

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\  
 Data File : VU037241.D  
 Acq On : 13 Mar 2020 14:52  
 Operator : JC/MD  
 Sample : L1883-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 14 00:42:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 14 00:24:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 124278   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 126486   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 55101    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 38301    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 33265    | 5.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 57019    | 3.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 103193   | 49.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.86%  |
| 24) Chloroform-d               | 5.11   | 84    | 76235    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 47009    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 144282   | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 45546    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 128097   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 19048    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 82761    | 48.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 36284    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 46897    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.60%  |

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

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

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