

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\  
 Data File : VU036834.D  
 Acq On : 18 Feb 2020 14:26  
 Operator : JC/MD  
 Sample : L1540-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBD85

Quant Time: Feb 19 06:06:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Feb 19 04:53:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 106609   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 100562   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 41013    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 34901    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 34381    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 47435    | 3.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.00%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 105886   | 55.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.14% |
| 24) Chloroform-d               | 5.11   | 84    | 67390    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 40063    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 32) Benzene-d6                 | 5.76   | 84    | 144914   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 47995    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 128605   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 16307    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.40%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 87905    | 51.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 38287    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 42543    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.80% |

| Target Compounds |      |     |      |              | Ovalue |
|------------------|------|-----|------|--------------|--------|
| 13) Acetone      | 2.66 | 43  | 2484 | 1.010 ug/L   | 92     |
| 53) m,p-Xylene   | 9.71 | 106 | 1435 | 0.105 ug/L # | 56     |

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

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