

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042924\  
 Data File : VN081914.D  
 Acq On : 29 Apr 2024 15:08  
 Operator : JC\MD  
 Sample : P2291-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 240418098-02

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/30/2024  
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:38:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 27 04:37:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Bromochloromethane       | 7.818          | 128  | 41849      | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.106          | 114  | 250543     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5        | 11.870         | 117  | 210691     | 30.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4   | 8.582          | 65   | 104537     | 29.835   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 110 |      | Recovery = | 99.467%  |        |          |
| 60) 4-Bromofluorobenzene    | 12.853         | 95   | 99589      | 28.402   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 63 - 112 |      | Recovery = | 94.667%  |        |          |
| 63) Toluene-d8              | 10.570         | 98   | 306744     | 30.657   | ug/l   | 0.00     |
| Spiked Amount 30.000        | Range 91 - 112 |      | Recovery = | 102.200% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 15) Acetone                 | 4.424          | 58   | 19670m     | 60.138   | ug/l   | Qvalue   |
| 22) cis-1,2-Dichloroethene  | 7.488          | 96   | 3024       | 0.933    | ug/l # | 89       |
| 25) Chloroform              | 7.977          | 83   | 8677       | 1.717    | ug/l   | 85       |
| 37) Trichloroethene         | 9.347          | 130  | 3071m      | 1.054    | ug/l   |          |
| 62) Toluene                 | 10.635         | 91   | 12634      | 1.066    | ug/l   | 94       |
| -----                       |                |      |            |          |        |          |

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

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