

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030112.D
 Acq On : 15 Mar 2019 15:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05039

Quant Time: Mar 16 00:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:02:21 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	0.316	0.316	0.0	110	0.00
3 T	Chloromethane	0.349	0.317	9.2	102	0.00
4 S	Vinyl Chloride-d3	0.331	0.286	13.6	91	0.00
5 T	Vinyl chloride	0.382	0.367	3.9	107	0.00
6 T	Bromomethane	0.237	0.174	26.6#	78	0.00
7 S	Chloroethane-d5	0.267	0.234	12.4	93	0.00
8 T	Chloroethane	0.250	0.228	8.8	104	0.00
9 T	Trichlorofluoromethane	0.512	0.519	-1.4	112	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.328	0.344	-4.9	117	0.00
11 S	1,1-Dichloroethene-d2	0.597	0.532	10.9	96	0.00
12 T	1,1-Dichloroethene	0.313	0.304	2.9	109	0.00
13 T	Acetone	0.290	0.206	29.0#	80	0.00
14 T	Carbon disulfide	0.971	0.867	10.7	99	0.00
15 T	Methyl Acetate	0.374	0.361	3.5	105	0.00
16 T	Methylene chloride	0.370	0.357	3.5	107	0.00
17 T	trans-1,2-Dichloroethene	0.341	0.330	3.2	106	0.00
18 T	Methyl tert-butyl Ether	1.012	1.008	0.4	109	0.00
19 T	1,1-Dichloroethane	0.586	0.594	-1.4	112	0.00
20 T	cis-1,2-Dichloroethene	0.389	0.377	3.1	106	0.00
21 S	2-Butanone-d5	0.248	0.222	10.5	94	0.00
22 T	2-Butanone	0.330	0.280	15.2	90	0.00
23 T	Bromochloromethane	0.201	0.198	1.5	107	0.00
24 S	Chloroform-d	0.593	0.532	10.3	95	0.00
25 T	Chloroform	0.615	0.619	-0.7	110	0.00
26 S	1,2-Dichloroethane-d4	0.343	0.300	12.5	93	0.00
27 T	1,2-Dichloroethane	0.442	0.438	0.9	109	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
29 T	Cyclohexane	0.551	0.543	1.5	108	0.00
30 T	1,1,1-Trichloroethane	0.546	0.540	1.1	111	0.00
31 T	Carbon tetrachloride	0.482	0.473	1.9	109	0.00
32 S	Benzene-d6	1.287	1.122	12.8	93	0.00
33 T	Benzene	1.431	1.387	3.1	108	0.00
34 T	Trichloroethene	0.375	0.369	1.6	110	0.00
35 T	Methylcyclohexane	0.608	0.609	-0.2	111	0.00
36 S	1,2-Dichloropropane-d6	0.394	0.348	11.7	95	0.00
37 T	1,2-Dichloropropane	0.376	0.383	-1.9	113	0.00
38 T	Bromodichloromethane	0.468	0.471	-0.6	111	0.00
39 T	cis-1,3-Dichloropropene	0.586	0.587	-0.2	110	0.00
40 T	4-Methyl-2-pentanone	0.508	0.493	3.0	106	0.00
41 S	Toluene-d8	1.205	1.049	12.9	92	0.00
42 T	Toluene	1.556	1.538	1.2	108	0.00
43 S	trans-1,3-Dichloropropene-d	0.191	0.169	11.5	94	0.00
44 T	trans-1,3-Dichloropropene	0.535	0.534	0.2	109	0.00
45 T	1,1,2-Trichloroethane	0.376	0.376	0.0	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.328	0.329	-0.3	111	0.00
47 S	2-Hexanone-d5	0.220	0.194	11.8	92	0.00
48 T	2-Hexanone	0.434	0.401	7.6	99	0.00
49 T	Dibromochloromethane	0.421	0.430	-2.1	112	0.00
50 T	1,2-Dibromoethane	0.415	0.405	2.4	108	0.00
51 T	Chlorobenzene	1.049	1.031	1.7	111	0.00
52 T	Ethylbenzene	1.713	1.694	1.1	109	0.00
53 T	m,p-Xylene	0.663	0.650	2.0	106	0.00
54 T	o-xylene	0.651	0.653	-0.3	109	0.00
55 T	Styrene	1.108	1.112	-0.4	107	0.00
56 T	Isopropylbenzene	1.704	1.694	0.6	109	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.605	0.547	9.6	98	0.00
58 T	1,1,2,2-Tetrachloroethane	0.646	0.648	-0.3	111	0.00
59	1,2,3-Trichloropropane	0.490	0.480	2.0	109	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
61 T	Bromoform	0.622	0.640	-2.9	111	0.00
62 T	1,3-Dichlorobenzene	1.615	1.588	1.7	109	0.00
63 T	1,4-Dichlorobenzene	1.642	1.618	1.5	110	0.00
64 S	1,2-Dichlorobenzene-d4	0.969	0.837	13.6	94	0.00
65 T	1,2-Dichlorobenzene	1.625	1.610	0.9	109	0.00
66 T	1,2-Dibromo-3-chloropropane	0.264	0.259	1.9	105	0.00
67	1,3,5-Trichlorobenzene	1.253	1.232	1.7	109	0.00
68 T	1,2,4-trichlorobenzene	1.146	1.090	4.9	104	0.00
69	Naphthalene	3.725	3.491	6.3	99	0.00
70 T	1,2,3-Trichlorobenzene	1.191	1.141	4.2	104	0.00

(#) = Out of Range

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