

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081722\  
 Data File : VW024268.D  
 Acq On : 17 Aug 2022 12:59  
 Operator : SY/VA  
 Sample : N4231-01  
 Misc : 6.10g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0KQ1

Quant Time: Aug 18 01:05:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 18 01:04:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 380249   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 340680   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 135145   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 112895   | 14.204   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.800%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 74135    | 14.973   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 154710   | 17.080   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.320%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 50977    | 34.474   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.940%  |
| 24) Chloroform-d              | 7.641  | 84    | 201471   | 17.511   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 70.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 105536   | 16.522   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 66.080%# |
| 32) Benzene-d6                | 8.268  | 84    | 357195   | 17.778   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.120%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 115064   | 19.396   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.600%  |
| 41) Toluene-d8                | 10.317 | 98    | 320050   | 17.042   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.160%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 42966    | 16.536   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.160%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 35632    | 32.519   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 65.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 92188    | 16.017   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 64.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 92241    | 18.652   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 74.600%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.025  | 96    | 85730    | 18.754   | ug/L   | 92       |
| 13) Acetone                   | 4.123  | 43    | 13541    | 12.438   | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 6.202  | 63    | 25041    | 2.693    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.159  | 96    | 46201    | 7.969    | ug/L # | 90       |
| 34) Trichloroethene           | 9.085  | 95    | 1347813  | 253.427  | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.859 | 164   | 465436   | 108.100  | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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