

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071918\
 Data File : VU025512.D
 Acq On : 19 Jul 2018 09:46
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05051

Quant Time: Jul 20 02:35:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 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	95	0.00
2 T	Dichlorodifluoromethane	0.411	0.413	-0.5	103	0.00
3 T	Chloromethane	0.364	0.363	0.3	99	0.00
4 S	Vinyl Chloride-d3	0.236	0.205	13.1	83	0.00
5 T	Vinyl chloride	0.366	0.362	1.1	97	0.00
6 T	Bromomethane	0.199	0.234	-17.6	112	0.00
7 S	Chloroethane-d5	0.201	0.187	7.0	93	0.00
8 T	Chloroethane	0.219	0.222	-1.4	101	0.00
9 T	Trichlorofluoromethane	0.538	0.555	-3.2	104	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.292	0.317	-8.6	117	0.00
11 S	1,1-Dichloroethene-d2	0.518	0.494	4.6	93	0.00
12 T	1,1-Dichloroethene	0.271	0.274	-1.1	100	0.00
13 T	Acetone	0.219	0.260	-18.7	128	0.00
14 T	Carbon disulfide	0.876	0.844	3.7	97	0.00
15 T	Methyl Acetate	0.405	0.344	15.1	82	0.00
16 T	Methylene chloride	0.354	0.367	-3.7	101	0.00
17 T	trans-1,2-Dichloroethene	0.321	0.325	-1.2	99	0.00
18 T	Methyl tert-butyl Ether	1.136	1.104	2.8	92	0.00
19 T	1,1-Dichloroethane	0.641	0.638	0.5	96	0.00
20 T	cis-1,2-Dichloroethene	0.392	0.381	2.8	95	0.00
21 S	2-Butanone-d5	0.251	0.216	13.9	79	0.00
22 T	2-Butanone	0.302	0.297	1.7	95	0.00
23 T	Bromochloromethane	0.197	0.202	-2.5	97	0.00
24 S	Chloroform-d	0.612	0.594	2.9	92	0.00
25 T	Chloroform	0.674	0.670	0.6	95	0.00
26 S	1,2-Dichloroethane-d4	0.416	0.389	6.5	89	0.00
27 T	1,2-Dichloroethane	0.560	0.542	3.2	93	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
29 T	Cyclohexane	0.576	0.580	-0.7	103	0.00
30 T	1,1,1-Trichloroethane	0.665	0.652	2.0	97	0.00
31 T	Carbon tetrachloride	0.585	0.585	0.0	98	0.00
32 S	Benzene-d6	1.208	1.121	7.2	89	0.00
33 T	Benzene	1.479	1.452	1.8	97	0.00
34 T	Trichloroethene	0.392	0.383	2.3	99	0.00
35 T	Methylcyclohexane	0.595	0.631	-6.1	117	0.00
36 S	1,2-Dichloropropane-d6	0.400	0.382	4.5	92	0.00
37 T	1,2-Dichloropropane	0.408	0.400	2.0	95	0.00
38 T	Bromodichloromethane	0.551	0.543	1.5	96	0.00
39 T	cis-1,3-Dichloropropene	0.632	0.644	-1.9	97	0.00
40 T	4-Methyl-2-pentanone	0.592	0.501	15.4	83	0.00
41 S	Toluene-d8	1.170	1.094	6.5	91	0.00
42 T	Toluene	1.577	1.597	-1.3	101	0.00
43 S	trans-1,3-Dichloropropene-d	0.208	0.195	6.2	90	0.00
44 T	trans-1,3-Dichloropropene	0.607	0.608	-0.2	98	0.00
45 T	1,1,2-Trichloroethane	0.387	0.387	0.0	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.327	0.334	-2.1	109	0.00
47 S	2-Hexanone-d5	0.207	0.169	18.4	78	0.00
48 T	2-Hexanone	0.473	0.427	9.7	89	0.00
49 T	Dibromochloromethane	0.468	0.466	0.4	97	0.00
50 T	1,2-Dibromoethane	0.427	0.409	4.2	94	0.00
51 T	Chlorobenzene	1.058	1.079	-2.0	102	0.00
52 T	Ethylbenzene	1.761	1.789	-1.6	102	0.00
53 T	m,p-Xylene	0.675	0.696	-3.1	105	0.00
54 T	o-xylene	0.681	0.698	-2.5	103	0.00
55 T	Styrene	1.124	1.172	-4.3	103	0.00
56 T	Isopropylbenzene	1.763	1.825	-3.5	105	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.594	0.562	5.4	92	0.00
58 T	1,1,2,2-Tetrachloroethane	0.666	0.617	7.4	93	0.00
59	1,2,3-Trichloropropane	0.543	0.487	10.3	90	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
61 T	Bromoform	0.705	0.658	6.7	95	0.00
62 T	1,3-Dichlorobenzene	1.657	1.666	-0.5	110	0.00
63 T	1,4-Dichlorobenzene	1.675	1.681	-0.4	111	0.00
64 S	1,2-Dichlorobenzene-d4	1.002	0.940	6.2	99	0.00
65 T	1,2-Dichlorobenzene	1.750	1.749	0.1	108	0.00
66 T	1,2-Dibromo-3-chloropropane	0.327	0.259	20.8	81	0.00
67	1,3,5-Trichlorobenzene	1.274	1.334	-4.7	122	0.00
68 T	1,2,4-trichlorobenzene	1.136	1.132	0.4	113	0.00
69	Naphthalene	3.930	3.381	14.0	89	0.00
70 T	1,2,3-Trichlorobenzene	1.225	1.187	3.1	105	0.00

(#) = Out of Range

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