

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031719\
 Data File : VU030133.D
 Acq On : 16 Mar 2019 10:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05041

Quant Time: Mar 18 04:23:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:52:41 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	92	0.00
2 T	Dichlorodifluoromethane	0.316	0.300	5.1	89	0.00
3 T	Chloromethane	0.349	0.313	10.3	86	0.00
4 S	Vinyl Chloride-d3	0.331	0.343	-3.6	93	0.00
5 T	Vinyl chloride	0.382	0.360	5.8	90	0.00
6 T	Bromomethane	0.237	0.180	24.1	69	0.00
7 S	Chloroethane-d5	0.267	0.292	-9.4	100	0.00
8 T	Chloroethane	0.250	0.223	10.8	88	0.00
9 T	Trichlorofluoromethane	0.512	0.504	1.6	93	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.328	0.332	-1.2	96	0.00
11 S	1,1-Dichloroethene-d2	0.597	0.613	-2.7	94	0.00
12 T	1,1-Dichloroethene	0.313	0.303	3.2	93	0.00
13 T	Acetone	0.290	0.245	15.5	81	0.00
14 T	Carbon disulfide	0.971	0.869	10.5	84	0.00
15 T	Methyl Acetate	0.374	0.366	2.1	91	0.00
16 T	Methylene chloride	0.370	0.354	4.3	90	0.00
17 T	trans-1,2-Dichloroethene	0.341	0.330	3.2	90	0.00
18 T	Methyl tert-butyl Ether	1.012	0.990	2.2	92	0.00
19 T	1,1-Dichloroethane	0.586	0.588	-0.3	95	0.00
20 T	cis-1,2-Dichloroethene	0.389	0.376	3.3	91	0.00
21 S	2-Butanone-d5	0.248	0.281	-13.3	101	0.00
22 T	2-Butanone	0.330	0.292	11.5	80	0.00
23 T	Bromochloromethane	0.201	0.196	2.5	91	0.00
24 S	Chloroform-d	0.593	0.661	-11.5	101	0.00
25 T	Chloroform	0.615	0.623	-1.3	95	0.00
26 S	1,2-Dichloroethane-d4	0.343	0.382	-11.4	101	0.00
27 T	1,2-Dichloroethane	0.442	0.432	2.3	92	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
29 T	Cyclohexane	0.551	0.513	6.9	88	0.00
30 T	1,1,1-Trichloroethane	0.546	0.530	2.9	94	0.00
31 T	Carbon tetrachloride	0.482	0.459	4.8	90	0.00
32 S	Benzene-d6	1.287	1.374	-6.8	97	0.00
33 T	Benzene	1.431	1.384	3.3	92	0.00
34 T	Trichloroethene	0.375	0.363	3.2	93	0.00
35 T	Methylcyclohexane	0.608	0.585	3.8	91	0.00
36 S	1,2-Dichloropropane-d6	0.394	0.431	-9.4	101	0.00
37 T	1,2-Dichloropropane	0.376	0.375	0.3	95	0.00
38 T	Bromodichloromethane	0.468	0.472	-0.9	95	0.00
39 T	cis-1,3-Dichloropropene	0.586	0.584	0.3	94	0.00
40 T	4-Methyl-2-pentanone	0.508	0.487	4.1	90	0.00
41 S	Toluene-d8	1.205	1.278	-6.1	96	0.00
42 T	Toluene	1.556	1.519	2.4	92	0.00
43 S	trans-1,3-Dichloropropene-d	0.191	0.210	-9.9	100	0.00
44 T	trans-1,3-Dichloropropene	0.535	0.541	-1.1	95	0.00
45 T	1,1,2-Trichloroethane	0.376	0.375	0.3	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.328	0.312	4.9	91	0.00
47 S	2-Hexanone-d5	0.220	0.243	-10.5	98	0.00
48 T	2-Hexanone	0.434	0.409	5.8	86	0.00
49 T	Dibromochloromethane	0.421	0.427	-1.4	96	0.00
50 T	1,2-Dibromoethane	0.415	0.404	2.7	93	0.00
51 T	Chlorobenzene	1.049	1.015	3.2	94	0.00
52 T	Ethylbenzene	1.713	1.673	2.3	92	0.00
53 T	m,p-Xylene	0.663	0.655	1.2	91	0.00
54 T	o-xylene	0.651	0.642	1.4	92	0.00
55 T	Styrene	1.108	1.104	0.4	91	0.00
56 T	Isopropylbenzene	1.704	1.690	0.8	93	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.605	0.678	-12.1	104	0.00
58 T	1,1,2,2-Tetrachloroethane	0.646	0.640	0.9	94	0.00
59	1,2,3-Trichloropropane	0.490	0.475	3.1	92	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
61 T	Bromoform	0.622	0.619	0.5	94	0.00
62 T	1,3-Dichlorobenzene	1.615	1.576	2.4	95	0.00
63 T	1,4-Dichlorobenzene	1.642	1.606	2.2	95	0.00
64 S	1,2-Dichlorobenzene-d4	0.969	1.031	-6.4	101	0.00
65 T	1,2-Dichlorobenzene	1.625	1.615	0.6	95	0.00
66 T	1,2-Dibromo-3-chloropropane	0.264	0.257	2.7	91	0.00
67	1,3,5-Trichlorobenzene	1.253	1.251	0.2	96	0.00
68 T	1,2,4-trichlorobenzene	1.146	1.119	2.4	93	0.00
69	Naphthalene	3.725	3.537	5.0	88	0.00
70 T	1,2,3-Trichlorobenzene	1.191	1.181	0.8	94	0.00

(#) = Out of Range

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