

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\U112118\  
 Data File : VU028314.D  
 Acq On : 21 Nov 2018 13:04  
 Operator : MD/SY  
 Sample : J6026-13MSD  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 21 23:29:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 21 22:33:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 173133   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 163561   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 72402    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 67861    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.20% |
| 7) Chloroethane-d5             | 1.68   | 69    | 50172    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.28   | 63    | 131694   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 101.60% |
| 20) 2-Butanone-d5              | 4.19   | 46    | 198262   | 45.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.94%  |
| 24) Chloroform-d               | 4.65   | 84    | 112957   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 65637    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 32) Benzene-d6                 | 5.34   | 84    | 224852   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 84152    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.57   | 98    | 196892   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 30018    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 110.00% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 139049   | 42.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.92%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 56867    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 66719    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.00%  |

## Target Compounds

|                              |      |     |        |        | Qvalue   |
|------------------------------|------|-----|--------|--------|----------|
| 5) Vinyl chloride            | 1.40 | 62  | 19437  | 1.106  | ug/L 85  |
| 12) 1,1-Dichloroethene       | 2.29 | 96  | 55646  | 5.221  | ug/L 96  |
| 17) Methyl tert-butyl Ether  | 3.01 | 73  | 68879  | 2.151  | ug/L 97  |
| 18) trans-1,2-Dichloroethene | 2.98 | 96  | 37210  | 3.277  | ug/L 96  |
| 19) 1,1-Dichloroethane       | 3.44 | 63  | 10489  | 0.398  | ug/L 97  |
| 22) cis-1,2-Dichloroethene   | 4.22 | 96  | 351970 | 26.226 | ug/L 96  |
| 33) Benzene                  | 5.39 | 78  | 277855 | 5.149  | ug/L 100 |
| 34) Trichloroethene          | 6.18 | 95  | 289809 | 21.935 | ug/L 98  |
| 42) Toluene                  | 7.64 | 91  | 275404 | 5.035  | ug/L 98  |
| 51) Chlorobenzene            | 9.12 | 112 | 158251 | 5.024  | ug/L 98  |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU112118\  
Data File : VU028314.D  
Acq On : 21 Nov 2018 13:04  
Operator : MD/SY  
Sample : J6026-13MSD  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :

Quant Time: Nov 21 23:29:49 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Nov 21 22:33:20 2018  
Response via : Initial Calibration

