

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039286.D  
 Acq On : 06 Jul 2020 13:04  
 Operator : SY/MD  
 Sample : VU0706WBL01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK27

Quant Time: Jul 07 01:26:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 130094   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 120291   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 58138    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 47800    | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 41480    | 4.34     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 68358    | 3.67     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 183504   | 48.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.32% |
| 24) Chloroform-d               | 5.09   | 84    | 89002    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 55507    | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 179795   | 4.87     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 59297    | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 159604   | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 25408    | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.40% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 140066   | 46.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.44% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 53365    | 4.55     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 60085    | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.60% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 1845 | 0.197 ug/L | 94     |

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

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