

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\  
 Data File : VU040960.D  
 Acq On : 26 Oct 2020 22:48  
 Operator : SY/MD  
 Sample : L4492-16  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 27 05:43:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 27 05:24:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 63469    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 66093    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 26810    | 5.00 | ug/L  | 0.00     |

| System Monitoring Compounds    |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 27113    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.60% |
| 7) Chloroethane-d5             | 1.92   | 69    | 21405    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 40598    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 93244    | 53.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.20% |
| 24) Chloroform-d               | 5.08   | 84    | 47581    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 29136    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 88326    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 29851    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.80% |
| 41) Toluene-d8                 | 7.91   | 98    | 70951    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 11336    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 76427    | 56.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.80% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 26012    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 26925    | 5.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.40% |

| Target Compounds         |      |     |         |              | Ovalue |
|--------------------------|------|-----|---------|--------------|--------|
| 13) Acetone              | 2.66 | 43  | 3807m   | 3.171 ug/L   |        |
| 25) Chloroform           | 5.11 | 83  | 3210    | 0.351 ug/L   | 88     |
| 34) Trichloroethene      | 6.56 | 95  | 3913    | 0.779 ug/L   | 91     |
| 35) Methylcyclohexane    | 6.77 | 83  | 547     | 0.073 ug/L # | 74     |
| 38) Bromodichloromethane | 7.12 | 83  | 1742    | 0.251 ug/L # | 89     |
| 42) Toluene              | 7.97 | 91  | 2471    | 0.123 ug/L   | 97     |
| 47) Tetrachloroethene    | 8.56 | 164 | 1555993 | 421.045 ug/L | 97     |

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

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