

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081619\  
 Data File : VV012272.D  
 Acq On : 16 Aug 2019 15:54  
 Operator : SY/MD  
 Sample : K4337-18  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AJ3

Quant Time: Aug 17 00:53:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 16 23:35:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 162254   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 168042   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 75743    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 71057    | 7.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 142.20%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 56063    | 7.34     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 146.80%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 56081    | 3.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 117429   | 54.39    | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.78%  |
| 24) Chloroform-d               | 4.40   | 84    | 105453   | 5.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 54614    | 5.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 213359   | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 62633    | 5.00     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 190827   | 4.92     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 25368    | 5.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 105.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 81042    | 52.68    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 50728    | 5.81     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 116.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 80362    | 6.27     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 125.40%# |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.21 | 43 | 9652 | 7.174 ug/L | 90     |

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

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