

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120723\  
 Data File : VD077778.D  
 Acq On : 07 Dec 2023 16:11  
 Operator : JC/SY  
 Sample : VIBLK133  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK133

Quant Time: Dec 08 00:34:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 06 00:24:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 341389     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.587         | 117  | 321759     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 147932     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.281          | 65   | 140167     | 15.056  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 60.240% |       |          |
| 7) Chloroethane-d5            | 2.811          | 69   | 129608     | 17.466  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.880% |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.922          | 65   | 40466      | 16.764  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 67.040% |       |          |
| 21) 2-Butanone-d5             | 6.993          | 46   | 48615      | 41.317  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.640% |       |          |
| 24) Chloroform-d              | 7.569          | 84   | 182409     | 19.825  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 79.280% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 90402      | 19.392  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 77.560% |       |          |
| 32) Benzene-d6                | 8.204          | 84   | 368414     | 19.012  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 76.040% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 112113     | 18.961  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 75.840% |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 340157     | 19.071  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 76.280% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 47777      | 18.273  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 73.080% |       |          |
| 47) 2-Hexanone-d5             | 10.881         | 63   | 40042      | 39.301  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 78.600% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 81428      | 19.058  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 76.240% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 106932     | 20.206  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 80.840% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.810          | 84   | 8274       | 1.365   | ug/L  | 95       |
| 33) Benzene                   | 8.251          | 78   | 20611      | 0.984   | ug/L  | 100      |
| 51) Chlorobenzene             | 11.610         | 112  | 234310     | 16.987  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.457         | 146  | 11105      | 1.163   | ug/L  | 84       |
| 65) 1,4-Dichlorobenzene       | 13.539         | 146  | 126504     | 12.767  | ug/L  | 96       |
| 67) 1,2-Dichlorobenzene       | 13.834         | 146  | 9987       | 1.162   | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.104         | 180  | 66380      | 12.025  | ug/L  | 97       |
| 72) 1,2,3-Trichlorobenzene    | 15.528         | 180  | 29057      | 6.005   | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

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

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