

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072618\
 Data File : VU025656.D
 Acq On : 26 Jul 2018 18:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05042

Quant Time: Jul 27 02:05:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 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	87	0.00
2 T	Dichlorodifluoromethane	0.493	0.432	12.4	80	0.00
3 T	Chloromethane	0.356	0.367	-3.1	95	0.00
4 S	Vinyl Chloride-d3	0.285	0.232	18.6	72	0.00
5 T	Vinyl chloride	0.390	0.361	7.4	83	0.00
6 T	Bromomethane	0.136	0.162	-19.1	107	0.00
7 S	Chloroethane-d5	0.235	0.199	15.3	77	0.00
8 T	Chloroethane	0.230	0.216	6.1	84	0.00
9 T	Trichlorofluoromethane	0.556	0.520	6.5	85	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.311	0.307	1.3	86	0.00
11 S	1,1-Dichloroethene-d2	0.594	0.518	12.8	77	0.00
12 T	1,1-Dichloroethene	0.282	0.274	2.8	86	0.00
13 T	Acetone	0.259	0.205	20.8	72	0.00
14 T	Carbon disulfide	0.919	0.831	9.6	82	0.00
15 T	Methyl Acetate	0.358	0.397	-10.9	98	0.00
16 T	Methylene chloride	0.352	0.344	2.3	88	0.00
17 T	trans-1,2-Dichloroethene	0.325	0.306	5.8	86	0.00
18 T	Methyl tert-butyl Ether	1.058	1.041	1.6	88	0.00
19 T	1,1-Dichloroethane	0.618	0.598	3.2	87	0.00
20 T	cis-1,2-Dichloroethene	0.367	0.356	3.0	87	0.00
21 S	2-Butanone-d5	0.220	0.248	-12.7	96	0.00
22 T	2-Butanone	0.288	0.292	-1.4	90	0.00
23 T	Bromochloromethane	0.194	0.191	1.5	87	0.00
24 S	Chloroform-d	0.636	0.572	10.1	78	0.00
25 T	Chloroform	0.650	0.644	0.9	89	0.00
26 S	1,2-Dichloroethane-d4	0.420	0.388	7.6	82	0.00
27 T	1,2-Dichloroethane	0.530	0.528	0.4	88	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
29 T	Cyclohexane	0.579	0.529	8.6	82	0.00
30 T	1,1,1-Trichloroethane	0.626	0.600	4.2	87	0.00
31 T	Carbon tetrachloride	0.579	0.544	6.0	86	0.00
32 S	Benzene-d6	1.282	1.102	14.0	76	0.00
33 T	Benzene	1.437	1.369	4.7	86	0.00
34 T	Trichloroethene	0.381	0.374	1.8	90	0.00
35 T	Methylcyclohexane	0.615	0.570	7.3	84	0.00
36 S	1,2-Dichloropropane-d6	0.413	0.365	11.6	80	0.00
37 T	1,2-Dichloropropane	0.393	0.381	3.1	88	0.00
38 T	Bromodichloromethane	0.518	0.508	1.9	90	0.00
39 T	cis-1,3-Dichloropropene	0.609	0.595	2.3	85	0.00
40 T	4-Methyl-2-pentanone	0.516	0.575	-11.4	98	0.00
41 S	Toluene-d8	1.230	1.044	15.1	74	0.00
42 T	Toluene	1.549	1.502	3.0	87	0.00
43 S	trans-1,3-Dichloropropene-d	0.211	0.181	14.2	75	0.00
44 T	trans-1,3-Dichloropropene	0.574	0.578	-0.7	90	0.00
45 T	1,1,2-Trichloroethane	0.377	0.362	4.0	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.330	0.314	4.8	85	0.00
47 S	2-Hexanone-d5	0.173	0.189	-9.2	95	0.00
48 T	2-Hexanone	0.436	0.465	-6.7	96	0.00
49 T	Dibromochloromethane	0.442	0.438	0.9	88	0.00
50 T	1,2-Dibromoethane	0.406	0.403	0.7	90	0.00
51 T	Chlorobenzene	1.043	1.027	1.5	90	0.00
52 T	Ethylbenzene	1.710	1.681	1.7	88	0.00
53 T	m,p-Xylene	0.655	0.656	-0.2	89	0.00
54 T	o-xylene	0.665	0.640	3.8	86	0.00
55 T	Styrene	1.082	1.108	-2.4	90	0.00
56 T	Isopropylbenzene	1.715	1.711	0.2	88	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.578	0.564	2.4	86	0.00
58 T	1,1,2,2-Tetrachloroethane	0.607	0.626	-3.1	93	0.00
59	1,2,3-Trichloropropane	0.461	0.469	-1.7	92	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
61 T	Bromoform	0.647	0.602	7.0	91	0.00
62 T	1,3-Dichlorobenzene	1.582	1.516	4.2	92	0.00
63 T	1,4-Dichlorobenzene	1.614	1.565	3.0	93	0.00
64 S	1,2-Dichlorobenzene-d4	1.013	0.863	14.8	80	0.00
65 T	1,2-Dichlorobenzene	1.657	1.572	5.1	90	0.00
66 T	1,2-Dibromo-3-chloropropane	0.261	0.275	-5.4	100	0.00
67	1,3,5-Trichlorobenzene	1.221	1.231	-0.8	96	0.00
68 T	1,2,4-trichlorobenzene	1.026	1.074	-4.7	97	0.00
69	Naphthalene	3.086	3.328	-7.8	97	0.00
70 T	1,2,3-Trichlorobenzene	1.085	1.115	-2.8	96	0.00

(#) = Out of Range

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