

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033023\  
 Data File : VW025499.D  
 Acq On : 30 Mar 2023 13:30  
 Operator : SY/MD  
 Sample : 02121-07  
 Misc : 5.38g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C1180

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/31/2023  
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 02:22:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 31 02:21:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 668864     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 515372     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 160796     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369          | 65   | 132437     | 11.909   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 47.640%  |        |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 135422     | 16.923   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.680%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 63   | 278937     | 12.986   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 51.960%  |        |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 154214     | 56.493   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 112.980% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 426325     | 22.110   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.440%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 242911m    | 23.471   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.880%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 868059     | 24.650   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 294199     | 27.005   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 108.040% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 692732     | 22.311   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 89.240%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 89924      | 20.729   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.920%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 88972      | 56.795   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 113.600% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 209871     | 26.295   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 105.200% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854         | 152  | 152659     | 25.530   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 102.120% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 5) Vinyl chloride             | 2.375          | 62   | 844024     | 82.177   | ug/L   | 96       |
| 13) Acetone                   | 4.124          | 43   | 253172     | 96.477   | ug/L   | 99       |
| 16) Methylene chloride        | 4.923          | 84   | 19195      | 2.061    | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.429          | 96   | 320321     | 36.635   | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 7.167          | 96   | 19385077   | 2024.924 | ug/L # | 86       |
| 42) Toluene                   | 10.386         | 91   | 39525      | 1.162    | ug/L   | 99       |
| 53) m,p-Xylene                | 11.837         | 106  | 10695      | 0.747    | ug/L   | 99       |
| 54) o-Xylene                  | 12.166         | 106  | 16691      | 1.239    | ug/L   | 94       |
| -----                         |                |      |            |          |        |          |

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

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