

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090123\  
 Data File : VU055063.D  
 Acq On : 02 Sep 2023 00:45  
 Operator : MD/SY  
 Sample : 04230-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4B1

Quant Time: Sep 02 01:06:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 02 00:23:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 183099   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 182049   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 91669    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 41449    | 4.830    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 96.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 49147    | 4.948    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 24484    | 5.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 100.200% |
| 20) 2-Butanone-d5             | 4.628  | 46    | 155084   | 62.276   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 124.560% |
| 24) Chloroform-d              | 5.059  | 84    | 117285   | 5.150    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.000% |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 63437    | 5.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.400% |
| 32) Benzene-d6                | 5.724  | 84    | 236463   | 5.262    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.200% |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 76475    | 5.351    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.000% |
| 41) Toluene-d8                | 7.894  | 98    | 208932   | 5.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000% |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 19375    | 4.922    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 98.400%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 86936    | 54.405   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.800% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 57795    | 5.750    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 115.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 75055    | 5.609    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 12640    | 1.493    | ug/L   | # 8      |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 5539     | 0.298    | ug/L   | 90       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 31131    | 2.961    | ug/L   | 97       |
| 34) Trichloroethene           | 6.541  | 95    | 25476    | 2.366    | ug/L   | 96       |
| 42) Toluene                   | 7.972  | 91    | 7964     | 0.193    | ug/L   | 92       |
| -----                         |        |       |          |          |        |          |

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

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