

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\  
 Data File : VU040177.D  
 Acq On : 17 Sep 2020 12:59  
 Operator : SY/MD  
 Sample : VU0917WBL01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK09

Quant Time: Sep 18 03:26:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 17 02:07:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 129072   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 130873   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 57769    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 31830    | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.40% |
| 7) Chloroethane-d5             | 1.92   | 69    | 29234    | 4.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 54483    | 3.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.20% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 139466   | 49.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.96% |
| 24) Chloroform-d               | 5.08   | 84    | 67641    | 4.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.20% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 45757    | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00% |
| 32) Benzene-d6                 | 5.74   | 84    | 134668   | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 44369    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.00% |
| 41) Toluene-d8                 | 7.90   | 98    | 110242   | 3.99     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.80% |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 18839    | 4.07     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.40% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 99531    | 45.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 40113    | 4.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45082    | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.40% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 2740 | 0.209 ug/L | 92     |
| 25) Chloroform         | 5.11 | 83 | 7987 | 0.353 ug/L | 90     |

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

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