

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082423\  
 Data File : VW026865.D  
 Acq On : 24 Aug 2023 20:53  
 Operator : SY/MD  
 Sample : 04138-18  
 Misc : 5.93g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCHS1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2023  
 Supervised By :Mahesh Dadoda 08/26/2023

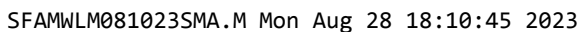
Quant Time: Aug 25 05:21:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 25 05:00:16 2023  
 Response via : Initial Calibration

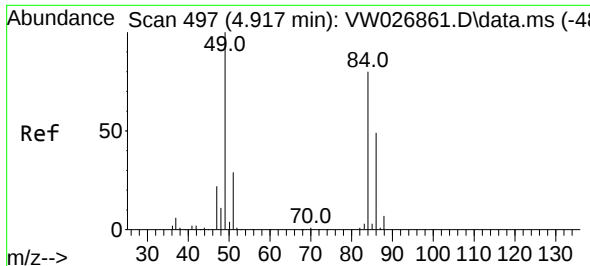
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 392208     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 395624     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 229800     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 66291      | 10.282   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 41.120%  |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 64105      | 13.371   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 53.480%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.033          | 65   | 41577m     | 13.111   | ug/L  | 0.02     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 52.440%  |       |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 75149      | 40.553   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 81.100%  |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 249368     | 18.944   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 75.760%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 159316     | 21.931   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.720%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 430520     | 15.790   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 63.160%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 135203     | 15.919   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 63.680%# |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 386299     | 16.505   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 66.000%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 63470      | 18.100   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 72.400%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 38664      | 43.324   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 86.640%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 135382     | 20.184   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 80.720%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 167917     | 20.415   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 81.680%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 4.929          | 84   | 17984      | 2.370    | ug/L  | 89       |
| 46) Tetrachloroethene         | 10.861         | 164  | 23288      | 4.369    | ug/L  | 96       |
| -----                         |                |      |            |          |       |          |

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

## Manual Integrations

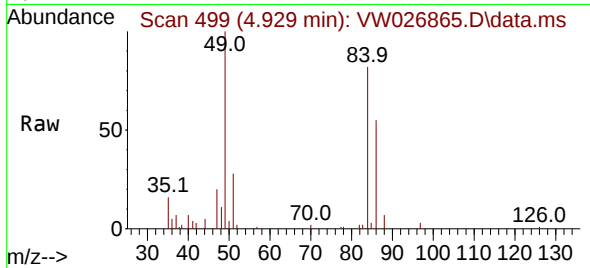
Quant Time: Aug 25 05:21:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 25 05:00:16 2023  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 2.370 ug/L  
RT: 4.929 min Scan# 497  
Delta R.T. 0.012 min  
Lab File: VW026865.D  
Acq: 24 Aug 2023 20:53

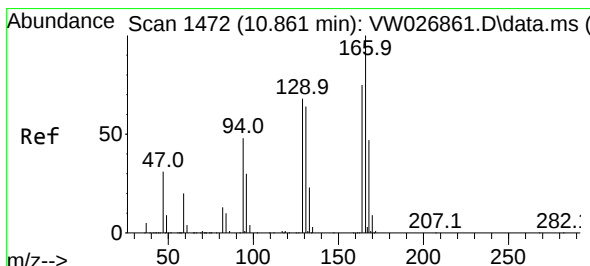
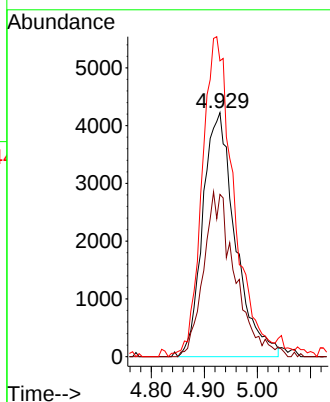
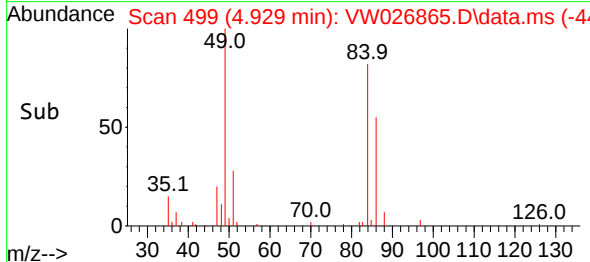
Instrument :  
MSVOA\_W  
ClientSampleId :  
DCHS1



Tgt Ion: 84 Resp: 17984  
Ion Ratio Lower Upper  
84 100  
86 66.5 43.5 80.9  
49 121.2 96.0 178.2

Manual Integrations  
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#46  
Tetrachloroethene  
Concen: 4.369 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW026865.D  
Acq: 24 Aug 2023 20:53

Tgt Ion:164 Resp: 23288  
Ion Ratio Lower Upper  
164 100  
129 101.1 68.1 126.5  
131 93.1 65.5 121.7  
166 135.1 89.1 165.5

