

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\  
 Data File : VU038280.D  
 Acq On : 22 May 2020 16:20  
 Operator : JC/MD  
 Sample : L2724-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BE4W4

Quant Time: May 22 22:36:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 22 22:19:50 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 384763   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 367137   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 179419   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 112886   | 3.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 64.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 103186   | 3.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 67.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 169784   | 2.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.80%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 434759   | 50.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.14% |
| 24) Chloroform-d               | 5.10   | 84    | 234855   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 136768   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 32) Benzene-d6                 | 5.76   | 84    | 490901   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 156605   | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.20%  |
| 41) Toluene-d8                 | 7.92   | 98    | 430564   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 61064    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.80%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 322787   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 125852   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 165888   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |

## Target Compounds

|                         |       |     |        |        | Ovalue   |
|-------------------------|-------|-----|--------|--------|----------|
| 13) Acetone             | 2.65  | 43  | 196199 | 36.014 | ug/L 100 |
| 21) 2-Butanone          | 4.74  | 43  | 33664  | 3.501  | ug/L 97  |
| 30) Cyclohexane         | 5.42  | 56  | 18624  | 0.375  | ug/L 97  |
| 42) Toluene             | 8.00  | 91  | 28598  | 0.230  | ug/L 98  |
| 63) 1,4-Dichlorobenzene | 11.85 | 146 | 14105  | 0.238  | ug/L 93  |

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

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