

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\  
 Data File : VN051141.D  
 Acq On : 12 Sep 2018 10:27  
 Operator : MD\SY  
 Sample : J4849-07DL 25X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 13 07:57:06 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  | 622357   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 940959   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 825983   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 318319   | 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   | 376537   | 54.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.74% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 367034   | 51.91 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.82% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1315071  | 49.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.02%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 372872   | 42.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.02%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 73) Isopropylbenzene       | 12.25 | 105  | 45830    | 1.72  | ug/l   | 100    |
| 78) n-propylbenzene        | 12.59 | 91   | 121187   | 4.13  | ug/l   | 100    |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 30329    | 1.41  | ug/l   | 100    |
| 83) tert-Butylbenzene      | 12.99 | 119  | 9745     | 0.51  | ug/l   | 98     |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 713309   | 33.61 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 13.17 | 105  | 46777    | 1.91  | ug/l   | 82     |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 18343    | 0.89  | ug/l   | 96     |
| 89) n-Butylbenzene         | 13.62 | 91   | 23841    | 1.48  | ug/l # | 73     |
| 95) Naphthalene            | 15.13 | 128  | 11744    | 6.22  | ug/l   | 98     |

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

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