

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\  
 Data File : VV017099.D  
 Acq On : 25 Jun 2020 03:05  
 Operator : SY/MD  
 Sample : L3102-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9L52

Quant Time: Jun 25 05:56:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 25 05:27:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 176636   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 172378   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 79644    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 35398    | 3.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 66.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 29732    | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 77.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 56938    | 2.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.40%# |
| 20) 2-Butanone-d5              | 3.92   | 46    | 107713   | 39.87    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 79.74%  |
| 24) Chloroform-d               | 4.38   | 84    | 94568    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 51862    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.20%  |
| 32) Benzene-d6                 | 5.08   | 84    | 179574   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 55186    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 82.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 160013   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.20%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 20303    | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.80%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 76280    | 35.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 71.80%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 38116    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 64484    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 87.60%  |

| Target Compounds |      |    |       |              | Ovalue |
|------------------|------|----|-------|--------------|--------|
| 13) Acetone      | 2.20 | 43 | 25928 | 18.984 ug/L  | 99     |
| 30) Cyclohexane  | 4.70 | 56 | 9004  | 0.458 ug/L # | 91     |

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

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