

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU010921\  
 Data File : VU041898.D  
 Acq On : 08 Jan 2021 12:26  
 Operator : SY/MD  
 Sample : M1027-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXM6

Quant Time: Jan 09 02:16:31 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jan 09 01:31:59 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 134414   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 132017   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 56918    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 35849    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 38712    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 56808    | 2.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.80%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 154855   | 51.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.60% |
| 24) Chloroform-d               | 5.08   | 84    | 94377    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 52986    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 32) Benzene-d6                 | 5.74   | 84    | 173904   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 56478    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.20%  |
| 41) Toluene-d8                 | 7.90   | 98    | 143567   | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.20%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 21547    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 131048   | 44.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 52993    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 57837    | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.20% |

## Target Compounds

|                             |      |     |       |            | Qvalue |
|-----------------------------|------|-----|-------|------------|--------|
| 2) Dichlorodifluoromethane  | 1.39 | 85  | 2266  | 0.199 ug/L | 92     |
| 3) Chloromethane            | 1.52 | 50  | 1249  | 0.113 ug/L | 97     |
| 13) Acetone                 | 2.66 | 43  | 1967  | 1.024 ug/L | 66     |
| 16) Methylene chloride      | 3.06 | 84  | 1456  | 0.134 ug/L | 80     |
| 17) Methyl tert-butyl Ether | 3.38 | 73  | 69294 | 2.848 ug/L | 97     |
| 29) 1,1,1-Trichloroethane   | 5.33 | 97  | 2383  | 0.157 ug/L | 95     |
| 34) Trichloroethene         | 6.55 | 95  | 4375  | 0.412 ug/L | 96     |
| 47) Tetrachloroethene       | 8.55 | 164 | 2815  | 0.379 ug/L | 94     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU010921\  
Data File : VU041898.D  
Acq On : 08 Jan 2021 12:26  
Operator : SY/MD  
Sample : M1027-05  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXM6

Quant Time: Jan 09 02:16:31 2021  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jan 09 01:31:59 2021  
Response via : Initial Calibration

