

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102720\  
 Data File : VU040986.D  
 Acq On : 27 Oct 2020 16:15  
 Operator : SY/MD  
 Sample : L4493-02DL 200X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AQ0DL

Quant Time: Oct 28 03:30:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 28 02:17:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 54630    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 58562    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 22803    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 23487    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.40% |
| 7) Chloroethane-d5             | 1.92   | 69    | 19179    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.80% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 35973    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 83060    | 54.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.92% |
| 24) Chloroform-d               | 5.08   | 84    | 43312    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 27410    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.00% |
| 32) Benzene-d6                 | 5.74   | 84    | 77471    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 26626    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.40% |
| 41) Toluene-d8                 | 7.91   | 98    | 59664    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 10599    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 59838    | 50.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 23062    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 22835    | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.20% |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 47) Tetrachloroethene | 8.56 | 164 | 31309 | 9.562 ug/L | 96     |

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

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