

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032924\  
 Data File : VU058272.D  
 Acq On : 29 Mar 2024 16:15  
 Operator : MD/SY  
 Sample : P1902-10DL 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCOB9DL

Quant Time: Mar 29 23:43:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 29 23:40:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 69936    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 67540    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 29726    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 17952    | 3.038    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 60.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 18753    | 3.887    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 7609     | 3.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.000%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 55220    | 52.593   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 105.180% |
| 24) Chloroform-d              | 5.052  | 84    | 44054    | 4.169    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 22490    | 4.553    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 83077    | 3.787    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 27497    | 4.253    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 65406    | 3.366    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.400%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 7944     | 3.835    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 39772    | 47.407   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.820%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 20072    | 4.765    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 23547    | 4.254    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 85.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.599  | 62    | 786      | 0.196    | ug/L   | # 49     |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 3945     | 0.871    | ug/L   | 97       |
| 34) Trichloroethene           | 6.534  | 95    | 18174    | 3.932    | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.547  | 164   | 15115    | 4.883    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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