

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\  
 Data File : VN051118.D  
 Acq On : 11 Sep 2018 11:30  
 Operator : MD\SY  
 Sample : J4849-01DL 5X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EP1-MW-ADL

Quant Time: Sep 12 09:20:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:27:09 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|---------|------------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 649248   | 50.00 | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 981639   | 50.00 | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 881499   | 50.00 | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 374111   | 50.00 | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |       |         |            |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 375868   | 52.02 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.04% |            |
| 35) Dibromofluoromethane    | 7.59  | 113  | 370117   | 50.18 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.36% |            |
| 50) Toluene-d8              | 10.09 | 98   | 1373190  | 49.06 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.12%  |            |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 449237   | 48.52 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.04%  |            |
| Target Compounds            |       |      |          |       |         |            |
| 73) Isopropylbenzene        | 12.25 | 105  | 1498872  | 47.77 | ug/l    | Qvalue 100 |
| 78) n-propylbenzene         | 12.59 | 91   | 2954230  | 85.67 | ug/l    | 99         |
| 83) tert-Butylbenzene       | 12.99 | 119  | 121128   | 5.41  | ug/l    | 95         |
| 84) 1,2,4-Trimethylbenzene  | 13.04 | 105  | 590786   | 23.69 | ug/l    | 100        |
| 85) sec-Butylbenzene        | 13.17 | 105  | 617080   | 21.49 | ug/l #  | 76         |
| 89) n-Butylbenzene          | 13.61 | 91   | 249498   | 13.16 | ug/l #  | 84         |

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

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