

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030685.D
 Acq On : 04 Apr 2019 14:32
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05047

Quant Time: Apr 04 14:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 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	103	0.00
2 T	Dichlorodifluoromethane	0.552	0.443	19.7	81	0.00
3 T	Chloromethane	0.617	0.585	5.2	95	0.00
4 S	Vinyl Chloride-d3	0.402	0.409	-1.7	103	0.00
5 T	Vinyl chloride	0.585	0.570	2.6	98	0.00
6 T	Bromomethane	0.268	0.300	-11.9	113	0.00
7 S	Chloroethane-d5	0.319	0.322	-0.9	102	0.00
8 T	Chloroethane	0.330	0.322	2.4	98	0.00
9 T	Trichlorofluoromethane	0.638	0.654	-2.5	102	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.365	0.365	0.0	100	0.00
11 S	1,1-Dichloroethene-d2	0.763	0.781	-2.4	102	0.00
12 T	1,1-Dichloroethene	0.358	0.363	-1.4	102	0.00
13 T	Acetone	0.383	0.346	9.7	88	0.00
14 T	Carbon disulfide	1.183	1.124	5.0	97	0.00
15 T	Methyl Acetate	0.586	0.616	-5.1	101	0.00
16 T	Methylene chloride	0.422	0.426	-0.9	102	0.00
17 T	trans-1,2-Dichloroethene	0.375	0.376	-0.3	99	0.00
18 T	Methyl tert-butyl Ether	1.241	1.272	-2.5	102	0.00
19 T	1,1-Dichloroethane	0.770	0.791	-2.7	103	0.00
20 T	cis-1,2-Dichloroethene	0.421	0.429	-1.9	101	0.00
21 S	2-Butanone-d5	0.378	0.391	-3.4	97	0.00
22 T	2-Butanone	0.462	0.463	-0.2	93	0.00
23 T	Bromochloromethane	0.196	0.205	-4.6	105	0.00
24 S	Chloroform-d	0.693	0.688	0.7	96	0.00
25 T	Chloroform	0.732	0.768	-4.9	104	0.00
26 S	1,2-Dichloroethane-d4	0.454	0.455	-0.2	99	0.00
27 T	1,2-Dichloroethane	0.574	0.598	-4.2	103	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
29 T	Cyclohexane	0.757	0.756	0.1	97	0.00
30 T	1,1,1-Trichloroethane	0.612	0.640	-4.6	104	0.00
31 T	Carbon tetrachloride	0.519	0.536	-3.3	101	0.00
32 S	Benzene-d6	1.434	1.403	2.2	93	0.00
33 T	Benzene	1.702	1.768	-3.9	102	0.00
34 T	Trichloroethene	0.418	0.420	-0.5	100	0.00
35 T	Methylcyclohexane	0.689	0.658	4.5	95	0.00
36 S	1,2-Dichloropropane-d6	0.491	0.494	-0.6	96	0.00
37 T	1,2-Dichloropropane	0.483	0.483	0.0	99	0.00
38 T	Bromodichloromethane	0.574	0.584	-1.7	101	0.00
39 T	cis-1,3-Dichloropropene	0.694	0.682	1.7	93	0.00
40 T	4-Methyl-2-pentanone	0.811	0.816	-0.6	98	0.00
41 S	Toluene-d8	1.288	1.266	1.7	93	0.00
42 T	Toluene	1.766	1.790	-1.4	98	0.00
43 S	trans-1,3-Dichloropropene-d	0.231	0.228	1.3	96	0.00
44 T	trans-1,3-Dichloropropene	0.611	0.653	-6.9	101	0.00
45 T	1,1,2-Trichloroethane	0.408	0.421	-3.2	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.292	0.308	-5.5	103	0.00
47 S	2-Hexanone-d5	0.266	0.248	6.8	87	0.00
48 T	2-Hexanone	0.665	0.657	1.2	96	0.00
49 T	Dibromochloromethane	0.424	0.440	-3.8	100	0.00
50 T	1,2-Dibromoethane	0.438	0.448	-2.3	100	0.00
51 T	Chlorobenzene	1.071	1.077	-0.6	99	0.00
52 T	Ethylbenzene	1.914	1.973	-3.1	100	0.00
53 T	m,p-Xylene	0.691	0.700	-1.3	100	0.00
54 T	o-xylene	0.674	0.699	-3.7	99	0.00
55 T	Styrene	1.161	1.215	-4.7	99	0.00
56 T	Isopropylbenzene	1.785	1.809	-1.3	98	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.702	0.709	-1.0	98	0.00
58 T	1,1,2,2-Tetrachloroethane	0.752	0.755	-0.4	99	0.00
59	1,2,3-Trichloropropane	0.588	0.597	-1.5	100	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
61 T	Bromoform	0.665	0.692	-4.1	99	0.00
62 T	1,3-Dichlorobenzene	1.635	1.677	-2.6	100	0.00
63 T	1,4-Dichlorobenzene	1.683	1.711	-1.7	100	0.00
64 S	1,2-Dichlorobenzene-d4	1.002	0.986	1.6	95	0.00
65 T	1,2-Dichlorobenzene	1.653	1.703	-3.0	99	0.00
66 T	1,2-Dibromo-3-chloropropane	0.368	0.373	-1.4	97	0.00
67	1,3,5-Trichlorobenzene	1.224	1.228	-0.3	95	0.00
68 T	1,2,4-trichlorobenzene	1.064	1.056	0.8	94	0.00
69	Naphthalene	3.782	3.617	4.4	95	0.00
70 T	1,2,3-Trichlorobenzene	1.123	1.113	0.9	96	0.00

(#) = Out of Range

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