

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009747.D
 Acq On : 16 Mar 2019 23:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD05083

Quant Time: Mar 18 07:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:41:44 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
2 T	Dichlorodifluoromethane	0.370	0.359	3.0	93	0.00
3 T	Chloromethane	0.346	0.342	1.2	99	0.00
4 S	Vinyl Chloride-d3	0.337	0.335	0.6	95	0.00
5 T	Vinyl chloride	0.371	0.377	-1.6	99	0.00
6 T	Bromomethane	0.198	0.185	6.6	94	0.00
7 S	Chloroethane-d5	0.249	0.253	-1.6	93	0.00
8 T	Chloroethane	0.226	0.223	1.3	100	0.00
9 T	Trichlorofluoromethane	0.621	0.611	1.6	98	0.00
10 T	1,1,2-Trichloro-1,2,2-trifl	0.344	0.327	4.9	94	0.00
11 S	1,1-Dichloroethene-d2	0.718	0.698	2.8	94	0.00
12 T	1,1-Dichloroethene	0.298	0.290	2.7	96	0.00
13 T	Acetone	0.190	0.134	29.5#	64	0.00
14 T	Carbon disulfide	0.869	0.835	3.9	94	0.00
15 T	Methyl Acetate	0.321	0.297	7.5	93	0.00
16 T	Methylene chloride	0.346	0.344	0.6	95	0.00
17 T	trans-1,2-Dichloroethene	0.319	0.317	0.6	96	0.00
18 T	Methyl tert-butyl Ether	1.009	1.006	0.3	97	0.00
19 T	1,1-Dichloroethane	0.560	0.549	2.0	95	0.00
20 T	cis-1,2-Dichloroethene	0.366	0.370	-1.1	95	0.00
21 S	2-Butanone-d5	0.201	0.209	-4.0	93	0.00
22 T	2-Butanone	0.240	0.215	10.4	83	0.00
23 T	Bromochloromethane	0.185	0.184	0.5	96	0.00
24 S	Chloroform-d	0.619	0.619	0.0	95	0.00
25 T	Chloroform	0.617	0.617	0.0	97	0.00
26 S	1,2-Dichloroethane-d4	0.376	0.381	-1.3	97	0.00
27 T	1,2-Dichloroethane	0.459	0.447	2.6	94	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
29 T	Cyclohexane	0.535	0.486	9.2	92	0.00
30 T	1,1,1-Trichloroethane	0.544	0.520	4.4	97	0.00
31 T	Carbon tetrachloride	0.450	0.425	5.6	93	0.00
32 S	Benzene-d6	1.307	1.262	3.4	93	0.00
33 T	Benzene	1.365	1.325	2.9	98	0.00
34 T	Trichloroethene	0.356	0.336	5.6	94	0.00
35 T	Methylcyclohexane	0.585	0.528	9.7	89	0.00
36 S	1,2-Dichloropropane-d6	0.398	0.380	4.5	95	0.00
37 T	1,2-Dichloropropane	0.348	0.337	3.2	99	0.00
38 T	Bromodichloromethane	0.457	0.430	5.9	93	0.00
39 T	cis-1,3-Dichloropropene	0.532	0.498	6.4	94	0.00
40 T	4-Methyl-2-pentanone	0.457	0.435	4.8	96	0.00
41 S	Toluene-d8	1.257	1.219	3.0	92	0.00
42 T	Toluene	1.521	1.497	1.6	97	0.00
43 S	trans-1,3-Dichloropropene-d	0.188	0.175	6.9	90	0.00
44 T	trans-1,3-Dichloropropene	0.503	0.468	7.0	92	0.00
45 T	1,1,2-Trichloroethane	0.360	0.351	2.5	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Tetrachloroethene	0.297	0.273	8.1	94	0.00
47 S	2-Hexanone-d5	0.162	0.158	2.5	94	0.00
48 T	2-Hexanone	0.340	0.321	5.6	92	0.00
49 T	Dibromochloromethane	0.386	0.377	2.3	96	0.00
50 T	1,2-Dibromoethane	0.375	0.367	2.1	96	0.00
51 T	Chlorobenzene	1.021	0.975	4.5	97	0.00
52 T	Ethylbenzene	1.725	1.677	2.8	97	0.00
53 T	m,p-Xylene	0.666	0.635	4.7	95	0.00
54 T	o-Xylene	0.670	0.663	1.0	99	0.00
55 T	Styrene	1.092	1.056	3.3	98	0.00
56 T	Isopropylbenzene	1.744	1.649	5.4	96	0.00
57 S	1,1,2,2-Tetrachloroethane-d	0.603	0.598	0.8	98	0.00
58 T	1,1,2,2-Tetrachloroethane	0.626	0.602	3.8	99	0.00
59	1,2,3-Trichloropropane	0.458	0.447	2.4	101	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
61 T	Bromoform	0.594	0.562	5.4	99	0.00
62 T	1,3-Dichlorobenzene	1.640	1.577	3.8	97	0.00
63 T	1,4-Dichlorobenzene	1.655	1.554	6.1	98	0.00
64 S	1,2-Dichlorobenzene-d4	1.012	1.027	-1.5	102	0.00
65 T	1,2-Dichlorobenzene	1.674	1.599	4.5	96	0.00
66 T	1,2-Dibromo-3-chloropropane	0.232	0.220	5.2	96	0.00
67	1,3,5-Trichlorobenzene	1.043	1.022	2.0	95	0.00
68 T	1,2,4-trichlorobenzene	0.731	0.770	-5.3	95	0.00
69	Naphthalene	2.092	2.068	1.1	94	0.00
70 T	1,2,3-Trichlorobenzene	0.733	0.798	-8.9	96	0.00

(#) = Out of Range

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