

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\  
 Data File : VV019668.D  
 Acq On : 16 Dec 2020 12:36  
 Operator : SY/MD  
 Sample : VV1216WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK70

Quant Time: Dec 17 00:38:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 17 00:30:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 645100   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 604813   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 298232   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 223601   | 48.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.68%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 179373   | 49.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.32%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 316101   | 36.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.64%  |
| 21) 2-Butanone-d5              | 3.88    | 46    | 303609   | 120.75   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 120.75% |
| 24) Chloroform-d               | 4.35    | 84    | 388587   | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.03    | 65    | 267562   | 49.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.22%  |
| 32) Benzene-d6                 | 5.05    | 84    | 783934   | 48.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 250487   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.14%  |
| 41) Toluene-d8                 | 7.32    | 98    | 690952   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.16%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 124336   | 43.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.52%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 211301   | 106.55   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.55% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 309800   | 45.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 256692   | 46.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.08%  |

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

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

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