

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091824\  
 Data File : VV037340.D  
 Acq On : 18 Sep 2024 17:43  
 Operator : SY/MD  
 Sample : P3988-16  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8S5

Quant Time: Sep 19 01:25:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 19 01:19:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 307623   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 316701   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 149413   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 105734   | 5.859    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 117.200% |
| 7) Chloroethane-d5            | 1.529  | 69    | 87201    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 45526    | 4.885    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.600%  |
| 20) 2-Butanone-d5             | 3.809  | 46    | 220912   | 40.958   | ug/L   | -0.04    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.920%  |
| 24) Chloroform-d              | 4.243  | 84    | 197008   | 4.496    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 95028    | 4.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 32) Benzene-d6                | 4.953  | 84    | 389317   | 4.585    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 121449   | 4.599    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.000%  |
| 41) Toluene-d8                | 7.240  | 98    | 330808   | 4.324    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 32731    | 3.768    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 75.400%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 193109   | 45.503   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 99732    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 127914   | 4.815    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.063  | 96    | 10324    | 0.479    | ug/L   | # 1      |
| 19) 1,1-Dichloroethane        | 3.108  | 63    | 42661    | 0.985    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.812  | 96    | 7003     | 0.286    | ug/L   | 92       |
| 34) Trichloroethene           | 5.825  | 95    | 292896   | 11.391   | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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