

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101819\  
 Data File : VV013204.D  
 Acq On : 18 Oct 2019 15:43  
 Operator : SY/MD  
 Sample : VV1018WBL01  
 Misc : 25.00ML/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK35

Quant Time: Nov 01 02:18:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 01 02:14:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 487776   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 503866   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 253704   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 220945   | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 181941   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 275800   | 3.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.20% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 395124   | 38.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 76.68% |
| 24) Chloroform-d               | 4.39   | 84    | 419008   | 4.37     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.40% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 203479   | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40% |
| 32) Benzene-d6                 | 5.09   | 84    | 873143   | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 263610   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.00% |
| 41) Toluene-d8                 | 7.35   | 98    | 722538   | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.40% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 88846    | 4.34     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.80% |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 327990   | 39.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 177943   | 4.34     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 263812   | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.20% |

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

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

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