

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092023\  
 Data File : VU055421.D  
 Acq On : 20 Sep 2023 13:32  
 Operator : MD/SY  
 Sample : 04398-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4Q0

Quant Time: Sep 21 00:28:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 21 00:26:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114            | 249906   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 255498   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152            | 123333   | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 111006   | 4.395  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 87.800%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 100978   | 4.537  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 47397    | 4.559  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 91.200%  |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 239987   | 52.604 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.200% |          |
| 24) Chloroform-d              | 5.058  | 84             | 222896   | 4.879  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 113890   | 5.183  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.600% |          |
| 32) Benzene-d6                | 5.724  | 84             | 456198   | 5.105  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 139713   | 5.232  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.600% |          |
| 41) Toluene-d8                | 7.894  | 98             | 392913   | 4.824  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 48379    | 5.163  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 103.200% |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 126976   | 44.549 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 89.100%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 97764    | 4.885  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 138060   | 5.546  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 111.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 5) Vinyl chloride             | 1.602  | 62             | 84378    | 3.654  | ug/L     | 96       |
| 12) 1,1-Dichloroethene        | 2.576  | 96             | 88958    | 5.091  | ug/L     | 96       |
| 17) Methyl tert-butyl Ether   | 3.357  | 73             | 20353    | 0.537  | ug/L     | 98       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96             | 7931     | 0.450  | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 3.865  | 63             | 47940    | 1.472  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 1839011  | 90.067 | ug/L     | 99       |
| 27) 1,2-Dichloroethane        | 5.795  | 62             | 9244     | 0.437  | ug/L #   | 94       |
| 34) Trichloroethene           | 6.537  | 95             | 1696813  | 81.573 | ug/L     | 98       |
| 47) Tetrachloroethene         | 8.553  | 164            | 19058    | 1.277  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092023\  
Data File : VU055421.D  
Acq On : 20 Sep 2023 13:32  
Operator : MD/SY  
Sample : 04398-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH4Q0

Quant Time: Sep 21 00:28:54 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 21 00:26:15 2023  
Response via : Initial Calibration

