

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\  
 Data File : VU040908.D  
 Acq On : 22 Oct 2020 15:38  
 Operator : SY/MD  
 Sample : L4447-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 23 01:21:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 22 23:17:57 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 211722   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 224285   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 91152    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 60955    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 59297    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 97205    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.00%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 302452   | 58.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.38% |
| 24) Chloroform-d               | 5.08   | 84    | 151634   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 94177    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 32) Benzene-d6                 | 5.75   | 84    | 253369   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 91669    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 192776   | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 34535    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.40%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 211566   | 52.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.36% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 85122    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 80727    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 3.06 | 84 | 11959 | 0.627 ug/L | 92     |

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

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