

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019570.D  
 Acq On : 12 Dec 2020 21:40  
 Operator : SY/MD  
 Sample : VV1212MBL02  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK64

Quant Time: Dec 13 08:04:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 13 07:40:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 669498   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 616330   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 286700   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 192717   | 40.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.28%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 168015   | 44.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 294218   | 33.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.04%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 276724   | 106.05   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.05% |
| 24) Chloroform-d               | 4.35    | 84    | 386644   | 44.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 270568   | 47.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.70%  |
| 32) Benzene-d6                 | 5.05    | 84    | 758827   | 46.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.32%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 244866   | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.10%  |
| 41) Toluene-d8                 | 7.32    | 98    | 666549   | 45.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.08%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 121977   | 41.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.30%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 202270   | 100.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 331157   | 47.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 249672   | 46.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.18%  |

| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 7.98 | 164 | 2531 | 0.769 ug/L | 96     |

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

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