

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\  
 Data File : VU038049.D  
 Acq On : 07 May 2020 19:18  
 Operator : JC/MD  
 Sample : L2527-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSJ9

Quant Time: May 08 03:52:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 08 01:51:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 364513   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 360660   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 167246   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 150642   | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 125837   | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 181235   | 3.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.00% |
| 20) 2-Butanone-d5              | 4.66   | 46    | 306984   | 37.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 74.64% |
| 24) Chloroform-d               | 5.10   | 84    | 198379   | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.40% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 126424   | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 493891   | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.40% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 156371   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.60% |
| 41) Toluene-d8                 | 7.92   | 98    | 441103   | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 56984    | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.60% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 283580   | 42.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 114541   | 4.16     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 149818   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00% |

## Target Compounds

|                        |      |     |        |             | Ovalue |
|------------------------|------|-----|--------|-------------|--------|
| 12) 1,1-Dichloroethene | 2.59 | 96  | 1678   | 0.066 ug/L  | # 1    |
| 13) Acetone            | 2.65 | 43  | 29492  | 5.714 ug/L  | 94     |
| 25) Chloroform         | 5.13 | 83  | 27586  | 0.548 ug/L  | 100    |
| 30) Cyclohexane        | 5.42 | 56  | 9675   | 0.198 ug/L  | 94     |
| 34) Trichloroethene    | 6.57 | 95  | 309575 | 10.717 ug/L | 98     |
| 47) Tetrachloroethene  | 8.57 | 164 | 40240  | 1.992 ug/L  | 97     |

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

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