

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\  
 Data File : VV019240.D  
 Acq On : 04 Nov 2020 11:24  
 Operator : SY/MD  
 Sample : VV1105MBL01  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK70

Quant Time: Nov 05 02:33:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 05 02:20:23 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 249982   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 245664   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 125228   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 101050   | 50.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.74% |
| 7) Chloroethane-d5             | 1.58    | 69    | 82831    | 53.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.34% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 151655   | 40.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.26%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 109567   | 90.05    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.05%  |
| 24) Chloroform-d               | 4.37    | 84    | 176879   | 47.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 125341   | 48.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.36%  |
| 32) Benzene-d6                 | 5.07    | 84    | 344162   | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.78%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 103532   | 49.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.66%  |
| 41) Toluene-d8                 | 7.33    | 98    | 317900   | 47.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.98%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 55880    | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.94%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 74182    | 82.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 82.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 122447   | 43.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 134198   | 51.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.02% |

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

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

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