

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\  
 Data File : VV019807.D  
 Acq On : 23 Dec 2020 12:23  
 Operator : SY/MD  
 Sample : VV1223MBL01  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK61

Manual Integrations  
 APPROVED

MMDadoda  
 12/26/2020 1:35:18 PM

Quant Time: Dec 23 22:58:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 23 22:04:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 739444   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 685485   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 319105   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 243869   | 45.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.98%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 190663   | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.18%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 344103m  | 34.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.94%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 316392   | 109.78   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.78% |
| 24) Chloroform-d               | 4.35    | 84    | 419817   | 43.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.86%  |
| 26) 1,2-Dichloroethane-d4      | 5.03    | 65    | 288493   | 46.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.38%  |
| 32) Benzene-d6                 | 5.05    | 84    | 840751   | 45.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 268961   | 46.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.92%  |
| 41) Toluene-d8                 | 7.32    | 98    | 731742   | 44.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.90%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 128690   | 39.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.02%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 188803   | 84.00    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.00%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 314829   | 40.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 263826   | 44.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.46%  |

Target Compounds Ovalue

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

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