

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092822\  
 Data File : VW024654.D  
 Acq On : 28 Sep 2022 13:30  
 Operator : SY/VA  
 Sample : N4858-03  
 Misc : 6.36g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGSF6

Quant Time: Sep 29 04:43:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 29 04:41:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 698861   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 531742   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 165724   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 82624    | 11.300   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 45.200%  |
| 7) Chloroethane-d5            | 2.892  | 69    | 60995    | 14.355   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 153634   | 9.078    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 36.320%# |
| 21) 2-Butanone-d5             | 7.086  | 46    | 123506   | 46.981   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.960%  |
| 24) Chloroform-d              | 7.653  | 84    | 300406   | 16.079   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 64.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 160818   | 16.593   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 66.360%# |
| 32) Benzene-d6                | 8.275  | 84    | 555414   | 16.342   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 65.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 191538   | 18.445   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 73.760%  |
| 41) Toluene-d8                | 10.323 | 98    | 433724   | 14.278   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 57.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 74145    | 16.033   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 64.120%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 90673    | 51.034   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 149674   | 20.229   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 87351    | 14.979   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 59.920%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.141  | 43    | 14134    | 7.369    | ug/L   | 97       |
| 16) Methylene chloride        | 4.922  | 84    | 74642    | 5.438    | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106   | 10943    | 0.662    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.939 | 105   | 44355    | 1.889    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 94941    | 4.128    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

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