

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121621\  
 Data File : VW024002.D  
 Acq On : 16 Dec 2021 10:53  
 Operator : SY/MD  
 Sample : M5090-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3C0

Quant Time: Dec 17 01:59:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 16 04:44:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 95377    | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 102906   | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 50035    | 5.000    | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 17686    | 3.449    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 69.000%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 17911    | 4.187    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 83.800%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 24695    | 2.467    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 49.400%#  |
| 20) 2-Butanone-d5             | 3.886  | 46    | 71809    | 71.685   | ug/L  | -0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 143.360%# |
| 24) Chloroform-d              | 4.346  | 84    | 51939    | 4.472    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 89.400%   |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 26792    | 4.955    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 99.000%   |
| 32) Benzene-d6                | 5.050  | 84    | 80394    | 3.944    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 78.800%   |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 27854    | 4.530    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 90.600%   |
| 41) Toluene-d8                | 7.317  | 98    | 60824    | 3.315    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 66.200%#  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 9862     | 3.866    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 77.400%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 53423    | 46.780   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 93.560%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 23837    | 4.673    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.400%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 30859    | 4.617    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 92.400%   |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       |           |
| 5) Vinyl chloride             | 1.310  | 62    | 4498     | 0.585    | ug/L  | 89        |
| 13) Acetone                   | 2.179  | 43    | 4626     | 5.772    | ug/L  | 90        |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 14381    | 1.918    | ug/L  | 99        |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146   | 2509     | 0.166    | ug/L  | 96        |
| -----                         |        |       |          |          |       |           |

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

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