

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021320\  
 Data File : VV014580.D  
 Acq On : 13 Feb 2020 11:02  
 Operator : SY/MD  
 Sample : VV0213WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK71

Quant Time: Feb 13 15:37:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM021220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 13 15:27:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 310852   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 294417   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 144898   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 53640    | 44.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.86% |
| 7) Chloroethane-d5             | 1.58    | 69    | 38476    | 45.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.66% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 71539    | 35.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.82% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 92434    | 93.37    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.37% |
| 24) Chloroform-d               | 4.39    | 84    | 159768   | 45.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.78% |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 106798   | 49.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.90% |
| 32) Benzene-d6                 | 5.09    | 84    | 337552   | 47.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.88% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 103383   | 48.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.50% |
| 41) Toluene-d8                 | 7.35    | 98    | 322901   | 47.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.34% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 53554    | 45.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.60% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 72202    | 85.20    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.20% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 134816   | 46.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.68% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 123701   | 48.32    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.64% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.42 | 83 | 6453 | 1.769 ug/L | 99     |

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

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