

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\  
 Data File : VU037302.D  
 Acq On : 16 Mar 2020 19:05  
 Operator : JC/MD  
 Sample : L1923-08DL 4X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0NG6DL

Quant Time: Mar 17 02:26:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 17 01:33:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 125654   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 122708   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 52371    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 29954    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 29698    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 50492    | 3.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 102138   | 51.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.28% |
| 24) Chloroform-d               | 5.10   | 84    | 75410    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 44647    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 132765   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.20% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 45453    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.60% |
| 41) Toluene-d8                 | 7.92   | 98    | 121028   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 18838    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 99.20%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 82736    | 48.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 37270    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 45522    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.40% |

| Target Compounds       |      |    |       |              | Ovalue |
|------------------------|------|----|-------|--------------|--------|
| 12) 1,1-Dichloroethene | 2.60 | 96 | 3765  | 0.467 ug/L # | 1      |
| 34) Trichloroethene    | 6.57 | 95 | 56371 | 5.599 ug/L   | 95     |

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

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