

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012424\  
 Data File : VV033848.D  
 Acq On : 24 Jan 2024 13:09  
 Operator : SY/MD  
 Sample : P1191-07DL 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCMN9DL

Quant Time: Jan 25 00:57:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 25 00:55:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 215819     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 205326     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 103782     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.281          | 65   | 81635      | 49.217  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 98.440% |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 63940      | 48.677  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 97.360% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 35687      | 49.993  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 99.980% |       |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 80419      | 70.686  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 70.690% |       |          |
| 24) Chloroform-d              | 4.249          | 84   | 133416     | 44.983  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.960% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 92287      | 48.158  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.320% |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 265584     | 45.498  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.000% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 82595      | 42.986  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.980% |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 245843     | 46.743  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.480% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 41372      | 43.567  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.140% |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 59514      | 74.672  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 74.670% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 101067     | 41.202  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 82.400% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 92426      | 46.940  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.880% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 5) Vinyl chloride             | 1.285          | 62   | 2486       | 1.273   | ug/L  | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.815          | 96   | 75313      | 46.770  | ug/L  | 95       |
| 34) Trichloroethene           | 5.841          | 95   | 9635       | 5.956   | ug/L  | 97       |
| 46) Tetrachloroethene         | 7.908          | 164  | 8092       | 6.820   | ug/L  | 97       |
| -----                         |                |      |            |         |       |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012424\  
Data File : VV033848.D  
Acq On : 24 Jan 2024 13:09  
Operator : SY/MD  
Sample : P1191-07DL 100X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCMN9DL

Quant Time: Jan 25 00:57:56 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 25 00:55:39 2024  
Response via : Initial Calibration

