

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121324\  
 Data File : VX044281.D  
 Acq On : 13 Dec 2024 14:47  
 Operator : JC/MD  
 Sample : P5252-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F7J23

Quant Time: Dec 13 22:49:08 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  | 209694     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.049         | 117  | 184891     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 71879      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 76578      | 39.906  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 79.820% |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 60298      | 40.564  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 81.120% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.294          | 65   | 31385      | 38.243  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.480% |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 96926      | 82.499  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.500% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 151912     | 41.694  | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.380% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 105842     | 41.078  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.160% |        |          |
| 32) Benzene-d6                | 5.964          | 84   | 280187     | 43.858  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.720% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 91417      | 46.084  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.160% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 243359     | 41.198  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.400% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.945          | 79   | 36568      | 38.360  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.720% |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 62605      | 80.941  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 80.940% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 114831     | 43.171  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.340% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 75323      | 44.976  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.960% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.306          | 96   | 49948      | 40.405  | ug/L # | 43       |
| 20) cis-1,2-Dichloroethene    | 4.477          | 96   | 3195       | 2.030   | ug/L   | 90       |
| 34) Trichloroethene           | 7.123          | 95   | 60545      | 39.497  | ug/L   | 97       |
| -----                         |                |      |            |         |        |          |

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

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