

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\  
 Data File : VN049943.D  
 Acq On : 20 Jul 2018 3:40  
 Operator : MD\SY  
 Sample : J4035-18  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 5-B

Manual Integrations  
 APPROVED

MMDadoda  
 7/20/2018 11:08:09 AM

Quant Time: Jul 20 05:30:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071818W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 01:58:39 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response  | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|-----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 595701    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 996597    | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 818903    | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 277660    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |           |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 422519    | 51.60   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =       | 103.20% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 373977    | 44.70   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =       | 89.40%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1342202   | 44.03   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =       | 88.06%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 352053    | 33.53   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery  | =       | 67.06%  |          |
| Target Compounds            |       |      |           |         |         |          |
| 16) Acetone                 | 3.83  | 43   | 19737     | 9.31    | ug/l #  | 88       |
| 18) Methyl Acetate          | 4.34  | 43   | 29590     | 3.68    | ug/l    | 100      |
| 20) Methylene Chloride      | 4.49  | 84   | 59563342m | 7388.58 | ug/l    |          |
| 43) Isopropyl Acetate       | 8.17  | 43   | 385762    | 29.02   | ug/l #  | 87       |
| 59) 2-Hexanone              | 10.77 | 43   | 19698     | 3.95    | ug/l #  | 56       |
| 78) n-propylbenzene         | 12.59 | 91   | 41365     | 1.73    | ug/l    | 98       |
| 95) Naphthalene             | 15.14 | 128  | 39627     | 7.23    | ug/l    | 96       |

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

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