

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\  
 Data File : VW017243.D  
 Acq On : 15 Nov 2020 17:13  
 Operator : SY/VA  
 Sample : L4710-10  
 Misc : 4.60G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BF0

Manual Integrations  
 APPROVED

MMDadoda  
 11/17/2020 6:52:43 PM

Quant Time: Nov 16 14:45:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 16 11:48:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 352120   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 253833   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 82391    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 83384    | 18.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.20%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 74626    | 21.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 123909   | 15.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.48%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 24737    | 24.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 49.88%  |
| 24) Chloroform-d               | 7.65   | 84    | 185578   | 22.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.32%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 97140    | 23.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.08%  |
| 29) Benzene-d6                 | 8.28   | 84    | 346903   | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 107.36% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 98172    | 27.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 294570   | 24.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.68%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 32013    | 19.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.44%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 18414    | 29.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 59.02%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 61636    | 19.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.16%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 65165    | 22.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.80%  |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------|------|------|----------|-------|-------|--------|
| 13) Acetone            | 4.14 | 43   | 1006m    | 1.515 | ug/L  |        |
| 16) Methylene chloride | 4.92 | 84   | 9033     | 1.903 | ug/L  | 93     |

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

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