

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120623\  
 Data File : VD077757.D  
 Acq On : 06 Dec 2023 10:45  
 Operator : JC/SY  
 Sample : VD1206SBL02  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK179

Quant Time: Dec 07 00:32:12 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  | 298619     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.587         | 117  | 278317     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 123283     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.281          | 65   | 120166     | 14.756  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 59.040% |       |          |
| 7) Chloroethane-d5            | 2.811          | 69   | 110073     | 16.958  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.840% |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.928          | 65   | 34588      | 16.381  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 65.520% |       |          |
| 21) 2-Butanone-d5             | 6.993          | 46   | 40754      | 39.597  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.200% |       |          |
| 24) Chloroform-d              | 7.575          | 84   | 155462     | 19.316  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 77.280% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 81872      | 20.078  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 80.320% |       |          |
| 32) Benzene-d6                | 8.205          | 84   | 323373     | 19.292  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 77.160% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.216          | 67   | 100831     | 19.715  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 78.880% |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 296224     | 19.200  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 76.800% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 41947      | 18.547  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 74.200% |       |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 35156      | 39.891  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.780% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 75488      | 20.425  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.720% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 93030      | 21.093  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 84.360% |       |          |

Target Compounds Qvalue

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

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