

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SOMULM052419WMA.M
 Title : VOC Analysis
 Last Update : Fri May 24 23:32:32 2019
 Response Via : Initial Calibration

Calibration Files

5 =VU032287.D 10 =VU032288.D 50 =VU032293.D
 100 =VU032290.D 200 =VU032291.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.349	0.319	0.314	0.291	0.287	0.312	8.01
3) T	Chloromethane	0.450	0.411	0.371	0.355	0.350	0.387	11.01
4) S	Vinyl Chloride-d3	0.283	0.270	0.263	0.246	0.245	0.261	6.09
5) T	Vinyl chloride	0.384	0.378	0.357	0.340	0.336	0.359	6.00
6) T	Bromomethane	0.335	0.311	0.292	0.263	0.248	0.290	12.16
7) S	Chloroethane-d5	0.263	0.257	0.252	0.240	0.242	0.251	3.93
8) T	Chloroethane	0.286	0.256	0.240	0.222	0.225	0.246	10.71
9) T	Trichlorofluorometh	0.481	0.482	0.453	0.426	0.421	0.453	6.46
10) T	1,1,2-Trichloro-1,2	0.264	0.285	0.269	0.254	0.243	0.263	6.08
11) S	1,1-Dichloroethene-	0.562	0.524	0.515	0.497	0.493	0.518	5.33
12) T	1,1-Dichloroethene	0.314	0.299	0.296	0.281	0.275	0.293	5.20
13) T	Acetone	0.237	0.221	0.186	0.180	0.180	0.201	13.12
14) T	Carbon disulfide	1.001	0.898	0.848	0.808	0.807	0.872	9.29
15) T	Methyl Acetate	0.410	0.410	0.389	0.378	0.374	0.392	4.29
16) T	Methylene chloride	0.454	0.436	0.415	0.394	0.392	0.418	6.39
17) T	trans-1,2-Dichloroe	0.379	0.347	0.334	0.323	0.322	0.341	6.92
18) T	Methyl tert-butyl E	1.168	1.183	1.191	1.164	1.165	1.174	1.03
19) T	1,1-Dichloroethane	0.646	0.626	0.629	0.590	0.591	0.617	4.03
20) T	cis-1,2-Dichloroeth	0.415	0.405	0.418	0.398	0.401	0.408	2.12
21) S	2-Butanone-d5	0.227	0.221	0.261	0.264	0.274	0.249	9.50
22) T	2-Butanone	0.246	0.261	0.285	0.285	0.291	0.274	7.05
23) T	Bromochloromethane	0.238	0.217	0.231	0.219	0.222	0.225	3.89
24) S	Chloroform-d	0.703	0.676	0.668	0.642	0.643	0.666	3.79
25) T	Chloroform	0.728	0.701	0.681	0.654	0.653	0.683	4.72
26) S	1,2-Dichloroethane-	0.431	0.430	0.422	0.404	0.405	0.419	3.18
27) T	1,2-Dichloroethane	0.556	0.552	0.535	0.515	0.512	0.534	3.78

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.374	0.387	0.396	0.407	0.392	0.391	3.14
30) T	1,1,1-Trichloroetha	0.522	0.512	0.489	0.489	0.460	0.495	4.85
31) T	Carbon tetrachlorid	0.431	0.414	0.402	0.400	0.378	0.405	4.82
32) S	Benzene-d6	1.314	1.236	1.289	1.297	1.230	1.273	2.98
33) T	Benzene	1.497	1.458	1.422	1.421	1.347	1.429	3.89
34) T	Trichloroethene	0.376	0.364	0.353	0.344	0.332	0.354	4.83
35) T	Methylcyclohexane	0.403	0.416	0.446	0.445	0.433	0.429	4.31
36) S	1,2-Dichloropropane	0.422	0.398	0.406	0.410	0.390	0.405	2.95
37) T	1,2-Dichloropropane	0.372	0.390	0.369	0.373	0.354	0.372	3.47
38) T	Bromodichloromethan	0.543	0.524	0.505	0.511	0.496	0.516	3.52
39) T	cis-1,3-Dichloropro	0.489	0.524	0.555	0.582	0.579	0.546	7.21
40) T	4-Methyl-2-pentanone	0.461	0.488	0.510	0.552	0.545	0.511	7.49
41) S	Toluene-d8	1.144	1.131	1.196	1.195	1.161	1.165	2.53
42) T	Toluene	1.497	1.478	1.538	1.542	1.476	1.506	2.13
43) S	trans-1,3-Dichlorop	0.175	0.170	0.189	0.198	0.199	0.186	7.04
44) T	trans-1,3-Dichlorop	0.421	0.451	0.495	0.519	0.524	0.482	9.26
45) T	1,1,2-Trichloroetha	0.419	0.418	0.407	0.414	0.398	0.411	2.11
46) T	Tetrachloroethene	0.288	0.270	0.262	0.259	0.250	0.266	5.37
47) S	2-Hexanone-d5	0.125	0.145	0.175	0.200	0.207	0.170	20.62
48) T	2-Hexanone	0.328	0.371	0.417	0.443	0.447	0.401	12.66
49) T	Dibromochloromethan	0.426	0.426	0.430	0.445	0.448	0.435	2.49
50) T	1,2-Dibromoethane	0.450	0.437	0.437	0.448	0.438	0.442	1.45
51) T	Chlorobenzene	1.045	1.019	0.997	1.002	0.984	1.009	2.35
52) T	Ethylbenzene	1.504	1.424	1.554	1.598	1.573	1.531	4.50

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.555	0.546	0.608	0.629	0.617	0.591	6.38
54) T	o-xylene	0.572	0.577	0.632	0.650	0.649	0.616	6.30
55) T	Styrene	0.914	0.915	1.130	1.161	1.165	1.057	12.36
56) T	Isopropylbenzene	1.295	1.306	1.496	1.554	1.543	1.439	8.89
57) S	1,1,2,2-Tetrachloro	0.674	0.654	0.664	0.694	0.698	0.677	2.79
58) T	1,1,2,2-Tetrachloro	0.704	0.691	0.689	0.711	0.703	0.700	1.36
59)	1,2,3-Trichloroprop	0.544	0.554	0.539	0.563	0.554	0.551	1.73
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.811	0.768	0.696	0.726	0.732	0.746	5.95
62) T	1,3-Dichlorobenzene	1.695	1.627	1.538	1.561	1.540	1.592	4.25
63) T	1,4-Dichlorobenzene	1.801	1.720	1.597	1.590	1.567	1.655	6.10
64) S	1,2-Dichlorobenzene	1.138	1.068	1.019	1.022	1.007	1.051	5.15
65) T	1,2-Dichlorobenzene	1.889	1.751	1.705	1.685	1.629	1.732	5.66
66) T	1,2-Dibromo-3-chlor	0.288	0.329	0.308	0.324	0.327	0.315	5.38
67)	1,3,5-Trichlorobenz	1.119	1.094	1.154	1.145	1.131	1.129	2.08
68) T	1,2,4-trichlorobenz	0.712	0.762	0.940	1.008	1.035	0.891	16.39
69)	Naphthalene	2.266	2.385	3.293	3.771	3.864	3.116	24.21
70) T	1,2,3-Trichlorobenz	0.923	0.892	1.076	1.117	1.122	1.026	10.75

(#) = Out of Range