10.29
40) T	4-Methyl-2-pentanone	0.660	0.748	0.660	0.613	0.569	0.650	10.27
41) S	Toluene-d8	1.387	1.478	1.237	1.204	1.226	1.306	9.20
42) T	Toluene	1.533	1.754	1.531	1.440	1.319	1.515	10.51
43) S	trans-1,3-Dichlorop	0.238	0.254	0.216	0.220	0.221	0.230	6.81
44) T	trans-1,3-Dichlorop	0.515	0.583	0.568	0.547	0.517	0.546	5.55
45) T	1,1,2-Trichloroetha	0.358	0.424	0.356	0.330	0.312	0.356	11.92
46) T	Tetrachloroethene	0.278	0.319	0.267	0.254	0.261	0.276	9.28
47) S	2-Hexanone-d5	0.239	0.269	0.247	0.243	0.244	0.248	4.80
48) T	2-Hexanone	0.505	0.623	0.545	0.515	0.460	0.530	11.45
49) T	Dibromochloromethan	0.387	0.437	0.403	0.393	0.389	0.402	5.14
50) T	1,2-Dibromoethane	0.390	0.449	0.397	0.384	0.359	0.396	8.38
51) T	Chlorobenzene	0.952	1.130	0.954	0.933	0.866	0.967	10.09
52) T	Ethylbenzene	1.580	1.920	1.710	1.658	1.506	1.675	9.41

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.590	0.708	0.639	0.645	0.574	0.631	8.33
54) T	o-xylene	0.545	0.672	0.626	0.624	0.562	0.606	8.58
55) T	Styrene	0.900	1.150	1.099	1.103	0.990	1.048	9.69
56) T	Isopropylbenzene	1.476	1.850	1.682	1.692	1.523	1.645	9.09
57) S	1,1,2,2-Tetrachloro	0.751	0.811	0.679	0.690	0.674	0.721	8.20
58) T	1,1,2,2-Tetrachloro	0.654	0.759	0.633	0.627	0.569	0.648	10.71
59)	1,2,3-Trichloroprop	0.554	0.635	0.531	0.517	0.470	0.541	11.16
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.545	0.651	0.594	0.593	0.575	0.591	6.52
62) T	1,3-Dichlorobenzene	1.583	1.833	1.510	1.411	1.322	1.532	12.74
63) T	1,4-Dichlorobenzene	1.568	1.814	1.514	1.431	1.345	1.534	11.57
64) S	1,2-Dichlorobenzene	1.191	1.277	1.012	0.998	0.989	1.093	12.11
65) T	1,2-Dichlorobenzene	1.615	1.818	1.538	1.442	1.326	1.548	12.01
66) T	1,2-Dibromo-3-chlor	0.307	0.341	0.336	0.295	0.269	0.310	9.57
67)	1,3,5-Trichlorobenz	1.052	1.266	1.103	1.046	1.056	1.105	8.43
68) T	1,2,4-trichlorobenz	0.751	1.015	0.992	0.941	0.988	0.937	11.49
69)	Naphthalene	1.930	2.782	3.151	3.139	3.058	2.812	18.31
70) T	1,2,3-Trichlorobenz	0.830	1.014	0.975	0.946	0.969	0.947	7.36

(#) = Out of Range