

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072120\  
 Data File : VU039616.D  
 Acq On : 21 Jul 2020 22:42  
 Operator : SY/MD  
 Sample : L3347-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAY09

Quant Time: Jul 22 04:32:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR072120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 22 02:01:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 105646   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 99928    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 46643    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 32204    | 6.57     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 131.40%# |
| 7) Chloroethane-d5             | 1.92   | 69    | 32941    | 6.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 123.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 50283    | 4.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 91.20%   |
| 20) 2-Butanone-d5              | 4.66   | 46    | 122165   | 55.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.46%  |
| 24) Chloroform-d               | 5.08   | 84    | 63995    | 5.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 42724    | 5.20     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.00%  |
| 32) Benzene-d6                 | 5.75   | 84    | 130741   | 5.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 42040    | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.40%  |
| 41) Toluene-d8                 | 7.91   | 98    | 116681   | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 16758    | 4.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.40%   |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 87292    | 51.93    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 35994    | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.00%   |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 43882    | 5.23     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.60%  |

## Target Compounds

|                        |       |     |       |            | Qvalue |
|------------------------|-------|-----|-------|------------|--------|
| 13) Acetone            | 2.66  | 43  | 11731 | 9.530 ug/L | 86     |
| 16) Methylene chloride | 3.06  | 84  | 3144  | 0.436 ug/L | 97     |
| 33) Benzene            | 5.79  | 78  | 7930  | 0.330 ug/L | 100    |
| 42) Toluene            | 7.98  | 91  | 17368 | 0.661 ug/L | 87     |
| 52) Ethylbenzene       | 9.57  | 91  | 6905  | 0.231 ug/L | 97     |
| 53) m,p-Xylene         | 9.70  | 106 | 3465  | 0.311 ug/L | 94     |
| 54) o-Xylene           | 10.10 | 106 | 4179  | 0.384 ug/L | 93     |

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

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