

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122420\  
 Data File : VU041799.D  
 Acq On : 24 Dec 2020 10:06  
 Operator : SY/MD  
 Sample : PB133786TB 10X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VLEB001

Quant Time: Dec 25 02:51:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMULM121620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 25 02:17:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 314995   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 296463   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 119340   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60    | 65    | 130837   | 55.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 111.16% |
| 7) Chloroethane-d5             | 1.92    | 69    | 119574   | 60.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 121.14% |
| 11) 1,1-Dichloroethene-d2      | 2.58    | 63    | 187266   | 44.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.88%  |
| 21) 2-Butanone-d5              | 4.64    | 46    | 176679   | 98.52    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.52%  |
| 24) Chloroform-d               | 5.08    | 84    | 208276   | 50.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.58% |
| 26) 1,2-Dichloroethane-d4      | 5.72    | 65    | 134360   | 50.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.72% |
| 32) Benzene-d6                 | 5.74    | 84    | 425747   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.70    | 67    | 133191   | 50.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.18% |
| 41) Toluene-d8                 | 7.90    | 98    | 386359   | 47.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.72%  |
| 43) trans-1,3-Dichloropropene- | 8.18    | 79    | 64842    | 47.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.52%  |
| 47) 2-Hexanone-d5              | 8.64    | 63    | 142783   | 98.48    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.48%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.75   | 84    | 195564   | 48.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.76%  |
| 66) 1,2-Dichlorobenzene-d4     | 12.19   | 152   | 134749   | 54.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.80% |

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

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

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