

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU053020\  
 Data File : VU038379.D  
 Acq On : 29 May 2020 16:12  
 Operator : JC/MD  
 Sample : VU0530WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK26

Quant Time: May 30 00:17:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 30 00:03:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 277305   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 272594   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 130806   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 123691   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 97791    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 184650   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 87.00%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 377208   | 60.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.54% |
| 24) Chloroform-d               | 5.10   | 84    | 220029   | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 114.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 131234   | 5.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 119.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 463951   | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.60% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 140795   | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.80% |
| 41) Toluene-d8                 | 7.92   | 98    | 391544   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.60% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 58954    | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 111.60% |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 321896   | 64.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 129.10% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 116383   | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 152268   | 5.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.60% |

| Target Compounds       |      |    |      |           | Qvalue |
|------------------------|------|----|------|-----------|--------|
| 16) Methylene chloride | 3.08 | 84 | 1572 | 0.07 ug/L | 92     |

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

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