

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\  
 Data File : VN064731.D  
 Acq On : 19 Nov 2020 14:25  
 Operator : JC/MD  
 Sample : L4783-18DL 5X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5DL

Quant Time: Nov 23 07:14:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 15:29:54 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 243941   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 484762   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 505333   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 223238   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 221448   | 51.60  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.20% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 146061   | 52.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.88% |          |
| 50) Toluene-d8              | 10.06 | 98   | 630722   | 50.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.60% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 269050   | 57.40  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 114.80% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 11) Tert butyl alcohol      | 4.74  | 59   | 35003    | 84.076 | ug/l #  | 82       |
| 19) Methyl tert-butyl Ether | 5.00  | 73   | 46277    | 5.273  | ug/l #  | 1        |
| 31) Cyclohexane             | 7.62  | 56   | 35993    | 7.758  | ug/l #  | 78       |
| 39) Methylcyclohexane       | 9.05  | 83   | 16919    | 3.829  | ug/l    | 95       |
| 40) Benzene                 | 8.00  | 78   | 762617   | 54.880 | ug/l    | 100      |
| 52) Toluene                 | 10.12 | 92   | 74603    | 8.717  | ug/l    | 96       |
| 67) Ethyl Benzene           | 11.48 | 91   | 1060468  | 55.953 | ug/l    | 100      |
| 68) m/p-Xylenes             | 11.59 | 106  | 18871    | 6.414  | ug/l    | 90       |
| 73) Isopropylbenzene        | 12.22 | 105  | 422298   | 26.644 | ug/l    | 100      |
| 78) n-propylbenzene         | 12.57 | 91   | 602462   | 32.639 | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.02 | 105  | 5284     | 0.393  | ug/l    | 88       |
| 85) sec-Butylbenzene        | 13.14 | 105  | 17566    | 1.294  | ug/l #  | 66       |
| 89) n-Butylbenzene          | 13.59 | 91   | 24351    | 2.089  | ug/l #  | 80       |
| 95) Naphthalene             | 15.10 | 128  | 274224   | 21.855 | ug/l    | 100      |

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

