

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\  
 Data File : VU039161.D  
 Acq On : 26 Jun 2020 13:43  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK

Quant Time: Jun 27 00:35:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 23:52:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 246493   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 256542   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 108641   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 65597    | 3.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 72.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 64013    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.80% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 104150   | 3.00     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.00% |
| 20) 2-Butanone-d5              | 4.68   | 46    | 311139   | 47.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.52% |
| 24) Chloroform-d               | 5.10   | 84    | 154845   | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 95827    | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 284120   | 3.99     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.80% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 99116    | 4.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.00% |
| 41) Toluene-d8                 | 7.92   | 98    | 216171   | 3.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.60% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 36089    | 3.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.40% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 238196   | 44.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 87580    | 3.94     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 89637    | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.60% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.07 | 84 | 3841 | 0.182 ug/L | 89     |

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

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