

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080119\
 Data File : VU033545.D
 Acq On : 01 Aug 2019 13:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05044

Quant Time: Aug 02 01:55:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 01:49:55 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	50.000	49.474	1.1	91	0.00
3 T	Chloromethane	50.000	50.631	-1.3	91	0.00
4 S	Vinyl Chloride-d3	50.000	41.375	17.3	79	0.00
5 T	Vinyl chloride	50.000	50.264	-0.5	93	0.00
6 T	Bromomethane	50.000	47.762	4.5	91	0.00
7 S	Chloroethane-d5	50.000	48.928	2.1	90	0.00
8 T	Chloroethane	50.000	52.899	-5.8	93	0.00
9 T	Trichlorofluoromethane	50.000	50.879	-1.8	92	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	50.000	51.971	-3.9	97	0.00
11 S	1,1-Dichloroethene-d2	50.000	47.049	5.9	91	0.00
12 T	1,1-Dichloroethene	50.000	51.165	-2.3	95	0.00
13 T	Acetone	100.000	112.712	-12.7	99	0.00
14 T	Carbon disulfide	50.000	47.880	4.2	90	0.00
15 T	Methyl Acetate	50.000	53.264	-6.5	96	0.00
16 T	Methylene chloride	50.000	51.908	-3.8	95	0.00
17 T	trans-1,2-Dichloroethene	50.000	50.209	-0.4	92	0.00
18 T	Methyl tert-butyl Ether	50.000	52.006	-4.0	93	0.00
19 T	1,1-Dichloroethane	50.000	52.043	-4.1	94	0.00
20 T	cis-1,2-Dichloroethene	50.000	50.561	-1.1	93	0.00
21 S	2-Butanone-d5	100.000	109.777	-9.8	101	0.00
22 T	2-Butanone	100.000	114.654	-14.7	97	0.00
23 T	Bromochloromethane	50.000	51.337	-2.7	92	0.00
24 S	Chloroform-d	50.000	49.597	0.8	95	0.00
25 T	Chloroform	50.000	50.861	-1.7	91	0.00
26 S	1,2-Dichloroethane-d4	50.000	48.254	3.5	91	0.00
27 T	1,2-Dichloroethane	50.000	52.412	-4.8	94	0.00
28 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
29 T	Cyclohexane	50.000	50.602	-1.2	91	0.00
30 T	1,1,1-Trichloroethane	50.000	50.737	-1.5	93	0.00
31 T	Carbon tetrachloride	50.000	51.292	-2.6	93	0.00
32 S	Benzene-d6	50.000	46.722	6.6	88	0.00
33 T	Benzene	50.000	51.402	-2.8	92	0.00
34 T	Trichloroethene	50.000	49.475	1.0	92	0.00
35 T	Methylcyclohexane	50.000	50.302	-0.6	90	0.00
36 S	1,2-Dichloropropane-d6	50.000	48.710	2.6	92	0.00
37 T	1,2-Dichloropropane	50.000	51.462	-2.9	93	0.00
38 T	Bromodichloromethane	50.000	51.809	-3.6	94	0.00
39 T	cis-1,3-Dichloropropene	50.000	52.160	-4.3	94	0.00
40 T	4-Methyl-2-pentanone	100.000	109.077	-9.1	96	0.00
41 S	Toluene-d8	50.000	46.691	6.6	87	0.00
42 T	Toluene	50.000	52.505	-5.0	93	0.00
43 S	trans-1,3-Dichloropropene-d	50.000	47.467	5.1	91	0.00
44 T	trans-1,3-Dichloropropene	50.000	51.535	-3.1	92	0.00
45 T	1,1,2-Trichloroethane	50.000	52.248	-4.5	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	50.000	50.075	-0.2	91	0.00
47 S	2-Hexanone-d5	100.000	106.655	-6.7	96	0.00
48 T	2-Hexanone	100.000	109.570	-9.6	95	0.00
49 T	Dibromochloromethane	50.000	51.637	-3.3	93	0.00
50 T	1,2-Dibromoethane	50.000	51.036	-2.1	92	0.00
51 T	Chlorobenzene	50.000	50.584	-1.2	92	0.00
52 T	Ethylbenzene	50.000	51.740	-3.5	92	0.00
53 T	m,p-Xylene	50.000	51.787	-3.6	93	0.00
54 T	o-xylene	50.000	52.229	-4.5	90	0.00
55 T	Styrene	50.000	54.086	-8.2	93	0.00
56 T	Isopropylbenzene	50.000	52.022	-4.0	91	0.00
57 S	1,1,2,2-Tetrachloroethane-d	50.000	50.461	-0.9	97	0.00
58 T	1,1,2,2-Tetrachloroethane	50.000	51.820	-3.6	94	0.00
59	1,2,3-Trichloropropane	50.000	51.810	-3.6	93	0.00
60 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
61 T	Bromoform	50.000	50.975	-2.0	92	0.00
62 T	1,3-Dichlorobenzene	50.000	50.405	-0.8	93	0.00
63 T	1,4-Dichlorobenzene	50.000	49.432	1.1	92	0.00
64 S	1,2-Dichlorobenzene-d4	50.000	46.890	6.2	93	0.00
65 T	1,2-Dichlorobenzene	50.000	50.238	-0.5	92	0.00
66 T	1,2-Dibromo-3-chloropropane	50.000	50.535	-1.1	93	0.00
67	1,3,5-Trichlorobenzene	50.000	47.914	4.2	89	0.00
68 T	1,2,4-trichlorobenzene	50.000	48.168	3.7	88	0.00
69	Naphthalene	50.000	50.008	-0.0	88	0.00
70 T	1,2,3-Trichlorobenzene	50.000	49.116	1.8	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0