

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071624\  
 Data File : VU059971.D  
 Acq On : 16 Jul 2024 13:52  
 Operator : MD/SY  
 Sample : P3217-14DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YDZJ9DL

Quant Time: Jul 17 02:28:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jul 17 02:25:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 135036   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 141015   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 73959    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 37352    | 3.978    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.600%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 33151    | 3.669    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.547  | 65    | 17017    | 4.368    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.400%  |
| 20) 2-Butanone-d5             | 4.657  | 46    | 85371    | 44.139   | ug/L   | 0.04     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.280%  |
| 24) Chloroform-d              | 5.052  | 84    | 66937    | 3.473    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 69.400%# |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 34071    | 3.670    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.400%  |
| 32) Benzene-d6                | 5.718  | 84    | 128271   | 3.305    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 66.200%# |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 43504    | 3.658    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 73.200%  |
| 41) Toluene-d8                | 7.894  | 98    | 105498   | 2.924    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 58.400%# |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 13740    | 3.690    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.800%  |
| 46) 2-Hexanone-d5             | 8.640  | 63    | 63620    | 41.118   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 39779    | 4.048    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 81.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 47857    | 3.636    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 72.800%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.030  | 84    | 21841    | 1.925    | ug/L   | 93       |
| 33) Benzene                   | 5.766  | 78    | 28544    | 0.667    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.753  | 83    | 4359     | 0.264    | ug/L   | 95       |
| 42) Toluene                   | 7.965  | 91    | 29441    | 0.649    | ug/L   | 99       |
| 51) Chlorobenzene             | 9.444  | 112   | 7984     | 0.278    | ug/L   | 93       |
| 53) m,p-Xylene                | 9.695  | 106   | 5458     | 0.306    | ug/L   | 81       |
| 54) o-Xylene                  | 10.097 | 106   | 7830     | 0.462    | ug/L   | 92       |
| 60) Isopropylbenzene          | 10.483 | 105   | 6953     | 0.152    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105   | 14672    | 0.405    | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 11.467 | 105   | 45259    | 1.308    | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146   | 26062    | 1.090    | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.209 | 146   | 108391   | 4.957    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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