

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\  
 Data File : VN049678.D  
 Acq On : 2 Jul 2018 19:03  
 Operator : MD\SY  
 Sample : PB110744 ZHE#05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB110744 ZHE#05

Quant Time: Jul 03 05:00:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062918W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 30 00:55:30 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1259508  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2057574  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1692343  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 659799   | 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   | 862340   | 51.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.70% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 723255   | 47.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.04%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2755593  | 45.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.54%  |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 804728   | 39.15 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 78.30%  |          |

| Target Compounds       | R.T. | QIon | Response | Conc | Units  | Qvalue |
|------------------------|------|------|----------|------|--------|--------|
| 16) Acetone            | 3.83 | 43   | 52459    | 7.97 | ug/l   | 98     |
| 18) Methyl Acetate     | 4.33 | 43   | 113004   | 2.50 | ug/l   | 96     |
| 20) Methylene Chloride | 4.55 | 84   | 32212    | 1.88 | ug/l # | 94     |
| 25) 2-Butanone         | 6.85 | 43   | 7965     | 1.44 | ug/l   | 93     |

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

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