

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW110921\  
 Data File : VW023345.D  
 Acq On : 10 Nov 2021 20:24  
 Operator : SY/MD  
 Sample : M4542-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGGE7

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/11/2021  
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 11 00:45:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 11 00:38:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 136395   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 136893   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 76656    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 25843    | 3.024    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 60.400%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 24896    | 3.575    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.400%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 39474    | 2.468    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 49.400%#  |
| 20) 2-Butanone-d5             | 3.886  | 46    | 97346    | 66.128   | ug/L   | -0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 132.260%# |
| 24) Chloroform-d              | 4.352  | 84    | 71915    | 3.949    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.000%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 36929    | 4.510    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%   |
| 32) Benzene-d6                | 5.053  | 84    | 131546   | 3.745    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 44580    | 4.312    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%   |
| 41) Toluene-d8                | 7.320  | 98    | 110535   | 3.358    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.200%#  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14940    | 3.811    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.200%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 78294    | 54.277   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 34981    | 4.705    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.000%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 56496    | 4.426    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.600%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.240  | 50    | 5045     | 0.446    | ug/L   | 98        |
| 5) Vinyl chloride             | 1.310  | 62    | 5800     | 0.514    | ug/L   | 94        |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 1527     | 0.188    | ug/L # | 1         |
| 13) Acetone                   | 2.175  | 43    | 4789     | 5.324    | ug/L   | 91        |
| 14) Carbon disulfide          | 2.294  | 76    | 1585     | 0.052    | ug/L # | 93        |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 11446    | 0.678    | ug/L   | 97        |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 22870    | 2.377    | ug/L # | 100       |
| 25) Chloroform                | 4.381  | 83    | 16078    | 0.893    | ug/L   | 96        |
| 29) 1,1,1-Trichloroethane     | 4.616  | 97    | 18854    | 1.134    | ug/L   | 98        |
| 31) Carbon tetrachloride      | 4.831  | 117   | 1205m    | 0.081    | ug/L   |           |
| 33) Benzene                   | 5.108  | 78    | 4686     | 0.122    | ug/L   | 100       |
| 34) Trichloroethene           | 5.915  | 95    | 99414    | 9.770    | ug/L   | 98        |
| 35) Methylcyclohexane         | 6.130  | 83    | 4266     | 0.266    | ug/L   | 93        |
| 42) Toluene                   | 7.391  | 91    | 69614    | 1.701    | ug/L   | 95        |
| 47) Tetrachloroethene         | 7.982  | 164   | 3466     | 0.393    | ug/L   | 91        |
| 51) Chlorobenzene             | 8.882  | 112   | 194811   | 7.162    | ug/L   | 98        |
| 52) Ethylbenzene              | 9.021  | 91    | 6307     | 0.146    | ug/L   | 94        |
| 53) m,p-xylene                | 9.146  | 106   | 2100     | 0.124    | ug/L   | 97        |
| 54) o-xylene                  | 9.545  | 106   | 9307     | 0.586    | ug/L   | 94        |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 11 00:38:57 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|------|----------|--------|--------|----------|
| 60) Isopropylbenzene       | 9.934  | 105  | 43171    | 0.981  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene | 10.542 | 105  | 6449m    | 0.177  | ug/L   |          |
| 63) 1,2,4-Trimethylbenzene | 10.914 | 105  | 668014   | 18.401 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene    | 11.188 | 146  | 2576     | 0.115  | ug/L # | 78       |
| 65) 1,4-Dichlorobenzene    | 11.275 | 146  | 19892    | 0.867  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene    | 11.644 | 146  | 14924    | 0.742  | ug/L   | 94       |

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

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