

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\  
 Data File : VN053253.D  
 Acq On : 3 Jan 2019 11:10  
 Operator : MD\SY  
 Sample : PB116111TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB116111TB

Quant Time: Jan 04 07:12:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1215708  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1876259  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1658009  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 585053   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 601527   | 48.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 97.52%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 514868   | 60.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 120.14% |          |
| 50) Toluene-d8              | 10.09 | 98   | 2290266  | 49.78 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.56%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 717928   | 44.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 88.90%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 3.82  | 43   | 28888    | 11.942 | ug/l   | 89     |
| 20) Methylene Chloride     | 4.55  | 84   | 27935    | 2.117  | ug/l   | 96     |
| 43) Isopropyl Acetate      | 8.17  | 43   | 51471    | 1.635  | ug/l # | 85     |
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 7652     | 1.316  | ug/l   | 98     |
| 95) Naphthalene            | 15.13 | 128  | 13782    | 1.732  | ug/l   | 97     |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 7695     | 1.313  | ug/l   | 97     |

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

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