

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
 Data File : VU030772.D
 Acq On : 06 Apr 2019 03:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05052

Quant Time: Apr 06 05:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 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	100	0.00
2 T	Dichlorodifluoromethane	0.439	0.415	5.5	98	0.00
3 T	Chloromethane	0.568	0.548	3.5	100	0.00
4 S	Vinyl Chloride-d3	0.446	0.393	11.9	89	0.00
5 T	Vinyl chloride	0.550	0.541	1.6	99	0.00
6 T	Bromomethane	0.285	0.276	3.2	98	0.00
7 S	Chloroethane-d5	0.339	0.318	6.2	94	0.00
8 T	Chloroethane	0.314	0.317	-1.0	103	0.00
9 T	Trichlorofluoromethane	0.641	0.643	-0.3	102	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.358	0.337	5.9	98	0.00
11 S	1,1-Dichloroethene-d2	0.807	0.767	5.0	96	0.00
12 T	1,1-Dichloroethene	0.346	0.349	-0.9	102	0.00
13 T	Acetone	0.362	0.287	20.7	80	0.00
14 T	Carbon disulfide	1.074	1.040	3.2	98	0.00
15 T	Methyl Acetate	0.561	0.593	-5.7	104	0.00
16 T	Methylene chloride	0.420	0.413	1.7	100	0.00
17 T	trans-1,2-Dichloroethene	0.367	0.359	2.2	100	0.00
18 T	Methyl tert-butyl Ether	1.229	1.244	-1.2	102	0.00
19 T	1,1-Dichloroethane	0.757	0.777	-2.6	103	0.00
20 T	cis-1,2-Dichloroethene	0.405	0.416	-2.7	105	0.00
21 S	2-Butanone-d5	0.354	0.391	-10.5	106	0.00
22 T	2-Butanone	0.424	0.440	-3.8	97	0.00
23 T	Bromochloromethane	0.192	0.192	0.0	101	0.00
24 S	Chloroform-d	0.682	0.679	0.4	99	0.00
25 T	Chloroform	0.761	0.769	-1.1	103	0.00
26 S	1,2-Dichloroethane-d4	0.465	0.465	0.0	99	0.00
27 T	1,2-Dichloroethane	0.581	0.593	-2.1	104	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
29 T	Cyclohexane	0.713	0.701	1.7	99	0.00
30 T	1,1,1-Trichloroethane	0.609	0.607	0.3	102	0.00
31 T	Carbon tetrachloride	0.525	0.527	-0.4	103	0.00
32 S	Benzene-d6	1.460	1.408	3.6	97	0.00
33 T	Benzene	1.636	1.667	-1.9	103	0.00
34 T	Trichloroethene	0.401	0.399	0.5	102	0.00
35 T	Methylcyclohexane	0.619	0.586	5.3	96	0.00
36 S	1,2-Dichloropropane-d6	0.500	0.483	3.4	97	0.00
37 T	1,2-Dichloropropane	0.463	0.469	-1.3	104	0.00
38 T	Bromodichloromethane	0.559	0.571	-2.1	105	0.00
39 T	cis-1,3-Dichloropropene	0.659	0.668	-1.4	100	0.00
40 T	4-Methyl-2-pentanone	0.745	0.785	-5.4	103	0.00
41 S	Toluene-d8	1.294	1.266	2.2	96	0.00
42 T	Toluene	1.670	1.698	-1.7	101	0.00
43 S	trans-1,3-Dichloropropene-d	0.228	0.220	3.5	94	0.00
44 T	trans-1,3-Dichloropropene	0.581	0.588	-1.2	100	0.00
45 T	1,1,2-Trichloroethane	0.393	0.390	0.8	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.292	0.275	5.8	98	0.00
47 S	2-Hexanone-d5	0.229	0.248	-8.3	102	0.00
48 T	2-Hexanone	0.581	0.623	-7.2	100	0.00
49 T	Dibromochloromethane	0.417	0.423	-1.4	104	0.00
50 T	1,2-Dibromoethane	0.425	0.420	1.2	100	0.00
51 T	Chlorobenzene	1.024	1.022	0.2	102	0.00
52 T	Ethylbenzene	1.821	1.813	0.4	101	0.00
53 T	m,p-Xylene	0.635	0.637	-0.3	100	0.00
54 T	o-xylene	0.632	0.642	-1.6	102	0.00
55 T	Styrene	1.083	1.129	-4.2	101	0.00
56 T	Isopropylbenzene	1.663	1.691	-1.7	100	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.675	0.699	-3.6	102	0.00
58 T	1,1,2,2-Tetrachloroethane	0.711	0.716	-0.7	102	0.00
59	1,2,3-Trichloropropane	0.555	0.583	-5.0	104	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
61 T	Bromoform	0.661	0.671	-1.5	104	0.00
62 T	1,3-Dichlorobenzene	1.580	1.537	2.7	99	0.00
63 T	1,4-Dichlorobenzene	1.607	1.592	0.9	102	0.00
64 S	1,2-Dichlorobenzene-d4	0.983	0.971	1.2	99	0.00
65 T	1,2-Dichlorobenzene	1.585	1.664	-5.0	106	0.00
66 T	1,2-Dibromo-3-chloropropane	0.337	0.364	-8.0	108	0.00
67	1,3,5-Trichlorobenzene	1.155	1.108	4.1	96	0.00
68 T	1,2,4-trichlorobenzene	0.982	0.989	-0.7	97	0.00
69	Naphthalene	3.183	3.333	-4.7	98	0.00
70 T	1,2,3-Trichlorobenzene	1.026	1.063	-3.6	102	0.00

(#) = Out of Range

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