

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041224\  
 Data File : VX041054.D  
 Acq On : 13 Apr 2024 00:23  
 Operator : JC/MD  
 Sample : P2098-04 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MC0R55

Quant Time: Apr 13 04:24:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 04:06:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.763     | 114   | 242826   | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 232284   | 50.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 127205   | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 1.368     | 65    | 88653    | 51.329   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 102.660% |          |
| 7) Chloroethane-d5            | 1.672     | 69    | 74926    | 53.192   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 106.380% |          |
| 11) 1,1-Dichloroethene-d2     | 2.306     | 65    | 37331    | 50.626   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 101.260% |          |
| 21) 2-Butanone-d5             | 4.452     | 46    | 119568   | 127.090  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 127.090% |          |
| 24) Chloroform-d              | 5.056     | 84    | 167240   | 51.896   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 103.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.958     | 65    | 112307   | 53.575   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 107.160% |          |
| 32) Benzene-d6                | 5.970     | 84    | 333452   | 52.877   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 105.760% |          |
| 36) 1,2-Dichloropropane-d6    | 7.306     | 67    | 98830    | 53.736   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 107.480% |          |
| 41) Toluene-d8                | 8.647     | 98    | 303769   | 49.307   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 98.620%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952     | 79    | 43794    | 47.317   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 94.640%  |          |
| 47) 2-Hexanone-d5             | 9.384     | 63    | 84945    | 109.547  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 109.550% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189    | 84    | 144538   | 53.053   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 106.100% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 139529   | 54.680   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 109.360% |          |
| Target Compounds              |           |       |          |          |            | Qvalue   |
| 33) Benzene                   | 6.037     | 78    | 3199119  | 530.832  | ug/L       | 100      |
| 51) Chlorobenzene             | 10.079    | 112   | 2943321  | 629.287  | ug/L       | 98       |
| 64) 1,3-Dichlorobenzene       | 11.969    | 146   | 30472    | 7.809    | ug/L       | 97       |
| 65) 1,4-Dichlorobenzene       | 12.043    | 146   | 802295   | 200.282  | ug/L       | 99       |
| 67) 1,2-Dichlorobenzene       | 12.335    | 146   | 435279   | 114.990  | ug/L       | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.591    | 180   | 23478    | 8.291    | ug/L       | 99       |

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

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