

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072418\
 Data File : VU025624.D
 Acq On : 24 Jul 2018 14:39
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD05067

Quant Time: Jul 25 02:27:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 25 02:26:32 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	93	0.00
2 T	Dichlorodifluoromethane	0.493	0.430	12.8	84	0.00
3 T	Chloromethane	0.356	0.345	3.1	94	0.00
4 S	Vinyl Chloride-d3	0.285	0.296	-3.9	98	0.00
5 T	Vinyl chloride	0.390	0.341	12.6	83	0.00
6 T	Bromomethane	0.136	0.144	-5.9	101	0.00
7 S	Chloroethane-d5	0.235	0.238	-1.3	97	0.00
8 T	Chloroethane	0.230	0.199	13.5	83	0.00
9 T	Trichlorofluoromethane	0.556	0.495	11.0	86	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.311	0.288	7.4	85	0.00
11 S	1,1-Dichloroethene-d2	0.594	0.595	-0.2	93	0.00
12 T	1,1-Dichloroethene	0.282	0.257	8.9	86	0.00
13 T	Acetone	0.259	0.211	18.5	79	0.00
14 T	Carbon disulfide	0.919	0.796	13.4	83	0.00
15 T	Methyl Acetate	0.358	0.353	1.4	93	0.00
16 T	Methylene chloride	0.352	0.315	10.5	86	0.00
17 T	trans-1,2-Dichloroethene	0.325	0.290	10.8	87	0.00
18 T	Methyl tert-butyl Ether	1.058	0.986	6.8	88	0.00
19 T	1,1-Dichloroethane	0.618	0.563	8.9	87	0.00
20 T	cis-1,2-Dichloroethene	0.367	0.334	9.0	86	0.00
21 S	2-Butanone-d5	0.220	0.255	-15.9	105	0.00
22 T	2-Butanone	0.288	0.265	8.0	87	0.00
23 T	Bromochloromethane	0.194	0.182	6.2	88	0.00
24 S	Chloroform-d	0.636	0.655	-3.0	95	0.00
25 T	Chloroform	0.650	0.603	7.2	88	0.00
26 S	1,2-Dichloroethane-d4	0.420	0.431	-2.6	96	0.00
27 T	1,2-Dichloroethane	0.530	0.492	7.2	87	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
29 T	Cyclohexane	0.579	0.514	11.2	85	0.00
30 T	1,1,1-Trichloroethane	0.626	0.563	10.1	87	0.00
31 T	Carbon tetrachloride	0.579	0.514	11.2	87	0.00
32 S	Benzene-d6	1.282	1.294	-0.9	96	0.00
33 T	Benzene	1.437	1.293	10.0	87	0.00
34 T	Trichloroethene	0.381	0.348	8.7	90	0.00
35 T	Methylcyclohexane	0.615	0.562	8.6	89	0.00
36 S	1,2-Dichloropropane-d6	0.413	0.420	-1.7	99	0.00
37 T	1,2-Dichloropropane	0.393	0.358	8.9	88	0.00
38 T	Bromodichloromethane	0.518	0.471	9.1	89	0.00
39 T	cis-1,3-Dichloropropene	0.609	0.567	6.9	87	0.00
40 T	4-Methyl-2-pentanone	0.516	0.510	1.2	94	0.00
41 S	Toluene-d8	1.230	1.250	-1.6	96	0.00
42 T	Toluene	1.549	1.425	8.0	88	0.00
43 S	trans-1,3-Dichloropropene-d	0.211	0.218	-3.3	97	0.00
44 T	trans-1,3-Dichloropropene	0.574	0.546	4.9	92	0.00
45 T	1,1,2-Trichloroethane	0.377	0.339	10.1	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.330	0.305	7.6	89	0.00
47 S	2-Hexanone-d5	0.173	0.194	-12.1	104	0.00
48 T	2-Hexanone	0.436	0.420	3.7	93	0.00
49 T	Dibromochloromethane	0.442	0.412	6.8	89	0.00
50 T	1,2-Dibromoethane	0.406	0.374	7.9	90	0.00
51 T	Chlorobenzene	1.043	0.958	8.1	90	0.00
52 T	Ethylbenzene	1.710	1.605	6.1	90	0.00
53 T	m,p-Xylene	0.655	0.629	4.0	91	0.00
54 T	o-xylene	0.665	0.616	7.4	89	0.00
55 T	Styrene	1.082	1.047	3.2	91	0.00
56 T	Isopropylbenzene	1.715	1.634	4.7	90	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.578	0.603	-4.3	99	0.00
58 T	1,1,2,2-Tetrachloroethane	0.607	0.571	5.9	91	0.00
59	1,2,3-Trichloropropane	0.461	0.428	7.2	90	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
61 T	Bromoform	0.647	0.544	15.9	88	0.00
62 T	1,3-Dichlorobenzene	1.582	1.456	8.0	96	0.00
63 T	1,4-Dichlorobenzene	1.614	1.487	7.9	95	0.00
64 S	1,2-Dichlorobenzene-d4	1.013	0.992	2.1	99	0.00
65 T	1,2-Dichlorobenzene	1.657	1.459	11.9	90	0.00
66 T	1,2-Dibromo-3-chloropropane	0.261	0.239	8.4	93	0.00
67	1,3,5-Trichlorobenzene	1.221	1.178	3.5	99	0.00
68 T	1,2,4-trichlorobenzene	1.026	1.032	-0.6	101	0.00
69	Naphthalene	3.086	3.033	1.7	95	0.00
70 T	1,2,3-Trichlorobenzene	1.085	1.052	3.0	97	0.00

(#) = Out of Range

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