

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
 Data File : VU032709.D  
 Acq On : 13 Jun 2019 21:21  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK40

Quant Time: Jun 14 08:46:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 14 07:38:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 97426    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 92402    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43417    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 28861    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.20%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 27708    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 45693    | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.20%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 91158    | 51.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.14% |
| 24) Chloroform-d               | 4.64   | 84    | 58908    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 33924    | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 117693   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 37403    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.60% |
| 41) Toluene-d8                 | 7.56   | 98    | 106301   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.00% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 13459    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 52308    | 34.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 69.00%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 27642    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 41833    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.20% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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