

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027701.D  
 Acq On : 16 Dec 2023 18:57  
 Operator : SY/MD  
 Sample : 05818-02  
 Misc : 7.96g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGRG7

Quant Time: Dec 17 00:21:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 00:15:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 377589   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 185110   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 28811    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 159004   | 29.734   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 118.920%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 131270   | 31.528   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 126.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 57818    | 26.997   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 108.000%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 35776    | 39.289   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 78.580%   |
| 24) Chloroform-d              | 7.648  | 84    | 266840   | 29.699   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 118.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 114689   | 27.186   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 108.760%  |
| 32) Benzene-d6                | 8.276  | 84    | 529243   | 48.920   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 195.680%# |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 156466   | 51.050   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 204.200%# |
| 41) Toluene-d8                | 10.318 | 98    | 355635   | 35.431   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 141.720%# |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 30133    | 25.393   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 101.560%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 26706    | 59.792   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 119.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 78080    | 33.687   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 134.760%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 27796    | 26.952   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 107.800%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.911  | 84    | 29231    | 4.937    | ug/L  | 96        |
| 42) Toluene                   | 10.386 | 91    | 4285     | 0.371    | ug/L  | 94        |
| -----                         |        |       |          |          |       |           |

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

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