

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\  
 Data File : VN050145.D  
 Acq On : 27 Jul 2018 21:37  
 Operator : MD\SY  
 Sample : PB111513ZHE#05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB111513ZHE#05

Quant Time: Jul 28 01:07:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 710062   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 1159181  | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 997655   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35  | 152  | 372048   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 494965   | 49.96  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.92% |          |
| 35) Dibromofluoromethane    | 7.60   | 113  | 435462   | 46.01  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 92.02% |          |
| 50) Toluene-d8              | 10.09  | 98   | 1578490  | 45.37  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.74% |          |
| 62) 4-Bromofluorobenzene    | 12.41  | 95   | 459532   | 40.11  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 80.22% |          |
| Target Compounds            |        |      |          |        |        |          |
| 16) Acetone                 | 3.83   | 43   | 102288   | 40.189 | ug/l   | 100      |
| 18) Methyl Acetate          | 4.34   | 43   | 33122    | 2.088  | ug/l   | 99       |
| 20) Methylene Chloride      | 4.55   | 84   | 166272   | 18.130 | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.17   | 43   | 584241   | 33.677 | ug/l # | 82       |
| 59) 2-Hexanone              | 10.77  | 43   | 23256    | 8.637  | ug/l # | 59       |
| 95) Naphthalene             | 15.14  | 128  | 4306     | 4.646  | ug/l # | 95       |

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

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