

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051920\  
 Data File : VU038229.D  
 Acq On : 19 May 2020 13:00  
 Operator : JC/MD  
 Sample : L2657-03DL 4X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFST6DL

Quant Time: May 20 01:41:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 20 01:25:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 397578   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 394474   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 189888   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 106075   | 2.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 58.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 107332   | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 68.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 133622   | 2.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 44.00%# |
| 20) 2-Butanone-d5              | 4.67   | 46    | 449685   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.24% |
| 24) Chloroform-d               | 5.10   | 84    | 195839   | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 71.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 125900   | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.60%  |
| 32) Benzene-d6                 | 5.76   | 84    | 406302   | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 68.80%# |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 140316   | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 73.60%  |
| 41) Toluene-d8                 | 7.92   | 98    | 345302   | 3.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.00%# |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 53334    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.80%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 351076   | 48.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.30%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 126341   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 140891   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 76.20%# |

## Target Compounds

|                                |      |     |        |       | Ovalue    |
|--------------------------------|------|-----|--------|-------|-----------|
| 2) Dichlorodifluoromethane     | 1.39 | 85  | 15634  | 0.430 | ug/L 100  |
| 9) Trichlorofluoromethane      | 2.14 | 101 | 210739 | 4.800 | ug/L 100  |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 5909   | 0.217 | ug/L # 86 |
| 12) 1,1-Dichloroethene         | 2.59 | 96  | 4678   | 0.170 | ug/L # 1  |
| 17) Methyl tert-butyl Ether    | 3.40 | 73  | 26081  | 0.340 | ug/L 99   |
| 18) trans-1,2-Dichloroethene   | 3.38 | 96  | 5872   | 0.195 | ug/L 89   |
| 19) 1,1-Dichloroethane         | 3.90 | 63  | 12321  | 0.209 | ug/L 97   |
| 22) cis-1,2-Dichloroethene     | 4.71 | 96  | 13979  | 0.431 | ug/L 93   |
| 34) Trichloroethene            | 6.57 | 95  | 132885 | 4.206 | ug/L 98   |
| 47) Tetrachloroethene          | 8.57 | 164 | 114074 | 5.162 | ug/L 99   |

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

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