

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033534.D
 Acq On : 31 Jul 2019 18:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05042

Quant Time: Aug 01 07:27:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 07:20:33 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	93	0.00
2 T	Dichlorodifluoromethane	0.472	0.481	-1.9	94	0.00
3 T	Chloromethane	0.475	0.491	-3.4	94	0.00
4 S	Vinyl Chloride-d3	0.364	0.316	13.2	83	0.00
5 T	Vinyl chloride	0.509	0.523	-2.8	95	0.00
6 T	Bromomethane	0.449	0.322	28.3#	68	0.00
7 S	Chloroethane-d5	0.312	0.280	10.3	83	0.00
8 T	Chloroethane	0.309	0.320	-3.6	91	0.00
9 T	Trichlorofluoromethane	0.666	0.691	-3.8	95	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.338	0.351	-3.8	97	0.00
11 S	1,1-Dichloroethene-d2	0.660	0.640	3.0	95	0.00
12 T	1,1-Dichloroethene	0.324	0.335	-3.4	96	0.00
13 T	Acetone	0.246	0.221	10.2	79	-0.02
14 T	Carbon disulfide	1.016	0.992	2.4	92	0.00
15 T	Methyl Acetate	0.392	0.412	-5.1	95	0.00
16 T	Methylene chloride	0.370	0.388	-4.9	96	0.00
17 T	trans-1,2-Dichloroethene	0.339	0.343	-1.2	93	0.00
18 T	Methyl tert-butyl Ether	1.034	1.067	-3.2	93	0.00
19 T	1,1-Dichloroethane	0.637	0.660	-3.6	95	0.00
20 T	cis-1,2-Dichloroethene	0.381	0.387	-1.6	94	0.00
21 S	2-Butanone-d5	0.241	0.251	-4.1	97	-0.01
22 T	2-Butanone	0.294	0.309	-5.1	89	-0.02
23 T	Bromochloromethane	0.199	0.201	-1.0	92	0.00
24 S	Chloroform-d	0.609	0.598	1.8	94	0.00
25 T	Chloroform	0.670	0.707	-5.5	95	0.00
26 S	1,2-Dichloroethane-d4	0.386	0.375	2.8	93	0.00
27 T	1,2-Dichloroethane	0.516	0.550	-6.6	96	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
29 T	Cyclohexane	0.545	0.542	0.6	91	0.00
30 T	1,1,1-Trichloroethane	0.575	0.582	-1.2	94	0.00
31 T	Carbon tetrachloride	0.501	0.513	-2.4	94	0.00
32 S	Benzene-d6	1.239	1.156	6.7	89	0.00
33 T	Benzene	1.442	1.478	-2.5	93	0.00
34 T	Trichloroethene	0.380	0.384	-1.1	96	0.00
35 T	Methylcyclohexane	0.594	0.589	0.8	91	0.00
36 S	1,2-Dichloropropane-d6	0.389	0.372	4.4	92	0.00
37 T	1,2-Dichloropropane	0.386	0.396	-2.6	95	0.00
38 T	Bromodichloromethane	0.499	0.511	-2.4	95	0.00
39 T	cis-1,3-Dichloropropene	0.603	0.600	0.5	91	0.00
40 T	4-Methyl-2-pentanone	0.533	0.558	-4.7	94	0.00
41 S	Toluene-d8	1.161	1.085	6.5	89	0.00
42 T	Toluene	1.551	1.620	-4.4	94	0.00
43 S	trans-1,3-Dichloropropene-d	0.193	0.183	5.2	92	0.00
44 T	trans-1,3-Dichloropropene	0.545	0.553	-1.5	93	0.00
45 T	1,1,2-Trichloroethane	0.367	0.382	-4.1	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.311	0.310	0.3	93	0.00
47 S	2-Hexanone-d5	0.184	0.188	-2.2	94	0.00
48 T	2-Hexanone	0.431	0.444	-3.0	91	0.00
49 T	Dibromochloromethane	0.417	0.425	-1.9	93	0.00
50 T	1,2-Dibromoethane	0.406	0.409	-0.7	92	0.00
51 T	Chlorobenzene	1.015	1.032	-1.7	94	0.00
52 T	Ethylbenzene	1.670	1.720	-3.0	93	0.00
53 T	m,p-Xylene	0.641	0.667	-4.1	95	0.00
54 T	o-xylene	0.622	0.652	-4.8	93	0.00
55 T	Styrene	1.056	1.145	-8.4	95	0.00
56 T	Isopropylbenzene	1.625	1.703	-4.8	94	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.599	0.596	0.5	98	0.00
58 T	1,1,2,2-Tetrachloroethane	0.661	0.680	-2.9	95	0.00
59	1,2,3-Trichloropropane	0.510	0.531	-4.1	96	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
61 T	Bromoform	0.604	0.589	2.5	93	0.00
62 T	1,3-Dichlorobenzene	1.536	1.511	1.6	95	0.00
63 T	1,4-Dichlorobenzene	1.595	1.528	4.2	94	0.00
64 S	1,2-Dichlorobenzene-d4	0.916	0.820	10.5	93	0.00
65 T	1,2-Dichlorobenzene	1.553	1.543	0.6	96	0.00
66 T	1,2-Dibromo-3-chloropropane	0.287	0.277	3.5	93	0.00
67	1,3,5-Trichlorobenzene	1.239	1.161	6.3	92	0.00
68 T	1,2,4-trichlorobenzene	1.059	0.977	7.7	88	0.00
69	Naphthalene	3.037	2.883	5.1	87	0.00
70 T	1,2,3-Trichlorobenzene	1.113	1.060	4.8	91	0.00

(#) = Out of Range

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