

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031619\
 Data File : VU030098.D
 Acq On : 15 Mar 2019 10:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05038

Quant Time: Mar 16 00:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 02:44:49 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	100	0.00
2 T	Dichlorodifluoromethane	0.316	0.286	9.5	93	0.00
3 T	Chloromethane	0.349	0.300	14.0	90	0.00
4 S	Vinyl Chloride-d3	0.331	0.300	9.4	89	0.00
5 T	Vinyl chloride	0.382	0.338	11.5	92	0.00
6 T	Bromomethane	0.237	0.171	27.8#	71	0.00
7 S	Chloroethane-d5	0.267	0.247	7.5	92	0.00
8 T	Chloroethane	0.250	0.211	15.6	90	0.00
9 T	Trichlorofluoromethane	0.512	0.471	8.0	95	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.328	0.311	5.2	98	0.00
11 S	1,1-Dichloroethene-d2	0.597	0.536	10.2	90	0.00
12 T	1,1-Dichloroethene	0.313	0.282	9.9	94	0.00
13 T	Acetone	0.290	0.229	21.0	82	0.00
14 T	Carbon disulfide	0.971	0.848	12.7	90	0.00
15 T	Methyl Acetate	0.374	0.340	9.1	92	0.00
16 T	Methylene chloride	0.370	0.333	10.0	93	0.00
17 T	trans-1,2-Dichloroethene	0.341	0.311	8.8	93	0.00
18 T	Methyl tert-butyl Ether	1.012	0.942	6.9	95	0.00
19 T	1,1-Dichloroethane	0.586	0.551	6.0	97	0.00
20 T	cis-1,2-Dichloroethene	0.389	0.357	8.2	94	0.00
21 S	2-Butanone-d5	0.248	0.228	8.1	90	0.00
22 T	2-Butanone	0.330	0.279	15.5	83	0.00
23 T	Bromochloromethane	0.201	0.184	8.5	93	0.00
24 S	Chloroform-d	0.593	0.556	6.2	92	0.00
25 T	Chloroform	0.615	0.579	5.9	96	0.00
26 S	1,2-Dichloroethane-d4	0.343	0.319	7.0	92	0.00
27 T	1,2-Dichloroethane	0.442	0.411	7.0	95	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
29 T	Cyclohexane	0.551	0.505	8.3	92	0.00
30 T	1,1,1-Trichloroethane	0.546	0.504	7.7	95	0.00
31 T	Carbon tetrachloride	0.482	0.445	7.7	94	0.00
32 S	Benzene-d6	1.287	1.208	6.1	92	0.00
33 T	Benzene	1.431	1.338	6.5	96	0.00
34 T	Trichloroethene	0.375	0.351	6.4	96	0.00
35 T	Methylcyclohexane	0.608	0.573	5.8	96	0.00
36 S	1,2-Dichloropropane-d6	0.394	0.370	6.1	92	0.00
37 T	1,2-Dichloropropane	0.376	0.354	5.9	96	0.00
38 T	Bromodichloromethane	0.468	0.454	3.0	98	0.00
39 T	cis-1,3-Dichloropropene	0.586	0.563	3.9	97	0.00
40 T	4-Methyl-2-pentanone	0.508	0.466	8.3	92	0.00
41 S	Toluene-d8	1.205	1.124	6.7	90	0.00
42 T	Toluene	1.556	1.465	5.8	95	0.00
43 S	trans-1,3-Dichloropropene-d	0.191	0.182	4.7	93	0.00
44 T	trans-1,3-Dichloropropene	0.535	0.514	3.9	96	0.00
45 T	1,1,2-Trichloroethane	0.376	0.358	4.8	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.328	0.308	6.1	96	0.00
47 S	2-Hexanone-d5	0.220	0.200	9.1	87	0.00
48 T	2-Hexanone	0.434	0.385	11.3	87	0.00
49 T	Dibromochloromethane	0.421	0.403	4.3	96	0.00
50 T	1,2-Dibromoethane	0.415	0.388	6.5	95	0.00
51 T	Chlorobenzene	1.049	0.976	7.0	96	0.00
52 T	Ethylbenzene	1.713	1.605	6.3	95	0.00
53 T	m,p-Xylene	0.663	0.631	4.8	94	0.00
54 T	o-xylene	0.651	0.616	5.4	94	0.00
55 T	Styrene	1.108	1.080	2.5	96	0.00
56 T	Isopropylbenzene	1.704	1.625	4.6	96	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.605	0.563	6.9	93	0.00
58 T	1,1,2,2-Tetrachloroethane	0.646	0.602	6.8	95	0.00
59	1,2,3-Trichloropropane	0.490	0.453	7.6	94	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
61 T	Bromoform	0.622	0.607	2.4	99	0.00
62 T	1,3-Dichlorobenzene	1.615	1.505	6.8	97	0.00
63 T	1,4-Dichlorobenzene	1.642	1.559	5.1	100	0.00
64 S	1,2-Dichlorobenzene-d4	0.969	0.886	8.6	93	0.00
65 T	1,2-Dichlorobenzene	1.625	1.527	6.0	97	0.00
66 T	1,2-Dibromo-3-chloropropane	0.264	0.240	9.1	92	0.00
67	1,3,5-Trichlorobenzene	1.253	1.206	3.8	100	0.00
68 T	1,2,4-trichlorobenzene	1.146	1.109	3.2	100	0.00
69	Naphthalene	3.725	3.463	7.0	93	0.00
70 T	1,2,3-Trichlorobenzene	1.191	1.134	4.8	97	0.00

(#) = Out of Range

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