

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\  
 Data File : VU041925.D  
 Acq On : 11 Jan 2021 17:06  
 Operator : SY/MD  
 Sample : M1026-10DL 25X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXL3DL

Quant Time: Jan 12 04:46:22 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011121WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jan 12 03:17:19 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 115383   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 113135   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 49586    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 45664    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 43789    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 70945    | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 151641   | 56.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.22% |
| 24) Chloroform-d               | 5.08   | 84    | 89482    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 47271    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 32) Benzene-d6                 | 5.74   | 84    | 159370   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 52447    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.80%  |
| 41) Toluene-d8                 | 7.90   | 98    | 133925   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 20612    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 118037   | 53.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 47394    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 49440    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.40% |

## Target Compounds

|                                |      |     |        |       | Ovalue    |
|--------------------------------|------|-----|--------|-------|-----------|
| 9) Trichlorofluoromethane      | 2.15 | 101 | 150534 | 8.851 | ug/L 98   |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 3413   | 0.369 | ug/L # 81 |
| 16) Methylene chloride         | 3.06 | 84  | 4701   | 0.415 | ug/L 93   |
| 17) Methyl tert-butyl Ether    | 3.39 | 73  | 2222   | 0.103 | ug/L # 61 |
| 19) 1,1-Dichloroethane         | 3.89 | 63  | 2106   | 0.128 | ug/L # 90 |
| 34) Trichloroethene            | 6.55 | 95  | 9820   | 1.026 | ug/L 92   |

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

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