

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
 Data File : VV017296.D  
 Acq On : 01 Jul 2020 17:58  
 Operator : SY/MD  
 Sample : L3168-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK0

Quant Time: Jul 02 06:13:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 185530   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 179090   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 86924    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 44051    | 3.96     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 39009    | 4.82     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 66643    | 3.14     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80% |
| 20) 2-Butanone-d5              | 3.92   | 46    | 126102   | 44.43    | ug/L | -0.03  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.86% |
| 24) Chloroform-d               | 4.38   | 84    | 109939   | 4.62     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 60196    | 4.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 196473   | 4.23     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.60% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 60716    | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 174758   | 4.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.20% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 22843    | 3.94     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.80% |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 83042    | 37.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 75.24% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 41151    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.00% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 73220    | 4.56     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.20% |

## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|------|------|----------|--------|--------|--------|
| 13) Acetone                | 2.20 | 43   | 21982    | 15.323 | ug/L   | 99     |
| 16) Methylene chloride     | 2.53 | 84   | 2445     | 0.256  | ug/L   | 95     |
| 21) 2-Butanone             | 4.02 | 43   | 10801    | 3.994  | ug/L   | 94     |
| 22) cis-1,2-Dichloroethene | 3.95 | 96   | 17459    | 1.353  | ug/L   | 91     |
| 25) Chloroform             | 4.41 | 83   | 13833    | 0.597  | ug/L   | 92     |
| 29) 1,1,1-Trichloroethane  | 4.63 | 97   | 2695     | 0.126  | ug/L # | 80     |
| 33) Benzene                | 5.14 | 78   | 6402     | 0.136  | ug/L   | 100    |
| 34) Trichloroethene        | 5.94 | 95   | 498615   | 36.307 | ug/L   | 98     |
| 42) Toluene                | 7.41 | 91   | 69020    | 1.266  | ug/L   | 98     |
| 49) Tetrachloroethene      | 8.00 | 164  | 1908     | 0.173  | ug/L   | 91     |
| 54) Ethylbenzene           | 9.03 | 91   | 6870     | 0.118  | ug/L   | 99     |
| 55) m,p-xylene             | 9.16 | 106  | 12377    | 0.542  | ug/L   | 95     |
| 56) o-xylene               | 9.57 | 106  | 5514     | 0.259  | ug/L   | 99     |

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

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