

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033512.D
 Acq On : 31 Jul 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05041

Quant Time: Aug 01 07:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 08:02:52 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	99	0.00
2 T	Dichlorodifluoromethane	0.472	0.476	-0.8	100	0.00
3 T	Chloromethane	0.475	0.465	2.1	95	0.00
4 S	Vinyl Chloride-d3	0.364	0.330	9.3	93	0.00
5 T	Vinyl chloride	0.509	0.498	2.2	97	0.00
6 T	Bromomethane	0.449	0.326	27.4#	74	0.00
7 S	Chloroethane-d5	0.312	0.327	-4.8	103	0.00
8 T	Chloroethane	0.309	0.351	-13.6	107	0.00
9 T	Trichlorofluoromethane	0.666	0.677	-1.7	99	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.338	0.343	-1.5	102	0.00
11 S	1,1-Dichloroethene-d2	0.660	0.619	6.2	98	0.00
12 T	1,1-Dichloroethene	0.324	0.317	2.2	97	0.00
13 T	Acetone	0.246	0.277	-12.6	106	0.00
14 T	Carbon disulfide	1.016	0.977	3.8	97	0.00
15 T	Methyl Acetate	0.392	0.395	-0.8	98	0.00
16 T	Methylene chloride	0.370	0.366	1.1	97	0.00
17 T	trans-1,2-Dichloroethene	0.339	0.330	2.7	96	0.00
18 T	Methyl tert-butyl Ether	1.034	1.010	2.3	94	0.00
19 T	1,1-Dichloroethane	0.637	0.622	2.4	95	0.00
20 T	cis-1,2-Dichloroethene	0.381	0.370	2.9	96	0.00
21 S	2-Butanone-d5	0.241	0.253	-5.0	104	0.00
22 T	2-Butanone	0.294	0.324	-10.2	100	0.00
23 T	Bromochloromethane	0.199	0.199	0.0	97	0.00
24 S	Chloroform-d	0.609	0.607	0.3	102	0.00
25 T	Chloroform	0.670	0.650	3.0	93	0.00
26 S	1,2-Dichloroethane-d4	0.386	0.377	2.3	100	0.00
27 T	1,2-Dichloroethane	0.516	0.505	2.1	95	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
29 T	Cyclohexane	0.545	0.539	1.1	96	0.00
30 T	1,1,1-Trichloroethane	0.575	0.561	2.4	96	0.00
31 T	Carbon tetrachloride	0.501	0.500	0.2	98	0.00
32 S	Benzene-d6	1.239	1.206	2.7	99	0.00
33 T	Benzene	1.442	1.420	1.5	95	0.00
34 T	Trichloroethene	0.380	0.367	3.4	97	0.00
35 T	Methylcyclohexane	0.594	0.606	-2.0	99	0.00
36 S	1,2-Dichloropropane-d6	0.389	0.377	3.1	99	0.00
37 T	1,2-Dichloropropane	0.386	0.377	2.3	96	0.00
38 T	Bromodichloromethane	0.499	0.489	2.0	96	0.00
39 T	cis-1,3-Dichloropropene	0.603	0.589	2.3	95	0.00
40 T	4-Methyl-2-pentanone	0.533	0.539	-1.1	97	0.00
41 S	Toluene-d8	1.161	1.143	1.6	99	0.00
42 T	Toluene	1.551	1.558	-0.5	96	0.00
43 S	trans-1,3-Dichloropropene-d	0.193	0.184	4.7	98	0.00
44 T	trans-1,3-Dichloropropene	0.545	0.538	1.3	95	0.00
45 T	1,1,2-Trichloroethane	0.367	0.355	3.3	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.311	0.307	1.3	97	0.00
47 S	2-Hexanone-d5	0.184	0.189	-2.7	100	0.00
48 T	2-Hexanone	0.431	0.449	-4.2	98	0.00
49 T	Dibromochloromethane	0.417	0.413	1.0	96	0.00
50 T	1,2-Dibromoethane	0.406	0.398	2.0	95	0.00
51 T	Chlorobenzene	1.015	0.989	2.6	95	0.00
52 T	Ethylbenzene	1.670	1.664	0.4	95	0.00
53 T	m,p-Xylene	0.641	0.645	-0.6	97	0.00
54 T	o-xylene	0.622	0.619	0.5	93	0.00
55 T	Styrene	1.056	1.084	-2.7	95	0.00
56 T	Isopropylbenzene	1.625	1.624	0.1	95	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.599	0.576	3.8	100	0.00
58 T	1,1,2,2-Tetrachloroethane	0.661	0.643	2.7	95	0.00
59	1,2,3-Trichloropropane	0.510	0.500	2.0	95	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
61 T	Bromoform	0.604	0.594	1.7	95	0.00
62 T	1,3-Dichlorobenzene	1.536	1.507	1.9	97	0.00
63 T	1,4-Dichlorobenzene	1.595	1.541	3.4	97	0.00
64 S	1,2-Dichlorobenzene-d4	0.916	0.859	6.2	100	0.00
65 T	1,2-Dichlorobenzene	1.553	1.517	2.3	96	0.00
66 T	1,2-Dibromo-3-chloropropane	0.287	0.285	0.7	98	0.00
67	1,3,5-Trichlorobenzene	1.239	1.191	3.9	96	0.00
68 T	1,2,4-trichlorobenzene	1.059	1.026	3.1	94	0.00
69	Naphthalene	3.037	2.967	2.3	92	0.00
70 T	1,2,3-Trichlorobenzene	1.113	1.079	3.1	94	0.00

(#) = Out of Range

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