

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\  
 Data File : VX005461.D  
 Acq On : 19 Oct 2018 16:33  
 Operator : JC/MD  
 Sample : J5602-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RAV-SP9

Quant Time: Oct 20 05:23:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 256180   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 375203   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 337817   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 167164   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 155022   | 54.52   | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 109.04% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 119609   | 48.13   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 96.26%  |          |
| 50) Toluene-d8              | 8.72  | 98   | 462217   | 54.18   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 108.36% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 147432   | 46.00   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 92.00%  |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 11) Tert butyl alcohol      | 3.06  | 59   | 3070     | 3.828   | ug/l #  | 89       |
| 16) Acetone                 | 2.45  | 43   | 659226   | 401.012 | ug/l #  | 87       |
| 25) 2-Butanone              | 4.71  | 43   | 5128     | 2.132   | ug/l    | 99       |
| 51) 4-Methyl-2-Pentanone    | 8.65  | 43   | 71576    | 16.606  | ug/l    | 93       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\  
Data File : VX005461.D  
Acq On : 19 Oct 2018 16:33  
Operator : JC/MD  
Sample : J5602-05  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RAV-SP9

Quant Time: Oct 20 05:23:13 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration

