

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\  
 Data File : VN060126.D  
 Acq On : 17 Feb 2020 17:45  
 Operator : JC/MD  
 Sample : L1530-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IDW-VCAG-200213

Manual Integrations  
 APPROVED

MMDadoda  
 2/18/2020 9:27:06 AM

Quant Time: Feb 18 02:46:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 173855   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 283986   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 260714   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 121070   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 109552   | 51.78   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 103.56% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 84739    | 48.54   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 97.08%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 342041   | 49.76   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 99.52%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 124304   | 49.21   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 98.42%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 11) Tert butyl alcohol      | 4.73  | 59   | 24804    | 78.351  | ug/l    | 99       |
| 16) Acetone                 | 3.78  | 43   | 97465    | 105.621 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.53  | 84   | 2739m    | 1.488   | ug/l    |          |
| 25) 2-Butanone              | 6.81  | 43   | 8853     | 7.628   | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.14  | 43   | 15444    | 3.800   | ug/l #  | 85       |
| 91) 1,2-Dichlorobenzene     | 13.65 | 146  | 7747     | 1.993   | ug/l    | 99       |

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

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