

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040619\
 Data File : VU030746.D
 Acq On : 05 Apr 2019 17:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05051

Quant Time: Apr 06 02:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 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	76	0.00
2 T	Dichlorodifluoromethane	0.439	0.434	1.1	78	0.00
3 T	Chloromethane	0.568	0.538	5.3	75	0.00
4 S	Vinyl Chloride-d3	0.446	0.397	11.0	69	0.00
5 T	Vinyl chloride	0.550	0.527	4.2	74	0.00
6 T	Bromomethane	0.285	0.275	3.5	75	0.00
7 S	Chloroethane-d5	0.339	0.318	6.2	72	0.00
8 T	Chloroethane	0.314	0.306	2.5	77	0.00
9 T	Trichlorofluoromethane	0.641	0.647	-0.9	79	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.358	0.366	-2.2	82	0.00
11 S	1,1-Dichloroethene-d2	0.807	0.764	5.3	74	0.00
12 T	1,1-Dichloroethene	0.346	0.344	0.6	77	0.00
13 T	Acetone	0.362	0.394	-8.8	84	0.00
14 T	Carbon disulfide	1.074	1.054	1.9	76	0.00
15 T	Methyl Acetate	0.561	0.574	-2.3	78	0.00
16 T	Methylene chloride	0.420	0.395	6.0	73	0.00
17 T	trans-1,2-Dichloroethene	0.367	0.349	4.9	74	0.00
18 T	Methyl tert-butyl Ether	1.229	1.187	3.4	75	0.00
19 T	1,1-Dichloroethane	0.757	0.768	-1.5	79	0.00
20 T	cis-1,2-Dichloroethene	0.405	0.392	3.2	76	0.00
21 S	2-Butanone-d5	0.354	0.363	-2.5	76	0.00
22 T	2-Butanone	0.424	0.461	-8.7	78	0.00
23 T	Bromochloromethane	0.192	0.189	1.6	76	0.00
24 S	Chloroform-d	0.682	0.672	1.5	75	0.00
25 T	Chloroform	0.761	0.745	2.1	77	0.00
26 S	1,2-Dichloroethane-d4	0.465	0.453	2.6	74	0.00
27 T	1,2-Dichloroethane	0.581	0.584	-0.5	79	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
29 T	Cyclohexane	0.713	0.697	2.2	74	0.00
30 T	1,1,1-Trichloroethane	0.609	0.616	-1.1	78	0.00
31 T	Carbon tetrachloride	0.525	0.529	-0.8	77	0.00
32 S	Benzene-d6	1.460	1.411	3.4	73	0.00
33 T	Benzene	1.636	1.674	-2.3	78	0.00
34 T	Trichloroethene	0.401	0.408	-1.7	78	0.00
35 T	Methylcyclohexane	0.619	0.635	-2.6	78	0.00
36 S	1,2-Dichloropropane-d6	0.500	0.494	1.2	74	0.00
37 T	1,2-Dichloropropane	0.463	0.461	0.4	77	0.00
38 T	Bromodichloromethane	0.559	0.560	-0.2	77	0.00
39 T	cis-1,3-Dichloropropene	0.659	0.681	-3.3	76	0.00
40 T	4-Methyl-2-pentanone	0.745	0.759	-1.9	75	0.00
41 S	Toluene-d8	1.294	1.265	2.2	71	0.00
42 T	Toluene	1.670	1.690	-1.2	75	0.00
43 S	trans-1,3-Dichloropropene-d	0.228	0.228	0.0	73	0.00
44 T	trans-1,3-Dichloropropene	0.581	0.610	-5.0	78	0.00
45 T	1,1,2-Trichloroethane	0.393	0.398	-1.3	79	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.292	0.300	-2.7	80	0.00
47 S	2-Hexanone-d5	0.229	0.223	2.6	69	0.00
48 T	2-Hexanone	0.581	0.628	-8.1	76	0.00
49 T	Dibromochloromethane	0.417	0.421	-1.0	77	0.00
50 T	1,2-Dibromoethane	0.425	0.423	0.5	76	0.00
51 T	Chlorobenzene	1.024	1.020	0.4	76	0.00
52 T	Ethylbenzene	1.821	1.823	-0.1	76	0.00
53 T	m,p-Xylene	0.635	0.652	-2.7	77	0.00
54 T	o-xylene	0.632	0.632	0.0	75	0.00
55 T	Styrene	1.083	1.122	-3.6	75	0.00
56 T	Isopropylbenzene	1.663	1.712	-2.9	76	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.675	0.679	-0.6	74	0.00
58 T	1,1,2,2-Tetrachloroethane	0.711	0.714	-0.4	76	0.00
59	1,2,3-Trichloropropane	0.555	0.566	-2.0	76	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
61 T	Bromoform	0.661	0.645	2.4	77	0.00
62 T	1,3-Dichlorobenzene	1.580	1.561	1.2	77	0.00
63 T	1,4-Dichlorobenzene	1.607	1.566	2.6	77	0.00
64 S	1,2-Dichlorobenzene-d4	0.983	0.935	4.9	73	0.00
65 T	1,2-Dichlorobenzene	1.585	1.557	1.8	76	0.00
66 T	1,2-Dibromo-3-chloropropane	0.337	0.334	0.9	76	0.00
67	1,3,5-Trichlorobenzene	1.155	1.157	-0.2	77	0.00
68 T	1,2,4-trichlorobenzene	0.982	0.988	-0.6	75	0.00
69	Naphthalene	3.183	3.139	1.4	71	0.00
70 T	1,2,3-Trichlorobenzene	1.026	1.009	1.7	74	0.00

(#) = Out of Range

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