

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\  
 Data File : VV013955.D  
 Acq On : 09 Dec 2019 12:05  
 Operator : SY/MD  
 Sample : PB125310TB  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VLEB01

Quant Time: Dec 10 04:54:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 10 04:29:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 672669   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 610256   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 268112   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 186591   | 47.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.92% |
| 7) Chloroethane-d5             | 1.57    | 69    | 196552   | 48.40    | ug/L | 0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 322690   | 37.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.02% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 241390   | 88.15    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.15% |
| 24) Chloroform-d               | 4.40    | 84    | 359174   | 43.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.92% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 230575   | 44.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.08% |
| 32) Benzene-d6                 | 5.09    | 84    | 748495   | 47.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.66% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 234057   | 49.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.62% |
| 41) Toluene-d8                 | 7.35    | 98    | 633447   | 43.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.88% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 95297    | 41.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.52% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 128717   | 72.62    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 72.62% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 281370   | 40.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.88% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 258912   | 49.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.34% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 2.19 | 43 | 8030 | 2.001 ug/L | 89     |
| 16) Methylene chloride | 2.53 | 84 | 4636 | 0.911 ug/L | 94     |

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

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