

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032921\  
 Data File : VN066380.D  
 Acq On : 29 Mar 2021 16:34  
 Operator : JC/MD  
 Sample : M1835-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ASR7

Manual Integrations  
 APPROVED

MMDadoda  
 3/30/2021 7:50:56 PM

Quant Time: Mar 30 01:36:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 26 16:26:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 7.584          | 168  | 549021     | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.512          | 114  | 847909     | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.350         | 117  | 722206     | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.286         | 152  | 314808     | 50.00    | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.957          | 65   | 491699     | 67.37    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 134.74%# |        |          |
| 35) Dibromofluoromethane    | 7.507          | 113  | 280198     | 49.85    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 99.70%   |        |          |
| 50) Toluene-d8              | 10.028         | 98   | 1128576    | 52.93    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 105.86%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.345         | 95   | 358459     | 48.40    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 96.80%   |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 11) Tert butyl alcohol      | 4.712          | 59   | 966430     | 868.27   | ug/l # | 85       |
| 16) Acetone                 | 3.730          | 43   | 151973     | 38.54    | ug/l # | 73       |
| 19) Methyl tert-butyl Ether | 4.945          | 73   | 39979701   | 2143.08  | ug/l # | 1        |
| 22) Diisopropyl ether       | 5.863          | 45   | 45047      | 2.32     | ug/l # | 78       |
| 31) Cyclohexane             | 7.568          | 56   | 413081     | 40.90    | ug/l   | 99       |
| 39) Methylcyclohexane       | 9.011          | 83   | 173855     | 17.90    | ug/l   | 97       |
| 40) Benzene                 | 7.965          | 78   | 24650030   | 1024.62  | ug/l # | 1        |
| 44) Trichloroethene         | 8.767          | 130  | 6933       | 1.10     | ug/l   | 74       |
| 52) Toluene                 | 10.092         | 92   | 9672121    | 654.93   | ug/l # | 67       |
| 64) Tetrachloroethene       | 10.569         | 164  | 19677      | 3.20     | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.454         | 91   | 14522984   | 555.66   | ug/l # | 10       |
| 68) m/p-Xylenes             | 11.567         | 106  | 15943692   | 1605.52  | ug/l # | 47       |
| 69) o-Xylene                | 11.892         | 106  | 3950350    | 412.28   | ug/l   | 81       |
| 73) Isopropylbenzene        | 12.192         | 105  | 1092897    | 46.67    | ug/l   | 100      |
| 78) n-propylbenzene         | 12.535         | 91   | 2671528    | 104.93   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.677         | 105  | 4500057    | 234.96   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 12.983         | 105  | 10240347   | 550.29   | ug/l   | 70       |
| 85) sec-Butylbenzene        | 13.115         | 105  | 97393m     | 4.56     | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.233         | 119  | 44639m     | 2.33     | ug/l   |          |
| 89) n-Butylbenzene          | 13.557         | 91   | 87108m     | 5.51     | ug/l   |          |
| 95) Naphthalene             | 15.070         | 128  | 5859827    | 326.10   | ug/l   | 98       |
| -----                       |                |      |            |          |        |          |

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

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