

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\  
 Data File : VV011363.D  
 Acq On : 10 Jun 2019 21:18  
 Operator : SY/MD  
 Sample : K3226-04  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCP3

Quant Time: Jun 11 03:53:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 11 01:32:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 150072   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 138339   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 56878    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 39847    | 3.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 70.00% |
| 7) Chloroethane-d5             | 1.56   | 69    | 35314    | 3.74     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 74.80% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 80228    | 3.53     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.60% |
| 20) 2-Butanone-d5              | 3.95   | 46    | 124605   | 48.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.34% |
| 24) Chloroform-d               | 4.40   | 84    | 85923    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 49152    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80% |
| 32) Benzene-d6                 | 5.09   | 84    | 164632   | 3.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 52469    | 4.12     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 82.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 141345   | 3.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.40% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 15223    | 3.13     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.60% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 94660    | 46.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.22% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 37560    | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 48815    | 4.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 87.00% |

## Target Compounds

|                              |      |     |         |         | Ovalue    |
|------------------------------|------|-----|---------|---------|-----------|
| 5) Vinyl chloride            | 1.32 | 62  | 80980   | 5.865   | ug/L 96   |
| 12) 1,1-Dichloroethene       | 2.13 | 96  | 26000   | 2.750   | ug/L # 81 |
| 13) Acetone                  | 2.20 | 43  | 3752    | 2.186   | ug/L 85   |
| 17) Methyl tert-butyl Ether  | 2.81 | 73  | 112179  | 4.444   | ug/L 97   |
| 18) trans-1,2-Dichloroethene | 2.78 | 96  | 61790   | 5.837   | ug/L 94   |
| 22) cis-1,2-Dichloroethene   | 3.96 | 96  | 1282716 | 109.410 | ug/L # 97 |
| 34) Trichloroethene          | 5.96 | 95  | 7497034 | 659.254 | ug/L 96   |
| 47) Tetrachloroethene        | 8.02 | 164 | 5230    | 0.636   | ug/L 96   |

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

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