

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\  
 Data File : VU030224.D  
 Acq On : 20 Mar 2019 15:54  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTD05048

Quant Time: Mar 22 01:05:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 22 01:01:18 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	0.423	0.427	-0.9	108	0.00
3 T	Chloromethane	0.410	0.413	-0.7	109	0.00
4 S	Vinyl Chloride-d3	0.338	0.268	20.7	84	0.00
5 T	Vinyl chloride	0.435	0.448	-3.0	109	0.00
6 T	Bromomethane	0.235	0.250	-6.4	110	0.00
7 S	Chloroethane-d5	0.270	0.224	17.0	86	0.00
8 T	Chloroethane	0.257	0.260	-1.2	107	0.00
9 T	Trichlorofluoromethane	0.552	0.573	-3.8	108	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.336	0.346	-3.0	109	0.00
11 S	1,1-Dichloroethene-d2	0.617	0.526	14.7	90	0.00
12 T	1,1-Dichloroethene	0.334	0.342	-2.4	108	0.00
13 T	Acetone	0.262	0.242	7.6	98	0.00
14 T	Carbon disulfide	0.996	0.992	0.4	106	0.00
15 T	Methyl Acetate	0.381	0.396	-3.9	109	0.00
16 T	Methylene chloride	0.378	0.389	-2.9	110	0.00
17 T	trans-1,2-Dichloroethene	0.352	0.360	-2.3	109	0.00
18 T	Methyl tert-butyl Ether	1.011	1.077	-6.5	111	0.00
19 T	1,1-Dichloroethane	0.605	0.632	-4.5	109	0.00
20 T	cis-1,2-Dichloroethene	0.385	0.411	-6.8	111	0.00
21 S	2-Butanone-d5	0.251	0.231	8.0	93	0.00
22 T	2-Butanone	0.308	0.315	-2.3	103	0.00
23 T	Bromochloromethane	0.206	0.215	-4.4	110	0.00
24 S	Chloroform-d	0.620	0.535	13.7	90	0.00
25 T	Chloroform	0.630	0.652	-3.5	109	0.00
26 S	1,2-Dichloroethane-d4	0.354	0.305	13.8	89	0.00
27 T	1,2-Dichloroethane	0.446	0.460	-3.1	108	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
29 T	Cyclohexane	0.543	0.583	-7.4	110	0.00
30 T	1,1,1-Trichloroethane	0.539	0.566	-5.0	109	0.00
31 T	Carbon tetrachloride	0.477	0.510	-6.9	112	0.00
32 S	Benzene-d6	1.318	1.126	14.6	87	0.00
33 T	Benzene	1.443	1.538	-6.6	110	0.00
34 T	Trichloroethene	0.380	0.393	-3.4	111	0.00
35 T	Methylcyclohexane	0.596	0.635	-6.5	108	0.00
36 S	1,2-Dichloropropane-d6	0.408	0.353	13.5	90	0.00
37 T	1,2-Dichloropropane	0.369	0.394	-6.8	110	0.00
38 T	Bromodichloromethane	0.475	0.504	-6.1	109	0.00
39 T	cis-1,3-Dichloropropene	0.593	0.633	-6.7	110	0.00
40 T	4-Methyl-2-pentanone	0.508	0.531	-4.5	107	0.00
41 S	Toluene-d8	1.239	1.056	14.8	88	0.00
42 T	Toluene	1.570	1.692	-7.8	110	0.00
43 S	trans-1,3-Dichloropropene-d	0.199	0.174	12.6	91	0.00
44 T	trans-1,3-Dichloropropene	0.513	0.555	-8.2	110	0.00
45 T	1,1,2-Trichloroethane	0.379	0.398	-5.0	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.321	0.338	-5.3	110	0.00
47 S	2-Hexanone-d5	0.211	0.196	7.1	94	0.00
48 T	2-Hexanone	0.421	0.436	-3.6	107	0.00
49 T	Dibromochloromethane	0.425	0.445	-4.7	109	0.00
50 T	1,2-Dibromoethane	0.420	0.441	-5.0	108	0.00
51 T	Chlorobenzene	1.039	1.079	-3.8	110	0.00
52 T	Ethylbenzene	1.705	1.819	-6.7	110	0.00
53 T	m,p-Xylene	0.657	0.713	-8.5	112	0.00
54 T	o-xylene	0.646	0.703	-8.8	110	0.00
55 T	Styrene	1.094	1.197	-9.4	110	0.00
56 T	Isopropylbenzene	1.670	1.805	-8.1	111	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.625	0.563	9.9	94	0.00
58 T	1,1,2,2-Tetrachloroethane	0.647	0.679	-4.9	111	0.00
59	1,2,3-Trichloropropane	0.499	0.510	-2.2	109	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
61 T	Bromoform	0.646	0.684	-5.9	111	0.00
62 T	1,3-Dichlorobenzene	1.595	1.647	-3.3	111	0.00
63 T	1,4-Dichlorobenzene	1.655	1.668	-0.8	110	0.00
64 S	1,2-Dichlorobenzene-d4	1.004	0.860	14.3	92	0.00
65 T	1,2-Dichlorobenzene	1.630	1.687	-3.5	110	0.00
66 T	1,2-Dibromo-3-chloropropane	0.272	0.281	-3.3	109	0.00
67	1,3,5-Trichlorobenzene	1.247	1.305	-4.7	111	0.00
68 T	1,2,4-trichlorobenzene	1.103	1.125	-2.0	109	0.00
69	Naphthalene	3.498	3.510	-0.3	106	0.00
70 T	1,2,3-Trichlorobenzene	1.150	1.183	-2.9	108	0.00

(#) = Out of Range

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