

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090822\  
 Data File : VN074365.D  
 Acq On : 08 Sep 2022 18:16  
 Operator : JC\MD  
 Sample : N4437-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BASMENT-STAND-PIPE

Quant Time: Sep 09 05:38:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N090822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 09 05:24:20 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 09/09/2022  
 Supervised By :Mahesh Dadoda 09/09/2022

| Compound                    | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                       |                |      |                      |        |        |          |
| Internal Standards          |                |      |                      |        |        |          |
| 1) Bromochloromethane       | 7.586          | 128  | 51920                | 30.000 | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 8.904          | 114  | 318424               | 30.000 | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.686         | 117  | 269094               | 30.000 | ug/l   | 0.00     |
|                             |                |      |                      |        |        |          |
| System Monitoring Compounds |                |      |                      |        |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.369          | 65   | 177183               | 33.238 | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 110 |      | Recovery = 110.800%# |        |        |          |
| 60) 4-Bromofluorobenzene    | 12.674         | 95   | 141117               | 26.224 | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 63 - 112 |      | Recovery = 87.400%   |        |        |          |
| 63) Toluene-d8              | 10.380         | 98   | 475407               | 31.453 | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 112 |      | Recovery = 104.833%  |        |        |          |
|                             |                |      |                      |        |        |          |
| Target Compounds            |                |      |                      |        |        |          |
| 15) Acetone                 | 4.240          | 58   | 2696m                | 3.490  | ug/l   | Qvalue   |
| 25) Chloroform              | 7.751          | 83   | 12283                | 1.496  | ug/l   | 89       |
| 37) Trichloroethene         | 9.151          | 130  | 2728m                | 0.610  | ug/l   |          |
| 61) Tetrachloroethene       | 10.916         | 164  | 12308                | 3.687  | ug/l # | 77       |
| -----                       |                |      |                      |        |        |          |

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

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