

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\  
 Data File : VV012844.D  
 Acq On : 16 Sep 2019 18:43  
 Operator : SY/MD  
 Sample : K4682-13MS  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0BL7MS

Quant Time: Sep 17 07:45:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 17 07:22:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 391550   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 388104   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 150833   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 158517   | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 116.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 142331   | 6.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 134.00%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 265725   | 5.92     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 118.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 385245   | 102.78   | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 205.56%# |
| 24) Chloroform-d               | 4.40   | 84    | 153713   | 3.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.20%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 152737   | 7.79     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 155.80%# |
| 32) Benzene-d6                 | 5.10   | 84    | 581847   | 6.86     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 137.20%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 184494   | 7.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 143.00%# |
| 41) Toluene-d8                 | 7.36   | 98    | 456725   | 6.00     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 120.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 60674    | 7.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 145.60%# |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 183323   | 78.44    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 156.88%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 24007    | 1.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 33.80%#  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 167543   | 8.01     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 160.20%# |

## Target Compounds

|                        |      |     |        |            | Ovalue |
|------------------------|------|-----|--------|------------|--------|
| 12) 1,1-Dichloroethene | 2.14 | 96  | 132896 | 6.214 ug/L | 93     |
| 14) Carbon disulfide   | 2.31 | 76  | 20383  | 0.443 ug/L | 98     |
| 25) Chloroform         | 4.42 | 83  | 139983 | 2.606 ug/L | 95     |
| 33) Benzene            | 5.14 | 78  | 599228 | 6.110 ug/L | 100    |
| 34) Trichloroethene    | 5.96 | 95  | 149864 | 5.355 ug/L | 98     |
| 42) Toluene            | 7.43 | 91  | 609595 | 6.079 ug/L | 99     |
| 51) Chlorobenzene      | 8.92 | 112 | 391094 | 5.646 ug/L | 98     |

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

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