

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\  
 Data File : VV012287.D  
 Acq On : 19 Aug 2019 19:56  
 Operator : SY/MD  
 Sample : K4395-08  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AJ6

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2019 11:32:09 AM

Quant Time: Aug 20 03:02:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 20 02:35:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 170004   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 166261   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 49846    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 55162    | 6.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 127.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 47134    | 7.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 148.60%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 61390    | 3.72     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.40%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 156536   | 66.84    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 133.68%# |
| 24) Chloroform-d               | 4.40   | 84    | 120999   | 5.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 62226    | 5.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 237681   | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 73798    | 5.93     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 118.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 189437   | 4.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 24843    | 4.65     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.00%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 79456    | 47.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 94.30%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 25415    | 2.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 53.80%#  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 50434    | 5.03     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.60%  |

| Target Compounds |      |    |       |               | Ovalue |
|------------------|------|----|-------|---------------|--------|
| 13) Acetone      | 2.22 | 43 | 20485 | 16.721 ug/L # | 60     |
| 21) 2-Butanone   | 4.05 | 43 | 8513m | 3.662 ug/L    |        |
| 48) 2-Hexanone   | 8.19 | 43 | 42290 | 10.399 ug/L # | 84     |

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

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