

Data File : VU038059.D  
Acq On : 07 May 2020 23:32  
Operator : JC/MD  
Sample : VU0507WBL02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: May 08 05:15:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri May 08 04:55:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 371412   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 357557   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 163922   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 151787   | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 131752   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 182407   | 3.21     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.20% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 380592   | 45.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.82% |
| 24) Chloroform-d               | 5.10   | 84    | 222788   | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 135837   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 503584   | 4.70     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.00% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 165541   | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80% |
| 41) Toluene-d8                 | 7.92   | 98    | 433558   | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 59031    | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.20% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 319429   | 48.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.66% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 123996   | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 153461   | 4.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.20% |

| Target Compounds       |      |    |      |       |      | Qvalue |
|------------------------|------|----|------|-------|------|--------|
| 16) Methylene chloride | 3.08 | 84 | 1817 | 0.060 | ug/L | 87     |

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

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