

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062824\  
 Data File : VV036339.D  
 Acq On : 28 Jun 2024 09:40  
 Operator : SY/MD  
 Sample : VV0628SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK336

Quant Time: Jun 28 23:33:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 28 23:33:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 312723              | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 315961              | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 132636              | 25.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 140170              | 26.392 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 105.560% |        |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 120974              | 28.518 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 114.080% |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 65152               | 26.095 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 104.400% |        |       |          |
| 21) 2-Butanone-d5             | 3.844          | 46   | 34342               | 27.861 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 55.720%  |        |       |          |
| 24) Chloroform-d              | 4.240          | 84   | 254138              | 27.531 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 110.120% |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.934          | 65   | 135728              | 27.572 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 110.280% |        |       |          |
| 32) Benzene-d6                | 4.950          | 84   | 490603              | 27.506 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 110.040% |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 152571              | 28.439 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 113.760% |        |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 407579              | 25.345 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 101.360% |        |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 56321               | 23.509 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 94.040%  |        |       |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 29397               | 34.327 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 68.660%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 110035              | 25.021 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 100.080% |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 140556              | 29.080 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 116.320% |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       | Qvalue   |
| 16) Methylene chloride        | 2.439          | 84   | 22250               | 3.614  | ug/L  | 99       |
| -----                         |                |      |                     |        |       |          |

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

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