

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023992.D  
 Acq On : 22 Jul 2022 09:02  
 Operator : SY/VA  
 Sample : N3709-07RE  
 Misc : 7.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B23RE

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2022  
 Supervised By : Mahesh Dadoda 07/24/2022

Quant Time: Jul 22 23:10:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 23:08:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 232038   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 187380   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 63924m   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 119498   | 20.164   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.640%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 83641    | 21.155   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 75819    | 15.711   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.840%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 33578m   | 36.527   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 73.060%  |
| 24) Chloroform-d              | 7.641  | 84    | 104583   | 15.481   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 61.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    | 97043    | 23.487   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.960%  |
| 32) Benzene-d6                | 8.268  | 84    | 276723   | 28.409   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 113.640% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 87435    | 29.800   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 119.200% |
| 41) Toluene-d8                | 10.323 | 98    | 226089   | 22.883   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 91.520%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 10054    | 7.310    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 29.240%# |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 29199    | 47.326   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 94.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 57578    | 17.757   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 71.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 50931    | 22.319   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.280%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.117  | 43    | 22599    | 34.772   | ug/L   | 98       |
| 14) Carbon disulfide          | 4.373  | 76    | 32874    | 4.543    | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 7652     | 7.164    | ug/L   | 94       |
| 33) Benzene                   | 8.323  | 78    | 42583    | 3.999    | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.329  | 83    | 6274     | 1.465    | ug/L   | 95       |
| 42) Toluene                   | 10.384 | 91    | 14583    | 1.201    | ug/L   | 94       |
| 51) Chlorobenzene             | 11.652 | 112   | 728823   | 88.987   | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91    | 9070     | 0.657    | ug/L   | 89       |
| 53) m,p-Xylene                | 11.835 | 106   | 49052    | 9.110    | ug/L   | 96       |
| 54) o-Xylene                  | 12.164 | 106   | 10278    | 1.988    | ug/L   | 92       |
| 60) Isopropylbenzene          | 12.463 | 105   | 349668   | 40.721   | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105   | 16911    | 2.405    | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 109573   | 15.589   | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146   | 2214949  | 534.002  | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146   | 21322    | 5.799    | ug/L # | 74       |
| -----                         |        |       |          |          |        |          |

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

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