

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110420\  
 Data File : VV019230.D  
 Acq On : 03 Nov 2020 12:26  
 Operator : SY/MD  
 Sample : VV1104MBL02  
 Misc : 5.0µ/5.0mL/100µL/5.1mL/MSVOA\_V/MEOH  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK311

Quant Time: Nov 04 07:19:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVLM110320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 04 07:03:57 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 243027   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 234811   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 120919   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 86749    | 46.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.50%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 74323    | 50.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.14% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 138281   | 39.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.64%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 109468   | 105.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 105.85% |
| 24) Chloroform-d               | 4.38    | 84    | 166891   | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 119193   | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.46%  |
| 32) Benzene-d6                 | 5.07    | 84    | 320871   | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 96033    | 49.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.22%  |
| 41) Toluene-d8                 | 7.34    | 98    | 296257   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.10%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52768    | 48.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.28%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 71403    | 95.01    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.01%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 118420   | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.82%  |
| 66) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 122472   | 50.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.26% |

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

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

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