

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\  
 Data File : VV012531.D  
 Acq On : 02 Sep 2019 16:10  
 Operator : SY/MD  
 Sample : K4607-07 50X  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFD63

Quant Time: Sep 03 06:42:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 03 05:44:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 141343   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 142352   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 67044    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 66227    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 68376    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 114691   | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 133134   | 50.89    | ug/L | -0.04   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.78% |
| 24) Chloroform-d               | 4.40   | 84    | 107162   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59073    | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 206268   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 67157    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 170164   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 20423    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 78714    | 45.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 44929    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 71754    | 5.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 116.60% |

## Target Compounds

|                            |      |     |        |             | Ovalue |
|----------------------------|------|-----|--------|-------------|--------|
| 22) cis-1,2-Dichloroethene | 3.96 | 96  | 62711  | 4.151 ug/L  | 97     |
| 29) 1,1,1-Trichloroethane  | 4.66 | 97  | 2530   | 0.107 ug/L  | # 78   |
| 34) Trichloroethene        | 5.96 | 95  | 192620 | 11.894 ug/L | 98     |
| 47) Tetrachloroethene      | 8.02 | 164 | 3125   | 0.267 ug/L  | 93     |
| 53) m,p-xylene             | 9.18 | 106 | 2815   | 0.112 ug/L  | 86     |
| 54) o-xylene               | 9.59 | 106 | 5561   | 0.234 ug/L  | 66     |

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

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