

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\  
 Data File : VU038041.D  
 Acq On : 07 May 2020 16:11  
 Operator : JC/MD  
 Sample : L2526-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSH1

Quant Time: May 08 02:59:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 08 01:51:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 324205   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 311866   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 142673   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 103376   | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 94282    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 73.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 128964   | 2.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 52.00%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 262688   | 35.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 71.80%  |
| 24) Chloroform-d               | 5.10   | 84    | 169884   | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 108031   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 394697   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 130034   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.20%  |
| 41) Toluene-d8                 | 7.92   | 98    | 351651   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 44289    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.40%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 240655   | 42.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 99092    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 122313   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.00%  |

## Target Compounds

|                             |       |     |        |              | Ovalue |
|-----------------------------|-------|-----|--------|--------------|--------|
| 13) Acetone                 | 2.65  | 43  | 6514   | 1.419 ug/L   | 99     |
| 14) Carbon disulfide        | 2.82  | 76  | 6527   | 0.081 ug/L   | 99     |
| 16) Methylene chloride      | 3.08  | 84  | 9659   | 0.368 ug/L   | 88     |
| 17) Methyl tert-butyl Ether | 3.40  | 73  | 121503 | 1.944 ug/L # | 76     |
| 25) Chloroform              | 5.12  | 83  | 120562 | 2.694 ug/L   | 98     |
| 33) Benzene                 | 5.81  | 78  | 9780   | 0.098 ug/L   | 100    |
| 34) Trichloroethene         | 6.57  | 95  | 38555  | 1.544 ug/L   | 97     |
| 42) Toluene                 | 7.99  | 91  | 32944  | 0.312 ug/L   | 99     |
| 47) Tetrachloroethene       | 8.57  | 164 | 21952  | 1.256 ug/L   | 96     |
| 54) o-Xylene                | 10.12 | 106 | 2652   | 0.063 ug/L   | 80     |

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

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