

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\  
 Data File : VV017810.D  
 Acq On : 06 Aug 2020 13:40  
 Operator : SY/MD  
 Sample : PB130761TB  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VLEB01

Manual Integrations  
 APPROVED

MMDadoda  
 8/7/2020 12:53:00 PM

Quant Time: Aug 07 06:06:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 07 05:27:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 214863   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 216772   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 121593   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 42003    | 40.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.18%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 40952    | 45.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 86799    | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.94%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 84970    | 107.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.85% |
| 24) Chloroform-d               | 4.37    | 84    | 136234   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 107924   | 51.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.07    | 84    | 226892   | 44.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 60628    | 42.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.60%  |
| 41) Toluene-d8                 | 7.34    | 98    | 236889   | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.22%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 43095    | 46.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.08%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 66293    | 108.89   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.89% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 94349    | 44.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.24%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 119878   | 50.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.46% |

| Target Compounds         |      |    |       |            | Ovalue |
|--------------------------|------|----|-------|------------|--------|
| 13) Acetone              | 2.19 | 43 | 9766  | 9.760 ug/L | 97     |
| 16) Methylene chloride   | 2.52 | 84 | 7578  | 4.970 ug/L | 89     |
| 40) 4-Methyl-2-pentanone | 7.25 | 43 | 4432m | 2.413 ug/L |        |

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

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