

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112621\  
 Data File : VW023735.D  
 Acq On : 26 Nov 2021 18:57  
 Operator : SY/MD  
 Sample : M4821-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4656

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/29/2021  
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 27 03:55:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 27 03:48:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 130021   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 125153   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 57154    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 35130    | 3.291  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 65.800%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 31695    | 3.778  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 75.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 49446    | 2.629  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 52.600%# |          |
| 20) 2-Butanone-d5             | 3.902  | 46             | 73385m   | 57.192 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.380% |          |
| 24) Chloroform-d              | 4.349  | 84             | 70579    | 3.797  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 76.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 40173    | 4.627  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.600%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 143657   | 4.214  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 44826    | 4.690  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 93.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 119843   | 3.762  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 75.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 16121    | 4.184  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 83.600%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 66547    | 51.989 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.980% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 34800    | 5.060  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 51259    | 5.073  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.400% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 1.314  | 62             | 1597     | 0.142  | ug/L #   | 64       |
| 17) Methyl tert-butyl Ether   | 2.773  | 73             | 5615     | 0.315  | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 20254    | 2.129  | ug/L     | 99       |
| 25) Chloroform                | 4.378  | 83             | 10118    | 0.544  | ug/L     | 100      |
| 34) Trichloroethene           | 5.918  | 95             | 13745    | 1.438  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

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

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