

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\  
 Data File : VU037484.D  
 Acq On : 31 Mar 2020 01:58  
 Operator : JC/MD  
 Sample : L2002-16DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWH8DL

Quant Time: Mar 31 06:22:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 31 04:01:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 97929    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 94763    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 46300    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 28256    | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 26274    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 42953    | 3.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.80%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 109475   | 55.56    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.12% |
| 24) Chloroform-d               | 5.11   | 84    | 60447    | 4.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 35110    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 121498   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 42103    | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.00%  |
| 41) Toluene-d8                 | 7.92   | 98    | 111130   | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 17802    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 90440    | 53.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 34872    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 40174    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.20%  |

| Target Compounds         |      |     |       |             | Ovalue |
|--------------------------|------|-----|-------|-------------|--------|
| 13) Acetone              | 2.68 | 43  | 16185 | 14.296 ug/L | 99     |
| 15) Methyl Acetate       | 2.99 | 43  | 33989 | 10.746 ug/L | 96     |
| 31) Carbon tetrachloride | 5.56 | 117 | 5638  | 0.548 ug/L  | 100    |

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

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