

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\  
 Data File : VV014570.D  
 Acq On : 12 Feb 2020 14:05  
 Operator : SY/MD  
 Sample : VV0212WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK70

Quant Time: Feb 13 09:10:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM021220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 13 05:55:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 301405   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 282057   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 139527   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 58402    | 50.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 100.92% |
| 7) Chloroethane-d5             | 1.58    | 69    | 40451    | 49.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.38%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 74428    | 38.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.06%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 94990    | 98.96    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.96%  |
| 24) Chloroform-d               | 4.39    | 84    | 163574   | 48.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 108752   | 51.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.88% |
| 32) Benzene-d6                 | 5.09    | 84    | 348757   | 51.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 104981   | 51.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.34% |
| 41) Toluene-d8                 | 7.35    | 98    | 332936   | 51.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.60% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 56803    | 50.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.40% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 79752    | 98.24    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 139483   | 50.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.16% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 127481   | 51.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.42% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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