

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022520\  
 Data File : VW015031.D  
 Acq On : 25 Feb 2020 13:36  
 Operator : SY/VA  
 Sample : VW0225SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK08

Quant Time: Feb 26 03:56:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 26 03:52:23 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 778861   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 715217   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 271994   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 471610   | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.80%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 329170   | 23.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.76%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 585883   | 19.32    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 77.28%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 200312   | 61.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.02% |
| 24) Chloroform-d               | 7.64   | 84    | 620875   | 24.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 372894   | 26.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.16% |
| 29) Benzene-d6                 | 8.27   | 84    | 1274975  | 25.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 103.76% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 429582   | 26.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 1073934  | 26.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 104.80% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 160348   | 26.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 105.48% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 133062   | 61.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.16% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 285411   | 26.85    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 107.40% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 277184   | 27.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 111.24% |

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

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

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