

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122921\  
 Data File : VW021692.D  
 Acq On : 29 Dec 2021 16:24  
 Operator : SY/VA  
 Sample : M5233-05  
 Misc : 8.44g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBCC3

Quant Time: Dec 30 01:19:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 30 01:18:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 98826    | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 100045   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 56582    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 33518    | 17.202   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.800%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 24503    | 18.671   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 35273    | 12.370   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.480%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 13870    | 48.654   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 97.300%  |
| 24) Chloroform-d              | 7.647  | 84    | 59220    | 19.183   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    | 33775    | 20.720   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.880%  |
| 32) Benzene-d6                | 8.269  | 84    | 110618   | 18.621   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 31450    | 19.516   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 78.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 109547   | 18.508   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 15951    | 20.342   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.360%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 12857    | 52.607   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 30250    | 22.769   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 44803    | 20.706   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.840%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.147  | 43    | 2441     | 10.085   | ug/L   | 68       |
| 16) Methylene chloride        | 4.916  | 84    | 9438     | 5.350    | ug/L   | 77       |
| 53) m,p-Xylene                | 11.835 | 106   | 2165     | 0.683    | ug/L   | 76       |
| 54) o-Xylene                  | 12.164 | 106   | 2038     | 0.678    | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 6728     | 1.016    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146   | 2113     | 0.650    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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