

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\  
 Data File : VU038219.D  
 Acq On : 18 May 2020 14:48  
 Operator : JC/MD  
 Sample : L2657-08DL 10X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSW1DL

Quant Time: May 18 23:15:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon May 18 22:23:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 362191   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 348472   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 165927   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 123842   | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 108842   | 3.80     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 76.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 147687   | 2.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 53.40%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 433661   | 53.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.10% |
| 24) Chloroform-d               | 5.10   | 84    | 216846   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 135428   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 444745   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 151228   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.80%  |
| 41) Toluene-d8                 | 7.92   | 98    | 379583   | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.00%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 56581    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 344003   | 53.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 130141   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 153148   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.80%  |

| Target Compounds           |      |     |        |            | Ovalue |
|----------------------------|------|-----|--------|------------|--------|
| 22) cis-1,2-Dichloroethene | 4.70 | 96  | 27014  | 0.914 ug/L | 91     |
| 34) Trichloroethene        | 6.57 | 95  | 193403 | 6.930 ug/L | 98     |
| 47) Tetrachloroethene      | 8.57 | 164 | 92345  | 4.730 ug/L | 97     |

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

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