

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\  
 Data File : VN054887.D  
 Acq On : 1 Apr 2019 20:46  
 Operator : JC/SP  
 Sample : K2212-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4

Quant Time: Apr 02 11:02:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 499893   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 838079   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 727731   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34  | 152  | 273127   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 335989   | 49.86  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.72% |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 265426   | 47.50  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 95.00% |          |
| 50) Toluene-d8              | 10.09  | 98   | 1008531  | 48.55  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.10% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 322867   | 46.73  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 93.46% |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 22) Diisopropyl ether       | 5.96   | 45   | 16269    | 0.850  | ug/l # | 84       |
| 39) Methylcyclohexane       | 9.07   | 83   | 2872     | 0.335  | ug/l # | 88       |
| 40) Benzene                 | 8.04   | 78   | 234765   | 10.506 | ug/l   | 98       |
| 52) Toluene                 | 10.16  | 92   | 30531    | 2.296  | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.51  | 91   | 230110   | 8.950  | ug/l   | 97       |
| 68) m/p-Xylenes             | 11.62  | 106  | 100237   | 10.535 | ug/l   | 96       |
| 69) o-Xylene                | 11.95  | 106  | 37191    | 3.986  | ug/l   | 95       |
| 73) Isopropylbenzene        | 12.25  | 105  | 21336    | 0.956  | ug/l   | 99       |
| 78) n-propylbenzene         | 12.59  | 91   | 17510    | 0.714  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.73  | 105  | 30186    | 1.648  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.04  | 105  | 128518   | 7.364  | ug/l   | 97       |
| 95) Naphthalene             | 15.13  | 128  | 24489    | 2.488  | ug/l   | 100      |

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

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