

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102523\  
 Data File : VW032623.D  
 Acq On : 25 Oct 2023 11:15  
 Operator : SY/MD  
 Sample : 04992-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK7

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/26/2023  
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 26 05:01:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 26 04:59:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 95205    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 95107    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 43629    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 21292    | 2.750    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 55.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 22899    | 3.643    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 72.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 9036     | 2.767    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 55.400%# |
| 20) 2-Butanone-d5             | 3.809  | 46    | 83949    | 42.860   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 85.720%  |
| 24) Chloroform-d              | 4.249  | 84    | 51779    | 3.791    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 75.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 27386    | 4.233    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 84.600%  |
| 32) Benzene-d6                | 4.963  | 84    | 90088    | 3.219    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 64.400%# |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 35036    | 3.779    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 75.600%  |
| 41) Toluene-d8                | 7.246  | 98    | 74682    | 2.918    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 58.400%# |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 10177    | 3.097    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 62.000%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 68354    | 44.216   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 88.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 29966    | 4.621    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 33648    | 4.156    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 83.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl chloride             | 1.282  | 62    | 2239     | 0.219    | ug/L  | 90       |
| 13) Acetone                   | 2.140  | 43    | 7696m    | 5.098    | ug/L  |          |
| 14) Carbon disulfide          | 2.243  | 76    | 7519     | 0.308    | ug/L  | 97       |
| 15) Methyl Acetate            | 2.381  | 43    | 239418   | 70.446   | ug/L  | 98       |
| 21) 2-Butanone                | 3.915  | 43    | 15445    | 6.542    | ug/L  | 87       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 155456   | 18.052   | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.911  | 164   | 6713     | 0.968    | ug/L  | 89       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105   | 2263     | 0.082    | ug/L  | 98       |
| -----                         |        |       |          |          |       |          |

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

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