

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\  
 Data File : VW016473.D  
 Acq On : 06 Sep 2020 10:41  
 Operator : SY/VA  
 Sample : L3927-04  
 Misc : 6.51G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFWT4

Manual Integrations  
 APPROVED

MMDadoda  
 9/8/2020 9:05:58 AM

Quant Time: Sep 07 05:19:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 07 04:50:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 684027   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 601797   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 281194   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 186227   | 25.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.64% |
| 7) Chloroethane-d5             | 2.90   | 69    | 160513   | 24.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 282014   | 16.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.60%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 71772    | 27.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 55.38%  |
| 24) Chloroform-d               | 7.65   | 84    | 353078m  | 22.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 181291   | 20.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 82.76%  |
| 29) Benzene-d6                 | 8.28   | 84    | 724712   | 23.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.76%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 200869   | 22.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.40%  |
| 37) Toluene-d8                 | 10.33  | 98    | 695704   | 23.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 95.68%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 94299    | 20.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.16%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 61696    | 33.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 67.18%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 143552   | 18.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 75.56%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 225643   | 23.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.88%  |

Target Compounds Ovalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090620\  
Data File : VW016473.D  
Acq On : 06 Sep 2020 10:41  
Operator : SY/VA  
Sample : L3927-04  
Misc : 6.51G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFWT4

Manual Integrations  
APPROVED

MMDadoda  
9/8/2020 9:05:58 AM

Quant Time: Sep 07 05:19:03 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
Quant Title : VOC Analysis  
QLast Update : Mon Sep 07 04:50:36 2020  
Response via : Initial Calibration

