

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\  
 Data File : VN058661.D  
 Acq On : 9 Oct 2019 23:12  
 Operator : JC/SP  
 Sample : K5184-06  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-7

Manual Integrations  
 APPROVED

MMDadoda  
 10/10/2019 3:19:58 PM

Quant Time: Oct 10 05:45:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092719W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 30 08:07:38 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.65  | 168  | 462509   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 739351   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 628161   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 260685   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 315206   | 46.64  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.28%  |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 231196   | 51.02  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.04% |          |
| 50) Toluene-d8              | 10.08 | 98   | 905222   | 50.99  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.98% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 299712   | 46.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.38%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 16) Acetone                 | 3.80  | 43   | 31843    | 13.821 | ug/l #  | 79       |
| 25) 2-Butanone              | 6.82  | 43   | 8517     | 2.692  | ug/l    | 93       |
| 31) Cyclohexane             | 7.64  | 56   | 58062    | 6.207  | ug/l #  | 86       |
| 39) Methylcyclohexane       | 9.07  | 83   | 39579    | 4.794  | ug/l    | 95       |
| 40) Benzene                 | 8.03  | 78   | 868946   | 42.760 | ug/l    | 100      |
| 52) Toluene                 | 10.15 | 92   | 29644    | 2.318  | ug/l    | 96       |
| 65) Chlorobenzene           | 11.43 | 112  | 4692     | 0.376  | ug/l    | 91       |
| 67) Ethyl Benzene           | 11.51 | 91   | 30156    | 1.333  | ug/l    | 95       |
| 68) m/p-Xylenes             | 11.62 | 106  | 40469    | 4.756  | ug/l    | 95       |
| 73) Isopropylbenzene        | 12.25 | 105  | 116588   | 6.052  | ug/l    | 97       |
| 78) n-propylbenzene         | 12.59 | 91   | 112555   | 5.186  | ug/l    | 100      |
| 85) sec-Butylbenzene        | 13.18 | 105  | 7826     | 0.437  | ug/l #  | 58       |
| 89) n-Butylbenzene          | 13.62 | 91   | 7893m    | 0.553  | ug/l    |          |
| 95) Naphthalene             | 15.14 | 128  | 8690     | 0.653  | ug/l #  | 96       |

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

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