

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\  
 Data File : VU036759.D  
 Acq On : 12 Feb 2020 18:51  
 Operator : JC/MD  
 Sample : L1487-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBCW4

Quant Time: Feb 13 03:43:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Feb 13 00:59:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 121318   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 113500   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 52213    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 46113    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 42036    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 65535    | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.20%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 117334   | 53.63    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 107.26% |
| 24) Chloroform-d               | 5.11   | 84    | 79892    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 46972    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 174359   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 54383    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 7.93   | 98    | 160276   | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 20586    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.80%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 100191   | 51.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.08% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 41263    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 52747    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.67 | 43 | 3581 | 1.280 ug/L | 89     |

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

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