

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122322\  
 Data File : VW025198.D  
 Acq On : 23 Dec 2022 15:42  
 Operator : SY/MD  
 Sample : N6171-02  
 Misc : 5.65g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBQC2

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 12/27/2022  
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 22:03:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120822SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 23 21:59:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 867844   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 645449   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 300753   | 25.000 | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65             | 157844   | 15.778 | ug/L      | -0.01    |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 63.120%   |          |
| 7) Chloroethane-d5            | 2.879  | 69             | 120705   | 18.686 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 74.760%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63             | 286722   | 13.082 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 52.320%   |          |
| 21) 2-Butanone-d5             | 7.074  | 46             | 191212   | 76.132 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 152.260%# |          |
| 24) Chloroform-d              | 7.647  | 84             | 455558   | 20.336 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 81.360%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 257766m  | 22.690 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 90.760%   |          |
| 32) Benzene-d6                | 8.275  | 84             | 966235   | 25.527 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 102.120%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67             | 306030   | 27.786 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 111.160%  |          |
| 41) Toluene-d8                | 10.323 | 98             | 784171   | 22.849 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 91.400%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 111125   | 23.885 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 95.520%   |          |
| 47) 2-Hexanone-d5             | 10.921 | 63             | 151174   | 93.553 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 187.100%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84             | 248779   | 30.588 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 122.360%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152            | 242189   | 23.758 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 95.040%   |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        | Qvalue    |          |
| 13) Acetone                   | 4.123  | 43             | 56745    | 21.979 | ug/L      | 97       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96             | 28391    | 2.316  | ug/L      | 99       |
| 46) Tetrachloroethene         | 10.860 | 164            | 71486    | 9.376  | ug/L      | 96       |
| -----                         |        |                |          |        |           |          |

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

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