

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\  
 Data File : VU035917.D  
 Acq On : 29 Nov 2019 12:56  
 Operator : JC/SP  
 Sample : K5992-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Nov 30 04:07:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 30 03:20:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 226598   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 272169   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 99471    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 133515   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 131283   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 169159   | 3.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.40%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 367437   | 53.64    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.28% |
| 24) Chloroform-d               | 5.11   | 84    | 247990   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 134744   | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.80%  |
| 32) Benzene-d6                 | 5.77   | 84    | 467139   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 163687   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 356535   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 54052    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 269613   | 49.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 136956   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 117406   | 5.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.60% |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 2.68 | 43 | 15252 | 2.535 ug/L 93 |

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

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