

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\  
 Data File : VU041473.D  
 Acq On : 04 Dec 2020 16:14  
 Operator : SY/MD  
 Sample : L4944-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AP9

Quant Time: Dec 05 06:48:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Dec 05 05:22:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 53107    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 48408    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 25961    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 12075    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 88.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 11581    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 23212    | 3.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 50375    | 49.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.50%  |
| 24) Chloroform-d               | 5.08   | 84    | 36726    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 24797    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 56082    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.00% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 15989    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.40% |
| 41) Toluene-d8                 | 7.90   | 98    | 53071    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 10210    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 109.20% |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 41562    | 53.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.90% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 17547    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 22601    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

## Target Compounds

|                            |      |     |        |             | Ovalue |
|----------------------------|------|-----|--------|-------------|--------|
| 9) Trichlorofluoromethane  | 2.15 | 101 | 117206 | 14.519 ug/L | 99     |
| 22) cis-1,2-Dichloroethene | 4.68 | 96  | 2354   | 0.676 ug/L  | 99     |
| 31) Carbon tetrachloride   | 5.54 | 117 | 2409   | 0.375 ug/L  | 89     |
| 34) Trichloroethene        | 6.55 | 95  | 29838  | 8.251 ug/L  | 97     |
| 47) Tetrachloroethene      | 8.56 | 164 | 152401 | 53.356 ug/L | 98     |

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

