

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\  
 Data File : VU039544.D  
 Acq On : 17 Jul 2020 12:11  
 Operator : SY/MD  
 Sample : L3313-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4C19

Quant Time: Jul 18 00:13:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 17 23:38:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 87342    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 84091    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 37721    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 20757    | 4.10     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.00% |
| 7) Chloroethane-d5             | 1.92   | 69    | 23722    | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 32971    | 3.31     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 96894    | 41.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.66% |
| 24) Chloroform-d               | 5.09   | 84    | 51616    | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 32311    | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60% |
| 32) Benzene-d6                 | 5.75   | 84    | 95401    | 4.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20% |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 32745    | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 81491    | 4.64     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.80% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 12178    | 3.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 77.60% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 69221    | 37.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 74.30% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 27225    | 3.86     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 32880    | 4.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60% |

| Target Compounds         |      |    |       |            | Ovalue |
|--------------------------|------|----|-------|------------|--------|
| 25) Chloroform           | 5.11 | 83 | 66892 | 5.887 ug/L | 99     |
| 38) Bromodichloromethane | 7.12 | 83 | 5759  | 0.658 ug/L | 97     |

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

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