

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120922\  
 Data File : VN075698.D  
 Acq On : 10 Dec 2022 08:21  
 Operator : JC\MD  
 Sample : N5989-16  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-31

Quant Time: Dec 12 04:57:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120922W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 12 03:01:58 2022  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.229     | 168   | 203537   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 338965   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.870    | 117   | 301831   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 139930   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.588     | 65    | 116184   | 53.799   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 107.600% |          |
| 35) Dibromofluoromethane    | 8.171     | 113   | 104937   | 50.741   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 101.480% |          |
| 50) Toluene-d8              | 10.571    | 98    | 395708   | 50.950   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 101.900% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 126761   | 47.736   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 95.480%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.447     | 43    | 8722     | 11.926   | ug/l       | 92       |
| 25) 2-Butanone              | 7.500     | 43    | 3635     | 3.400    | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene  | 7.506     | 96    | 2429     | 1.027    | ug/l       | 93       |
| 44) Trichloroethene         | 9.353     | 130   | 1146     | 0.482    | ug/l       | 71       |
| 51) 4-Methyl-2-Pentanone    | 10.447    | 43    | 19021    | 8.381    | ug/l       | 100      |
| 52) Toluene                 | 10.629    | 92    | 2542     | 0.456    | ug/l       | 89       |
| 64) Tetrachloroethene       | 11.106    | 164   | 3608     | 1.641    | ug/l #     | 86       |
| -----                       |           |       |          |          |            |          |

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

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