

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\  
 Data File : VV019809.D  
 Acq On : 23 Dec 2020 14:00  
 Operator : SY/MD  
 Sample : L5173-07  
 Misc : 5.22g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4R3

Quant Time: Dec 23 23:06:51 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     | 5.61  | 114  | 783725   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 741773   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.26 | 152  | 344170   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 247339   | 44.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.02% |
| 7) Chloroethane-d5             | 1.57    | 69    | 160550   | 36.22    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 72.44% |
| 11) 1,1-Dichloroethene-d2      | 2.08    | 63    | 364810   | 34.98    | ug/L | -0.03  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.96% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 288272   | 94.37    | ug/L | 0.01   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.37% |
| 24) Chloroform-d               | 4.35    | 84    | 460177   | 45.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.86% |
| 26) 1,2-Dichloroethane-d4      | 5.03    | 65    | 328035   | 49.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.12% |
| 32) Benzene-d6                 | 5.05    | 84    | 940529   | 47.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.08% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 300852   | 48.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.10% |
| 41) Toluene-d8                 | 7.32    | 98    | 827521   | 46.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.92% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 139325   | 39.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.04% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 210373   | 86.49    | ug/L | 0.04   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.49% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 338546   | 40.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.78% |
| 64) 1,2-Dichlorobenzene-d4     | 11.64   | 152   | 280279   | 43.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.14% |

| Target Compounds      |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 34) Trichloroethene   | 5.91 | 95  | 40233  | 7.025 ug/L   | 91     |
| 46) Tetrachloroethene | 7.98 | 164 | 506508 | 127.821 ug/L | 99     |

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

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