

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMULM122018WMA.M
 Title : VOC Analysis
 Last Update : Fri Dec 21 05:57:29 2018
 Response Via : Initial Calibration

Calibration Files

5 =VU028810.D 10 =VU028811.D 50 =VU028834.D
 100 =VU028813.D 200 =VU028814.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.377	0.429	0.411	0.413	0.409	0.408	4.58
3) T	Chloromethane	0.542	0.570	0.556	0.550	0.555	0.554	1.87
4) S	Vinyl Chloride-d3	0.327	0.399	0.420	0.433	0.425	0.401	10.79
5) T	Vinyl chloride	0.441	0.490	0.505	0.505	0.508	0.490	5.73
6) T	Bromomethane	0.198	0.211	0.201	0.203	0.229	0.209	6.02
7) S	Chloroethane-d5	0.266	0.316	0.318	0.328	0.320	0.310	8.02
8) T	Chloroethane	0.255	0.286	0.290	0.284	0.283	0.280	5.10
9) T	Trichlorofluorometh	0.448	0.518	0.520	0.515	0.504	0.501	6.04
10) T	1,1,2-Trichloro-1,2	0.307	0.327	0.333	0.328	0.326	0.324	3.14
11) S	1,1-Dichloroethene-	0.569	0.696	0.695	0.705	0.706	0.674	8.76
12) T	1,1-Dichloroethene	0.286	0.340	0.324	0.326	0.327	0.321	6.36
13) T	Acetone	0.293	0.314	0.296	0.274	0.255	0.286	7.89
14) T	Carbon disulfide	1.050	1.158	1.124	1.131	1.135	1.120	3.65
15) T	Methyl Acetate	0.417	0.467	0.454	0.450	0.443	0.446	4.17
16) T	Methylene chloride	0.371	0.412	0.398	0.399	0.397	0.395	3.75
17) T	trans-1,2-Dichloroe	0.315	0.353	0.356	0.354	0.359	0.347	5.25
18) T	Methyl tert-butyl E	0.945	1.088	1.093	1.106	1.109	1.068	6.52
19) T	1,1-Dichloroethane	0.592	0.712	0.688	0.690	0.692	0.675	7.01
20) T	cis-1,2-Dichloroeth	0.357	0.389	0.402	0.409	0.410	0.393	5.55
21) S	2-Butanone-d5	0.199	0.281	0.304	0.309	0.311	0.281	16.80
22) T	2-Butanone	0.301	0.364	0.364	0.361	0.352	0.349	7.81
23) T	Bromochloromethane	0.180	0.194	0.193	0.187	0.185	0.188	3.00
24) S	Chloroform-d	0.511	0.633	0.662	0.673	0.672	0.630	10.87
25) T	Chloroform	0.584	0.677	0.654	0.651	0.648	0.643	5.43
26) S	1,2-Dichloroethane-	0.328	0.400	0.403	0.405	0.407	0.389	8.78
27) T	1,2-Dichloroethane	0.420	0.493	0.490	0.492	0.493	0.478	6.70

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.592	0.683	0.688	0.687	0.678	0.665	6.19
30) T	1,1,1-Trichloroetha	0.495	0.561	0.541	0.527	0.522	0.529	4.64
31) T	Carbon tetrachlorid	0.382	0.449	0.434	0.436	0.432	0.427	6.03
32) S	Benzene-d6	1.158	1.463	1.488	1.493	1.461	1.413	10.14
33) T	Benzene	1.443	1.676	1.636	1.621	1.583	1.592	5.64
34) T	Trichloroethene	0.360	0.405	0.389	0.383	0.384	0.384	4.24
35) T	Methylcyclohexane	0.553	0.642	0.668	0.673	0.664	0.640	7.80
36) S	1,2-Dichloropropane	0.393	0.502	0.497	0.507	0.499	0.480	10.10
37) T	1,2-Dichloropropane	0.406	0.472	0.456	0.448	0.443	0.445	5.56
38) T	Bromodichloromethan	0.429	0.524	0.509	0.506	0.496	0.493	7.55
39) T	cis-1,3-Dichloropro	0.535	0.645	0.651	0.669	0.671	0.634	8.92
40) T	4-Methyl-2-pentanone	0.504	0.624	0.620	0.621	0.620	0.598	8.76
41) S	Toluene-d8	1.011	1.300	1.358	1.374	1.357	1.280	11.93
42) T	Toluene	1.405	1.662	1.681	1.663	1.657	1.614	7.26
43) S	trans-1,3-Dichlorop	0.167	0.209	0.230	0.235	0.234	0.215	13.44
44) T	trans-1,3-Dichlorop	0.468	0.568	0.595	0.595	0.601	0.565	9.87
45) T	1,1,2-Trichloroetha	0.349	0.403	0.386	0.384	0.381	0.380	5.16
46) T	Tetrachloroethene	0.278	0.309	0.297	0.298	0.298	0.296	3.79
47) S	2-Hexanone-d5	0.152	0.220	0.250	0.255	0.262	0.228	19.76
48) T	2-Hexanone	0.427	0.500	0.516	0.503	0.508	0.491	7.39
49) T	Dibromochloromethan	0.329	0.389	0.390	0.390	0.397	0.379	7.42
50) T	1,2-Dibromoethane	0.346	0.410	0.412	0.404	0.407	0.396	7.08
51) T	Chlorobenzene	0.905	1.063	1.040	1.033	1.044	1.017	6.24
52) T	Ethylbenzene	1.462	1.753	1.793	1.827	1.834	1.734	8.96

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.533	0.635	0.675	0.675	0.687	0.641	9.88
54) T	o-xylene	0.550	0.628	0.674	0.677	0.685	0.643	8.81
55) T	Styrene	0.857	1.053	1.149	1.179	1.204	1.088	13.00
56) T	Isopropylbenzene	1.337	1.632	1.695	1.729	1.758	1.630	10.46
57) S	1,1,2,2-Tetrachloro	0.518	0.699	0.687	0.704	0.721	0.666	12.58
58) T	1,1,2,2-Tetrachloro	0.591	0.741	0.704	0.701	0.719	0.691	8.41
59)	1,2,3-Trichloroprop	0.493	0.548	0.538	0.534	0.543	0.531	4.15
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.588	0.656	0.623	0.619	0.615	0.620	3.90
62) T	1,3-Dichlorobenzene	1.466	1.650	1.588	1.629	1.609	1.588	4.54
63) T	1,4-Dichlorobenzene	1.545	1.741	1.618	1.644	1.635	1.636	4.30
64) S	1,2-Dichlorobenzene	0.898	1.028	1.032	1.055	1.043	1.011	6.32
65) T	1,2-Dichlorobenzene	1.536	1.755	1.677	1.673	1.643	1.657	4.80
66) T	1,2-Dibromo-3-chlor	0.265	0.306	0.286	0.288	0.284	0.286	5.07
67)	1,3,5-Trichlorobenz	1.089	1.109	1.188	1.234	1.236	1.171	5.91
68) T	1,2,4-trichlorobenz	0.791	0.898	1.003	1.090	1.122	0.981	14.00
69)	Naphthalene	3.071	2.941	3.495	3.751	3.766	3.405	11.23
70) T	1,2,3-Trichlorobenz	0.971	1.003	1.071	1.114	1.128	1.057	6.51

(#) = Out of Range