

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082823\  
 Data File : VN079076.D  
 Acq On : 28 Aug 2023 18:56  
 Operator : JC\MD  
 Sample : 04205-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 230815009-01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/29/2023  
 Supervised By : Semsettin Yesilyurt 08/29/2023

Quant Time: Aug 29 05:22:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N081723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Aug 18 05:21:14 2023  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Bromochloromethane       | 7.818          | 128  | 36282               | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.112          | 114  | 193099              | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 11.871         | 117  | 152130              | 30.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 27) 1,2-Dichloroethane-d4   | 8.588          | 65   | 89139               | 30.326 | ug/l  | 0.00     |
| Spiked Amount 30.000        | Range 91 - 110 |      | Recovery = 101.100% |        |       |          |
| 60) 4-Bromofluorobenzene    | 12.853         | 95   | 50993               | 22.979 | ug/l  | 0.00     |
| Spiked Amount 30.000        | Range 63 - 112 |      | Recovery = 76.600%  |        |       |          |
| 63) Toluene-d8              | 10.571         | 98   | 225852              | 31.791 | ug/l  | 0.00     |
| Spiked Amount 30.000        | Range 91 - 112 |      | Recovery = 105.967% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 15) Acetone                 | 4.447          | 58   | 6080m               | 16.738 | ug/l  | Qvalue   |
| 25) Chloroform              | 7.971          | 83   | 347747              | 81.189 | ug/l  | 94       |
| 41) Bromodichloromethane    | 9.888          | 83   | 69451               | 21.729 | ug/l  | 93       |
| 53) Dibromochloromethane    | 11.365         | 129  | 26048               | 11.080 | ug/l  | 97       |
| -----                       |                |      |                     |        |       |          |

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

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