

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU070920\  
 Data File : VU039387.D  
 Acq On : 09 Jul 2020 11:09  
 Operator : SY/MD  
 Sample : VU0709WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK01

Quant Time: Jul 11 01:50:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 10 00:19:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 105577   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 99179    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 47205    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 32115    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.00% |
| 7) Chloroethane-d5             | 1.93   | 69    | 27898    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 45915    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 138831   | 49.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.18%  |
| 24) Chloroform-d               | 5.08   | 84    | 60962    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 40213    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.75   | 84    | 119425   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 41304    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 103859   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17461    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 100259   | 45.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 37914    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 42409    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.60% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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