

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023901.D  
 Acq On : 19 Jul 2022 22:55  
 Operator : SY/VA  
 Sample : N3743-05  
 Misc : 5.79g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C91

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022  
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 03:01:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 02:42:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 320062     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 293334     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 125950     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 86762      | 10.614   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 42.440%  |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 66797      | 12.249   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 49.000%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 77974      | 11.714   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 46.840%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 67346      | 53.113   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 106.220% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 194654     | 20.889   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 83.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 111900     | 19.634   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 78.520%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 329952     | 21.638   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 112686     | 24.534   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 98.120%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 287112     | 18.563   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 74.240%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 41029      | 19.057   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.240%  |        |          |
| 47) 2-Hexanone-d5             | 10.920         | 63   | 54822      | 56.761   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 113.520% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 124287     | 24.485   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 97.960%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 109644     | 24.386   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 97.560%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.355          | 62   | 61484      | 6.722    | ug/L   | 99       |
| 13) Acetone                   | 4.135          | 43   | 5419       | 6.045    | ug/L   | 72       |
| 16) Methylene chloride        | 4.909          | 84   | 22475m     | 4.491    | ug/L   |          |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 248869     | 54.571   | ug/L # | 92       |
| 34) Trichloroethene           | 9.092          | 95   | 205206     | 46.618   | ug/L   | 97       |
| 42) Toluene                   | 10.384         | 91   | 41157      | 2.165    | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860         | 164  | 374084     | 109.907  | ug/L   | 96       |
| -----                         |                |      |            |          |        |          |

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

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