

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\  
 Data File : VV007740.D  
 Acq On : 22 Sep 2018 17:54  
 Operator : SY/MD  
 Sample : VV0923WBL01  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK62

Quant Time: Sep 24 03:49:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 24 02:35:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 198157   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 187271   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 97976    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 52049    | 48.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.66%  |
| 7) Chloroethane-d5             | 1.59    | 69    | 49214    | 50.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.58% |
| 11) 1,1-Dichloroethene-d2      | 2.14    | 63    | 93685    | 36.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.80%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 70610    | 99.27    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.27%  |
| 24) Chloroform-d               | 4.41    | 84    | 109480   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 73485    | 49.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.94%  |
| 32) Benzene-d6                 | 5.11    | 84    | 218983   | 50.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.74% |
| 36) 1,2-Dichloropropane-d6     | 6.13    | 67    | 64555    | 50.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.56% |
| 41) Toluene-d8                 | 7.36    | 98    | 222614   | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.98%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 29763    | 46.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.88%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 54077    | 96.60    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 94008    | 47.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.76%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 101208   | 50.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.44% |

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

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

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