

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033602.D
 Acq On : 06 Aug 2019 08:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05049

Quant Time: Aug 07 05:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 03:56:19 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	94	0.00
2 T	Dichlorodifluoromethane	0.428	0.436	-1.9	95	0.00
3 T	Chloromethane	0.463	0.449	3.0	91	0.00
4 S	Vinyl Chloride-d3	0.320	0.284	11.3	85	0.00
5 T	Vinyl chloride	0.507	0.492	3.0	93	0.00
6 T	Bromomethane	0.405	0.358	11.6	79	0.00
7 S	Chloroethane-d5	0.356	0.322	9.6	109	0.00
8 T	Chloroethane	0.399	0.381	4.5	116	0.00
9 T	Trichlorofluoromethane	0.661	0.671	-1.5	94	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.336	0.347	-3.3	97	0.00
11 S	1,1-Dichloroethene-d2	0.619	0.581	6.1	91	0.00
12 T	1,1-Dichloroethene	0.327	0.322	1.5	92	0.00
13 T	Acetone	0.258	0.315	-22.1	124	0.00
14 T	Carbon disulfide	1.012	0.994	1.8	94	0.00
15 T	Methyl Acetate	0.421	0.407	3.3	90	0.00
16 T	Methylene chloride	0.381	0.381	0.0	94	0.00
17 T	trans-1,2-Dichloroethene	0.348	0.339	2.6	93	0.00
18 T	Methyl tert-butyl Ether	1.079	1.051	2.6	91	0.00
19 T	1,1-Dichloroethane	0.656	0.651	0.8	94	0.00
20 T	cis-1,2-Dichloroethene	0.384	0.380	1.0	92	0.00
21 S	2-Butanone-d5	0.259	0.252	2.7	92	0.00
22 T	2-Butanone	0.324	0.349	-7.7	101	0.00
23 T	Bromochloromethane	0.201	0.199	1.0	93	0.00
24 S	Chloroform-d	0.608	0.595	2.1	94	0.00
25 T	Chloroform	0.678	0.681	-0.4	94	0.00
26 S	1,2-Dichloroethane-d4	0.384	0.366	4.7	93	0.00
27 T	1,2-Dichloroethane	0.529	0.522	1.3	93	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
29 T	Cyclohexane	0.569	0.556	2.3	91	0.00
30 T	1,1,1-Trichloroethane	0.585	0.567	3.1	95	0.00
31 T	Carbon tetrachloride	0.513	0.513	0.0	97	0.00
32 S	Benzene-d6	1.223	1.128	7.8	90	0.00
33 T	Benzene	1.488	1.450	2.6	92	0.00
34 T	Trichloroethene	0.383	0.374	2.3	94	0.00
35 T	Methylcyclohexane	0.604	0.614	-1.7	95	0.00
36 S	1,2-Dichloropropane-d6	0.391	0.365	6.6	90	0.00
37 T	1,2-Dichloropropane	0.407	0.395	2.9	95	0.00
38 T	Bromodichloromethane	0.512	0.503	1.8	94	0.00
39 T	cis-1,3-Dichloropropene	0.618	0.596	3.6	91	0.00
40 T	4-Methyl-2-pentanone	0.582	0.551	5.3	90	0.00
41 S	Toluene-d8	1.138	1.074	5.6	91	0.00
42 T	Toluene	1.590	1.583	0.4	93	0.00
43 S	trans-1,3-Dichloropropene-d	0.195	0.181	7.2	91	0.00
44 T	trans-1,3-Dichloropropene	0.556	0.548	1.4	94	0.00
45 T	1,1,2-Trichloroethane	0.380	0.369	2.9	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.315	0.318	-1.0	97	0.00
47 S	2-Hexanone-d5	0.191	0.180	5.8	88	0.00
48 T	2-Hexanone	0.465	0.475	-2.2	97	0.00
49 T	Dibromochloromethane	0.427	0.427	0.0	96	0.00
50 T	1,2-Dibromoethane	0.417	0.407	2.4	95	0.00
51 T	Chlorobenzene	1.038	1.004	3.3	94	0.00
52 T	Ethylbenzene	1.724	1.700	1.4	93	0.00
53 T	m,p-Xylene	0.657	0.661	-0.6	94	0.00
54 T	o-xylene	0.643	0.642	0.2	93	0.00
55 T	Styrene	1.092	1.125	-3.0	96	0.00
56 T	Isopropylbenzene	1.659	1.682	-1.4	94	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.599	0.583	2.7	96	0.00
58 T	1,1,2,2-Tetrachloroethane	0.680	0.666	2.1	94	0.00
59	1,2,3-Trichloropropane	0.532	0.511	3.9	93	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
61 T	Bromoform	0.623	0.613	1.6	95	0.00
62 T	1,3-Dichlorobenzene	1.569	1.529	2.5	94	0.00
63 T	1,4-Dichlorobenzene	1.603	1.586	1.1	97	0.00
64 S	1,2-Dichlorobenzene-d4	0.898	0.832	7.3	93	0.00
65 T	1,2-Dichlorobenzene	1.565	1.550	1.0	95	0.00
66 T	1,2-Dibromo-3-chloropropane	0.295	0.280	5.1	90	0.00
67	1,3,5-Trichlorobenzene	1.208	1.191	1.4	94	0.00
68 T	1,2,4-trichlorobenzene	1.030	0.999	3.0	90	0.00
69	Naphthalene	2.994	2.877	3.9	86	0.00
70 T	1,2,3-Trichlorobenzene	1.096	1.044	4.7	90	0.00

(#) = Out of Range

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