

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\  
 Data File : VW016702.D  
 Acq On : 30 Sep 2020 10:11  
 Operator : SY/VA  
 Sample : VW0930SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK23

Manual Integrations  
 APPROVED

MMDadoda  
 10/5/2020 4:10:03 PM

Quant Time: Oct 01 07:04:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 05:05:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 582875   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 521076   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 255508   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 97467    | 17.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.12% |
| 7) Chloroethane-d5             | 2.91   | 69    | 90990    | 19.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.00% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 157604   | 12.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 49.96% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 62079    | 40.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.72% |
| 24) Chloroform-d               | 7.66   | 84    | 287351   | 23.57    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.28% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 144630   | 23.11    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.44% |
| 29) Benzene-d6                 | 8.28   | 84    | 509750   | 21.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.24% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 152454   | 24.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.28% |
| 37) Toluene-d8                 | 10.33  | 98    | 457499   | 19.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 79.60% |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 65299    | 20.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.80% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 50384    | 43.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.48% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 130295   | 24.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 198107   | 24.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.08% |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 13) Acetone            | 4.16 | 43 | 1403m  | 1.164 ug/L |
| 16) Methylene chloride | 4.93 | 84 | 12074m | 1.343 ug/L |

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

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