

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061919\  
 Data File : VV011607.D  
 Acq On : 19 Jun 2019 06:21  
 Operator : SY/MD  
 Sample : K3381-01  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCK8

Quant Time: Jun 19 11:33:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jun 19 07:50:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 160169   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 143965   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 54540    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 41387    | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.40%  |
| 7) Chloroethane-d5             | 1.56   | 69    | 30345    | 3.96     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 64599    | 2.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.20%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 165007   | 48.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.98%  |
| 24) Chloroform-d               | 4.40   | 84    | 95581    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59237    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 32) Benzene-d6                 | 5.09   | 84    | 183149   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 61523    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 145902   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 14168    | 3.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 114664   | 43.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 44399    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 48046    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.20%  |

| Target Compounds           |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 19) 1,1-Dichloroethane     | 3.22 | 63 | 18573 | 0.797 ug/L | 97     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 2525  | 0.198 ug/L | 93     |
| 34) Trichloroethene        | 5.96 | 95 | 24572 | 2.049 ug/L | 99     |

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

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