

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU010719\
 Data File : VU029046.D
 Acq On : 07 Jan 2019 09:32
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05050

Quant Time: Jan 08 01:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 00:46:50 2018
 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	109	0.00
2 T	Dichlorodifluoromethane	0.408	0.365	10.5	97	0.00
3 T	Chloromethane	0.554	0.441	20.4	86	0.00
4 S	Vinyl Chloride-d3	0.401	0.390	2.7	101	0.00
5 T	Vinyl chloride	0.490	0.443	9.6	96	0.00
6 T	Bromomethane	0.209	0.195	6.7	105	0.00
7 S	Chloroethane-d5	0.310	0.295	4.8	101	0.00
8 T	Chloroethane	0.280	0.253	9.6	95	0.00
9 T	Trichlorofluoromethane	0.501	0.467	6.8	98	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.324	0.311	4.0	102	0.00
11 S	1,1-Dichloroethene-d2	0.674	0.650	3.6	102	0.00
12 T	1,1-Dichloroethene	0.321	0.291	9.3	98	0.00
13 T	Acetone	0.286	0.295	-3.1	108	0.00
14 T	Carbon disulfide	1.120	0.955	14.7	92	0.00
15 T	Methyl Acetate	0.446	0.406	9.0	97	0.00
16 T	Methylene chloride	0.395	0.369	6.6	101	0.00
17 T	trans-1,2-Dichloroethene	0.347	0.321	7.5	98	0.00
18 T	Methyl tert-butyl Ether	1.068	1.013	5.1	101	0.00
19 T	1,1-Dichloroethane	0.675	0.632	6.4	100	0.00
20 T	cis-1,2-Dichloroethene	0.393	0.380	3.3	103	0.00
21 S	2-Butanone-d5	0.281	0.264	6.0	94	0.00
22 T	2-Butanone	0.349	0.351	-0.6	105	0.00
23 T	Bromochloromethane	0.188	0.179	4.8	101	0.00
24 S	Chloroform-d	0.630	0.615	2.4	101	0.00
25 T	Chloroform	0.643	0.603	6.2	101	0.00
26 S	1,2-Dichloroethane-d4	0.389	0.371	4.6	100	0.00
27 T	1,2-Dichloroethane	0.478	0.455	4.8	101	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
29 T	Cyclohexane	0.665	0.582	12.5	93	0.00
30 T	1,1,1-Trichloroethane	0.529	0.501	5.3	101	0.00
31 T	Carbon tetrachloride	0.427	0.418	2.1	105	0.00
32 S	Benzene-d6	1.413	1.358	3.9	100	0.00
33 T	Benzene	1.592	1.502	5.7	100	0.00
34 T	Trichloroethene	0.384	0.361	6.0	101	0.00
35 T	Methylcyclohexane	0.640	0.589	8.0	96	0.00
36 S	1,2-Dichloropropane-d6	0.480	0.451	6.0	99	0.00
37 T	1,2-Dichloropropane	0.445	0.423	4.9	101	0.00
38 T	Bromodichloromethane	0.493	0.479	2.8	103	0.00
39 T	cis-1,3-Dichloropropene	0.634	0.601	5.2	101	0.00
40 T	4-Methyl-2-pentanone	0.598	0.560	6.4	99	0.00
41 S	Toluene-d8	1.280	1.254	2.0	101	0.00
42 T	Toluene	1.614	1.547	4.2	101	0.00
43 S	trans-1,3-Dichloropropene-d	0.215	0.207	3.7	98	0.00
44 T	trans-1,3-Dichloropropene	0.565	0.546	3.4	100	0.00
45 T	1,1,2-Trichloroethane	0.380	0.368	3.2	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.296	0.290	2.0	107	0.00
47 S	2-Hexanone-d5	0.228	0.197	13.6	86	0.00
48 T	2-Hexanone	0.491	0.472	3.9	100	0.00
49 T	Dibromochloromethane	0.379	0.382	-0.8	107	0.00
50 T	1,2-Dibromoethane	0.396	0.390	1.5	103	0.00
51 T	Chlorobenzene	1.017	0.985	3.1	104	0.00
52 T	Ethylbenzene	1.734	1.669	3.7	102	0.00
53 T	m,p-Xylene	0.641	0.627	2.2	102	0.00
54 T	o-xylene	0.643	0.629	2.2	102	0.00
55 T	Styrene	1.088	1.078	0.9	103	0.00
56 T	Isopropylbenzene	1.630	1.595	2.1	103	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.666	0.633	5.0	101	0.00
58 T	1,1,2,2-Tetrachloroethane	0.691	0.662	4.2	103	0.00
59	1,2,3-Trichloropropane	0.531	0.506	4.7	103	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
61 T	Bromoform	0.620	0.633	-2.1	110	0.00
62 T	1,3-Dichlorobenzene	1.588	1.538	3.1	105	0.00
63 T	1,4-Dichlorobenzene	1.636	1.571	4.0	106	0.00
64 S	1,2-Dichlorobenzene-d4	1.011	0.974	3.7	102	0.00
65 T	1,2-Dichlorobenzene	1.657	1.617	2.4	105	0.00
66 T	1,2-Dibromo-3-chloropropane	0.286	0.279	2.4	106	0.00
67	1,3,5-Trichlorobenzene	1.171	1.145	2.2	105	0.00
68 T	1,2,4-trichlorobenzene	0.981	0.992	-1.1	107	0.00
69	Naphthalene	3.405	3.287	3.5	102	0.00
70 T	1,2,3-Trichlorobenzene	1.057	1.034	2.2	105	0.00

(#) = Out of Range

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