

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121324\  
 Data File : VX044276.D  
 Acq On : 13 Dec 2024 12:52  
 Operator : JC/MD  
 Sample : P5252-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F7J20

Quant Time: Dec 13 22:48:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 07 03:56:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 193283   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.049  | 117   | 169661   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 67139    | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 74985    | 42.394   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 84.780%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 60124    | 43.881   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.760%  |
| 11) 1,1-Dichloroethene-d2     | 2.294   | 65    | 31030    | 41.021   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.040%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 107719   | 99.470   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 99.470%  |
| 24) Chloroform-d              | 5.050   | 84    | 155682   | 46.357   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.720%  |
| 26) 1,2-Dichloroethane-d4     | 5.946   | 65    | 110314   | 46.449   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.900%  |
| 32) Benzene-d6                | 5.971   | 84    | 281234   | 47.973   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.940%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 89923    | 49.400   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.800%  |
| 41) Toluene-d8                | 8.647   | 98    | 242257   | 44.693   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.380%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 37339    | 42.685   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.360%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 67208    | 94.693   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.690%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 118479   | 48.541   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 97.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 77873    | 49.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.560%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 7.117   | 95    | 204042   | 145.058  | ug/L   | 94       |
| 46) Tetrachloroethene         | 9.275   | 164   | 16380    | 17.457   | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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