

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030651.D
 Acq On : 04 Apr 2019 00:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05045

Quant Time: Apr 04 06:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 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	130	0.00
2 T	Dichlorodifluoromethane	0.552	0.405	26.6#	94	0.00
3 T	Chloromethane	0.617	0.527	14.6	108	0.00
4 S	Vinyl Chloride-d3	0.402	0.409	-1.7	130	0.00
5 T	Vinyl chloride	0.585	0.522	10.8	114	0.00
6 T	Bromomethane	0.268	0.284	-6.0	135	0.00
7 S	Chloroethane-d5	0.319	0.324	-1.6	130	0.00
8 T	Chloroethane	0.330	0.308	6.7	119	0.00
9 T	Trichlorofluoromethane	0.638	0.592	7.2	117	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.365	0.330	9.6	114	0.00
11 S	1,1-Dichloroethene-d2	0.763	0.733	3.9	121	0.00
12 T	1,1-Dichloroethene	0.358	0.344	3.9	122	0.00
13 T	Acetone	0.383	0.268	30.0#	86	0.00
14 T	Carbon disulfide	1.183	1.064	10.1	116	0.00
15 T	Methyl Acetate	0.586	0.572	2.4	119	0.00
16 T	Methylene chloride	0.422	0.406	3.8	123	0.00
17 T	trans-1,2-Dichloroethene	0.375	0.358	4.5	120	0.00
18 T	Methyl tert-butyl Ether	1.241	1.208	2.7	122	0.00
19 T	1,1-Dichloroethane	0.770	0.725	5.8	120	0.00
20 T	cis-1,2-Dichloroethene	0.421	0.406	3.6	121	0.00
21 S	2-Butanone-d5	0.378	0.360	4.8	114	0.00
22 T	2-Butanone	0.462	0.416	10.0	106	0.00
23 T	Bromochloromethane	0.196	0.195	0.5	126	0.00
24 S	Chloroform-d	0.693	0.631	8.9	112	0.00
25 T	Chloroform	0.732	0.698	4.6	120	0.00
26 S	1,2-Dichloroethane-d4	0.454	0.405	10.8	112	0.00
27 T	1,2-Dichloroethane	0.574	0.521	9.2	113	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
29 T	Cyclohexane	0.757	0.695	8.2	115	0.00
30 T	1,1,1-Trichloroethane	0.612	0.565	7.7	119	0.00
31 T	Carbon tetrachloride	0.519	0.485	6.6	118	0.00
32 S	Benzene-d6	1.434	1.348	6.0	116	0.00
33 T	Benzene	1.702	1.612	5.3	120	0.00
34 T	Trichloroethene	0.418	0.389	6.9	120	0.00
35 T	Methylcyclohexane	0.689	0.609	11.6	113	0.00
36 S	1,2-Dichloropropane-d6	0.491	0.453	7.7	114	0.00
37 T	1,2-Dichloropropane	0.483	0.441	8.7	116	0.00
38 T	Bromodichloromethane	0.574	0.523	8.9	117	0.00
39 T	cis-1,3-Dichloropropene	0.694	0.630	9.2	111	0.00
40 T	4-Methyl-2-pentanone	0.811	0.769	5.2	119	0.00
41 S	Toluene-d8	1.288	1.199	6.9	114	0.00
42 T	Toluene	1.766	1.687	4.5	119	0.00
43 S	trans-1,3-Dichloropropene-d	0.231	0.201	13.0	109	0.00
44 T	trans-1,3-Dichloropropene	0.611	0.567	7.2	113	0.00
45 T	1,1,2-Trichloroethane	0.408	0.387	5.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.292	0.279	4.5	120	0.00
47 S	2-Hexanone-d5	0.266	0.234	12.0	105	0.00
48 T	2-Hexanone	0.665	0.607	8.7	115	0.00
49 T	Dibromochloromethane	0.424	0.395	6.8	116	0.00
50 T	1,2-Dibromoethane	0.438	0.414	5.5	119	0.00
51 T	Chlorobenzene	1.071	1.026	4.2	122	0.00
52 T	Ethylbenzene	1.914	1.825	4.6	119	0.00
53 T	m,p-Xylene	0.691	0.654	5.4	120	0.00
54 T	o-xylene	0.674	0.654	3.0	120	0.00
55 T	Styrene	1.161	1.130	2.7	119	0.00
56 T	Isopropylbenzene	1.785	1.715	3.9	119	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.702	0.638	9.1	114	0.00
58 T	1,1,2,2-Tetrachloroethane	0.752	0.699	7.0	119	0.00
59	1,2,3-Trichloropropane	0.588	0.555	5.6	120	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	0.00
61 T	Bromoform	0.665	0.633	4.8	117	0.00
62 T	1,3-Dichlorobenzene	1.635	1.575	3.7	121	0.00
63 T	1,4-Dichlorobenzene	1.683	1.604	4.7	121	0.00
64 S	1,2-Dichlorobenzene-d4	1.002	0.927	7.5	116	0.00
65 T	1,2-Dichlorobenzene	1.653	1.599	3.3	121	0.00
66 T	1,2-Dibromo-3-chloropropane	0.368	0.342	7.1	115	0.00
67	1,3,5-Trichlorobenzene	1.224	1.182	3.4	118	0.00
68 T	1,2,4-trichlorobenzene	1.064	1.056	0.8	121	0.00
69	Naphthalene	3.782	3.669	3.0	125	0.00
70 T	1,2,3-Trichlorobenzene	1.123	1.097	2.3	122	0.00

(#) = Out of Range

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