

Data File : VV016525.D  
Acq On : 05 Jun 2020 10:59  
Operator : SY/MD  
Sample : VV0605WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK68

Quant Time: Jun 06 00:30:58 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 06 00:07:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 398990   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 375304   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 177896   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 119377   | 42.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.48%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 89400    | 43.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 164183   | 32.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.54%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 191318   | 105.88   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.88% |
| 24) Chloroform-d               | 4.37    | 84    | 251040   | 47.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.68%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 173236   | 48.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.56%  |
| 32) Benzene-d6                 | 5.07    | 84    | 503099   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.08% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 157200   | 50.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.36% |
| 41) Toluene-d8                 | 7.33    | 98    | 452452   | 49.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.10%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 74075    | 48.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.04%  |
| 47) 2-Hexanone-d5              | 8.10    | 63    | 144257   | 107.53   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.53% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 205389   | 48.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.68%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 177730   | 53.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.32% |

Target Compounds Qvalue

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

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