

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\  
 Data File : VV018464.D  
 Acq On : 25 Sep 2020 18:32  
 Operator : SY/MD  
 Sample : L4108-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3Q8

Quant Time: Sep 26 03:39:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 26 02:48:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 376645   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 359852   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 180524   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 133540   | 43.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.02% |
| 7) Chloroethane-d5             | 1.58    | 69    | 111003   | 44.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.38% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 188303   | 33.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.88% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 169913   | 90.44    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.44% |
| 24) Chloroform-d               | 4.38    | 84    | 229593   | 43.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.22% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 152293   | 44.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.22% |
| 32) Benzene-d6                 | 5.08    | 84    | 490454   | 47.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.22% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 154344   | 47.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.30% |
| 41) Toluene-d8                 | 7.34    | 98    | 441496   | 47.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.06% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 75003    | 45.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.18% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 99122    | 79.95    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.95% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 172518   | 41.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.98% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 182940   | 49.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.68% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.21 | 43 | 4983 | 3.312 ug/L | 97     |

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

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