

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\  
 Data File : VV017963.D  
 Acq On : 13 Aug 2020 11:52  
 Operator : SY/MD  
 Sample : VV0813WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK78

Quant Time: Aug 14 04:25:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 14 04:14:46 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 266890   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 263095   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 127096   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 89142    | 43.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.56%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 78436    | 47.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.16%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 140677   | 36.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.24%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 127327   | 95.47    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.47%  |
| 24) Chloroform-d               | 4.38    | 84    | 177041   | 47.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 121654   | 50.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.06% |
| 32) Benzene-d6                 | 5.08    | 84    | 354412   | 48.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.76%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 116271   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.10%  |
| 41) Toluene-d8                 | 7.34    | 98    | 318556   | 48.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.70%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 50246    | 46.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.46%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 63524    | 83.51    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.51%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 144336   | 46.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.52%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 132822   | 53.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.20% |

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

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

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