

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\  
 Data File : VV011720.D  
 Acq On : 22 Jun 2019 07:10  
 Operator : SY/MD  
 Sample : K3462-06 500X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCW3

Quant Time: Jun 24 08:00:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 24 05:42:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 159472   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 149868   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 60639    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 43376    | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 82.00%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 30661    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 68823    | 3.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 166873   | 59.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.70% |
| 24) Chloroform-d               | 4.40   | 84    | 94177    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 58523    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.09   | 84    | 192362   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 62930    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 163118   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 17205    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 121802   | 57.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 115.38% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 46456    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 56879    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40%  |

| Target Compounds           |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 29929  | 2.030 ug/L  | 96     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 167403 | 13.129 ug/L | 100    |
| 34) Trichloroethene        | 5.96 | 95 | 318190 | 24.150 ug/L | 100    |

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

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