

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\  
 Data File : VN050120.D  
 Acq On : 27 Jul 2018 7:47  
 Operator : MD\SY  
 Sample : J4184-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-3B

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2018 12:16:59 PM

Quant Time: Jul 27 08:48:07 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  | 864638   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1282189  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1122197  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 555262   | 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   | 529154   | 43.86 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 87.72% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 467829   | 44.69 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.38% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1806449  | 46.94 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.88% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 589389   | 46.51 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.02% |          |

| Target Compounds           | R.T.  | QIon | Response  | Conc   | Units | Qvalue |
|----------------------------|-------|------|-----------|--------|-------|--------|
| 17) Carbon Disulfide       | 4.05  | 76   | 18699     | 0.61   | ug/l  | 99     |
| 31) Cyclohexane            | 7.66  | 56   | 162949    | 9.75   | ug/l  | # 84   |
| 39) Methylcyclohexane      | 9.08  | 83   | 235624    | 15.86  | ug/l  | 98     |
| 40) Benzene                | 8.04  | 78   | 20647645  | 469.72 | ug/l  | 98     |
| 52) Toluene                | 10.16 | 92   | 2073803   | 79.92  | ug/l  | 100    |
| 67) Ethyl Benzene          | 11.50 | 91   | 20774673m | 456.24 | ug/l  |        |
| 68) m/p-Xylenes            | 11.63 | 106  | 3516094   | 204.15 | ug/l  | 100    |
| 69) o-Xylene               | 11.95 | 106  | 3827156   | 233.10 | ug/l  | 99     |
| 73) Isopropylbenzene       | 12.25 | 105  | 1711311   | 39.74  | ug/l  | 99     |
| 78) n-propylbenzene        | 12.59 | 91   | 750865    | 15.60  | ug/l  | 100    |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 1293735   | 38.19  | ug/l  | 100    |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 4083530   | 119.60 | ug/l  | 100    |
| 85) sec-Butylbenzene       | 13.17 | 105  | 22240m    | 0.56   | ug/l  |        |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 295791    | 8.89   | ug/l  | 97     |
| 95) Naphthalene            | 15.12 | 128  | 21776014m | 787.32 | ug/l  |        |

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

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