

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020123\  
 Data File : VU052905.D  
 Acq On : 01 Feb 2023 15:08  
 Operator : JC/MD  
 Sample : 01314-13DL 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A44M0DL

Quant Time: Feb 01 20:05:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM012623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 01 20:03:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114   | 223034   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117   | 217187   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152   | 109771   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65    | 55721    | 34.711   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 69.420%  |
| 7) Chloroethane-d5            | 1.903   | 69    | 64872    | 49.044   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 98.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.559   | 63    | 92761    | 29.052   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 58.100%# |
| 21) 2-Butanone-d5             | 4.626   | 46    | 61302    | 61.817   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 61.820%  |
| 24) Chloroform-d              | 5.057   | 84    | 161243   | 47.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.120%  |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65    | 103919   | 47.505   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.000%  |
| 32) Benzene-d6                | 5.719   | 84    | 305734   | 46.076   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.160%  |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67    | 76128    | 39.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 78.240%  |
| 41) Toluene-d8                | 7.893   | 98    | 236559   | 39.151   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.300%# |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79    | 37494    | 38.440   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.880%  |
| 47) 2-Hexanone-d5             | 8.642   | 63    | 46548    | 68.074   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 68.070%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755  | 84    | 126596   | 44.029   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.060%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152   | 107920   | 50.632   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.260% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 9.443   | 112   | 13443    | 2.579    | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146   | 4497     | 1.214    | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.208  | 146   | 16893    | 4.669    | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.838  | 180   | 124374   | 56.022   | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.324  | 180   | 29748    | 12.679   | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

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

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