

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051823\  
 Data File : VU054191.D  
 Acq On : 19 May 2023 02:31  
 Operator : JC/MD  
 Sample : 02844-21  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBX15

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 05/19/2023  
 Supervised By :Mahesh Dadoda 05/19/2023

Quant Time: May 19 06:19:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 19 04:28:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response  | Conc     | Units    | Dev(Min) |
|-------------------------------|--------|----------------|-----------|----------|----------|----------|
| -----                         |        |                |           |          |          |          |
| Internal Standards            |        |                |           |          |          |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114            | 181718    | 5.000    | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.410  | 117            | 173254    | 5.000    | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806 | 152            | 86928     | 5.000    | ug/L     | 0.00     |
|                               |        |                |           |          |          |          |
| System Monitoring Compounds   |        |                |           |          |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 43159     | 4.405    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery  | =        | 88.200%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 34269     | 4.676    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery  | =        | 93.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 20193     | 4.564    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery  | =        | 91.200%  |          |
| 20) 2-Butanone-d5             | 4.629  | 46             | 90825     | 51.985   | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery  | =        | 103.980% |          |
| 24) Chloroform-d              | 5.057  | 84             | 78084     | 4.239    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery  | =        | 84.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65             | 39875     | 4.706    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery  | =        | 94.200%  |          |
| 32) Benzene-d6                | 5.722  | 84             | 161328    | 4.572    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery  | =        | 91.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 49554     | 4.859    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery  | =        | 97.200%  |          |
| 41) Toluene-d8                | 7.893  | 98             | 148079    | 4.445    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery  | =        | 88.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 18305     | 4.444    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery  | =        | 88.800%  |          |
| 46) 2-Hexanone-d5             | 8.629  | 63             | 64142     | 52.301   | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery  | =        | 104.600% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84             | 34988     | 4.787    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery  | =        | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152            | 52947     | 4.991    | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery  | =        | 99.800%  |          |
|                               |        |                |           |          |          |          |
| Target Compounds              |        |                |           |          |          | Qvalue   |
| 5) Vinyl chloride             | 1.604  | 62             | 25821     | 1.909    | ug/L     | 90       |
| 12) 1,1-Dichloroethene        | 2.578  | 96             | 289762    | 26.052   | ug/L #   | 83       |
| 17) Methyl tert-butyl Ether   | 3.359  | 73             | 7558      | 0.270    | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 3.350  | 96             | 47333     | 4.184    | ug/L     | 97       |
| 19) 1,1-Dichloroethane        | 3.867  | 63             | 3427      | 0.151    | ug/L     | 96       |
| 22) cis-1,2-Dichloroethene    | 4.658  | 96             | 4399617   | 332.606  | ug/L     | 97       |
| 27) 1,2-Dichloroethane        | 5.790  | 62             | 2314      | 0.164    | ug/L #   | 90       |
| 30) Cyclohexane               | 5.385  | 56             | 4326      | 0.245    | ug/L #   | 91       |
| 33) Benzene                   | 5.767  | 78             | 17692     | 0.361    | ug/L     | 100      |
| 34) Trichloroethene           | 6.539  | 95             | 27095691m | 2054.539 | ug/L     |          |
| 45) 1,1,2-Trichloroethane     | 8.394  | 97             | 7258      | 0.782    | ug/L     | 98       |
| 47) Tetrachloroethene         | 8.549  | 164            | 42410     | 3.913    | ug/L     | 99       |
| -----                         |        |                |           |          |          |          |

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

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