

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\  
 Data File : VU040417.D  
 Acq On : 01 Oct 2020 12:17  
 Operator : SY/MD  
 Sample : L4186-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG0F4

Quant Time: Oct 02 04:15:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 02 03:13:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 123076   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 124965   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 55123    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 27826    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 26424    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 44663    | 3.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.00%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 164149   | 54.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.46% |
| 24) Chloroform-d               | 5.08   | 84    | 72422    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 46145    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 125911   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 46202    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 95569    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17605    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 112509   | 51.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 45442    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45963    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.00% |

## Target Compounds

|                              |      |    |        |            | Ovalue |
|------------------------------|------|----|--------|------------|--------|
| 5) Vinyl chloride            | 1.61 | 62 | 116315 | 9.777 ug/L | 99     |
| 18) trans-1,2-Dichloroethene | 3.38 | 96 | 2298   | 0.237 ug/L | 77     |
| 22) cis-1,2-Dichloroethene   | 4.69 | 96 | 37658  | 3.512 ug/L | 98     |
| 33) Benzene                  | 5.79 | 78 | 1711   | 0.041 ug/L | 100    |

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

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