

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\  
 Data File : VU038446.D  
 Acq On : 31 May 2020 04:42  
 Operator : JC/MD  
 Sample : L2788-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXB2

Manual Integrations  
 APPROVED

MMDadoda  
 6/1/2020 4:21:41 PM

Quant Time: Jun 01 07:44:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 01 06:27:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 317831   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 310806   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 145186   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 99394    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 81447    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 146222   | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.20%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 377117   | 60.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.70% |
| 24) Chloroform-d               | 5.10   | 84    | 200983   | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 120572   | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 401077   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 125585   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.20% |
| 41) Toluene-d8                 | 7.92   | 98    | 335663   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 49911    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.20%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 316347   | 62.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 112131   | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 138841   | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.80% |

| Target Compounds |      |    |        | Ovalue        |
|------------------|------|----|--------|---------------|
| 13) Acetone      | 2.69 | 43 | 25464m | 6.227 ug/L    |
| 30) Cyclohexane  | 5.42 | 56 | 2686   | 0.078 ug/L 96 |

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

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