

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV081419\  
 Data File : VV012238.D  
 Acq On : 14 Aug 2019 16:47  
 Operator : SY/MD  
 Sample : K4337-12  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA6

Quant Time: Aug 15 23:43:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Aug 15 23:30:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 199791   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 196146   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 85317    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 54014    | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 45064    | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 65300    | 3.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.80% |
| 20) 2-Butanone-d5              | 3.95   | 46    | 128292   | 48.26    | ug/L | -0.02  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.52% |
| 24) Chloroform-d               | 4.40   | 84    | 114434   | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 56440    | 4.89     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 232637   | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 69730    | 4.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 196027   | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.60% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24342    | 4.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.00% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 76356    | 42.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.04% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 47437    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 71770    | 4.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.40% |

| Target Compounds        |       |     |      |            | Qvalue |
|-------------------------|-------|-----|------|------------|--------|
| 3) Chloromethane        | 1.25  | 50  | 2893 | 0.167 ug/L | 95     |
| 13) Acetone             | 2.20  | 43  | 3433 | 2.072 ug/L | 97     |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 7642 | 0.293 ug/L | 95     |

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

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