

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\  
 Data File : VU039266.D  
 Acq On : 01 Jul 2020 07:43  
 Operator : SY/MD  
 Sample : L3134-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETYK5

Quant Time: Jul 01 09:29:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR063020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 01 08:49:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 192779   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.43  | 117  | 193436   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 85512    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 73975    | 5.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 111.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 66775    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 94004    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.00%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 163933   | 30.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 60.84%  |
| 24) Chloroform-d               | 5.10   | 84    | 121992   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 76002    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 231426   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 69910    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.20%  |
| 41) Toluene-d8                 | 7.92   | 98    | 184998   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 28111    | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.20%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 111834   | 29.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 58.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 56219    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 69.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 73674    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |

## Target Compounds

|                              |      |    |       |            | Ovalue |
|------------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride            | 1.62 | 62 | 20946 | 1.099 ug/L | 94     |
| 13) Acetone                  | 2.68 | 43 | 18455 | 5.617 ug/L | 94     |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 1307  | 0.093 ug/L | 94     |
| 21) 2-Butanone               | 4.75 | 43 | 6099  | 1.181 ug/L | 91     |
| 22) cis-1,2-Dichloroethene   | 4.71 | 96 | 43077 | 2.900 ug/L | 94     |
| 34) Trichloroethene          | 6.57 | 95 | 3091  | 0.207 ug/L | 88     |

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

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