

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052824\  
 Data File : VW028843.D  
 Acq On : 28 May 2024 19:54  
 Operator : SY/MD  
 Sample : P2591-08  
 Misc : 5.63g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH5T1

Quant Time: May 29 01:00:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 29 00:53:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 294454     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 263621     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 102552     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 77278      | 13.821   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 55.280%  |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 71927      | 16.800   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.200%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 35888      | 15.362   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.440%  |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 65418      | 44.844   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.680%  |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 204258     | 22.200   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.800%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 125113     | 23.752   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.000%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 365399     | 20.775   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.080%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 128230     | 24.228   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.920%  |       |          |
| 41) Toluene-d8                | 10.318         | 98   | 294445     | 18.904   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 75.600%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.574         | 79   | 43455      | 20.410   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.640%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 41973      | 45.981   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 91.960%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 120402     | 27.130   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 108.520% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 92546      | 23.677   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.720%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 4.923          | 84   | 27931      | 6.133    | ug/L  | 92       |
| -----                         |                |      |            |          |       |          |

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

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