

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100221\  
 Data File : VV022506.D  
 Acq On : 02 Oct 2021 12:49  
 Operator : SY/MD  
 Sample : M4024-01DL 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AG9DL

Quant Time: Oct 04 01:03:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 04 01:01:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 229205     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 217678     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 103617     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 70066      | 49.428   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 98.860%  |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 56617      | 50.811   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 101.620% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 107023     | 38.290   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.580%  |       |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 85885      | 110.069  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 110.070% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 120864     | 46.667   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.340%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.031          | 65   | 74790      | 49.781   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.560%  |       |          |
| 32) Benzene-d6                | 5.050          | 84   | 248834     | 49.344   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.680%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 75428      | 48.587   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 97.180%  |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 225471     | 48.742   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.480%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 34351      | 46.767   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.540%  |       |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 53999      | 83.966   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 83.970%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 95623      | 44.296   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.600%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 86974      | 51.472   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.940% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.118          | 96   | 6700       | 4.185    | ug/L  | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 13277      | 7.091    | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 4.613          | 97   | 13158      | 4.839    | ug/L  | 98       |
| 34) Trichloroethene           | 5.915          | 95   | 103487     | 58.970   | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

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