

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\  
 Data File : VU041071.D  
 Acq On : 03 Nov 2020 12:19  
 Operator : SY/MD  
 Sample : L4614-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSH4

Quant Time: Nov 04 01:23:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 04 00:51:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 53532    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 54479    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 23225    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 18690    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 14614    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 27049    | 3.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 83055    | 56.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.16% |
| 24) Chloroform-d               | 5.08   | 84    | 35443    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 23557    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 64224    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 22866    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 51806    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 9020     | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 56791    | 51.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.60% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 21444    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 20860    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.40% |

## Target Compounds

|                          |      |     |      |              | Ovalue |
|--------------------------|------|-----|------|--------------|--------|
| 3) Chloromethane         | 1.53 | 50  | 4337 | 0.851 ug/L   | 93     |
| 13) Acetone              | 2.66 | 43  | 9430 | 9.313 ug/L # | 67     |
| 25) Chloroform           | 5.11 | 83  | 4031 | 0.523 ug/L   | 97     |
| 38) Bromodichloromethane | 7.11 | 83  | 1002 | 0.175 ug/L # | 95     |
| 47) Tetrachloroethene    | 8.56 | 164 | 6056 | 1.988 ug/L   | 93     |

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

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