

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\  
 Data File : VX019224.D  
 Acq On : 03 Nov 2020 11:00  
 Operator : JC/MD  
 Sample : VX1103MBL03  
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VBLK411

Quant Time: Nov 04 01:41:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXLM110220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 04 01:20:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 423997   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 398550   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 180178   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 171930   | 47.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.20%  |
| 7) Chloroethane-d5             | 1.70    | 69    | 136580   | 50.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.78% |
| 11) 1,1-Dichloroethene-d2      | 2.34    | 63    | 228688   | 37.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.94%  |
| 21) 2-Butanone-d5              | 4.53    | 46    | 211471   | 113.56   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.56% |
| 24) Chloroform-d               | 5.14    | 84    | 288736   | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.14%  |
| 26) 1,2-Dichloroethane-d4      | 6.03    | 65    | 200634   | 47.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.00%  |
| 32) Benzene-d6                 | 6.05    | 84    | 610537   | 49.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.70%  |
| 36) 1,2-Dichloropropane-d6     | 7.37    | 67    | 183293   | 50.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.36% |
| 41) Toluene-d8                 | 8.70    | 98    | 563921   | 44.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 8.99    | 79    | 94635    | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.68%  |
| 47) 2-Hexanone-d5              | 9.43    | 63    | 170832   | 113.21   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 113.21% |
| 56) 1,1,2,2-Tetrachloroethane- | 11.23   | 84    | 224168   | 52.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 104.02% |
| 66) 1,2-Dichlorobenzene-d4     | 12.36   | 152   | 189044   | 52.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.52% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 42) Toluene      | 8.76 | 91 | 8442 | 0.678 ug/L | 97     |

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

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