

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041520\  
 Data File : VU037734.D  
 Acq On : 15 Apr 2020 15:29  
 Operator : JC/MD  
 Sample : VIBLK20  
 Misc : 25mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK20

Quant Time: Apr 16 10:14:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 16 01:23:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 291734   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 283633   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 135976   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 88766    | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 78946    | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 116138   | 2.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.20%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 277051   | 45.70    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 24) Chloroform-d               | 5.10   | 84    | 138968   | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 91108    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 319035   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 107761   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 284837   | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 45679    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.60%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 245051   | 42.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 82611    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 103346   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 85.20%  |

| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 47) Tetrachloroethene | 8.57 | 164 | 2402 | 0.145 ug/L | 93     |

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

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