

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072724\  
 Data File : VV036728.D  
 Acq On : 26 Jul 2024 13:48  
 Operator : SY/MD  
 Sample : P3328-23  
 Misc : 8.65g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E20N2

Quant Time: Jul 27 04:16:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 04:14:21 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 555428   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 553972   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 248165   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 68941    | 11.333   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 45.320%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 78803    | 14.342   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 57.360%  |
| 11) 1,1-Dichloroethene-d2     | 2.047  | 65    | 32331    | 10.051   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 40.200%# |
| 21) 2-Butanone-d5             | 3.844  | 46    | 54570    | 38.438   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 76.880%  |
| 24) Chloroform-d              | 4.243  | 84    | 271212   | 18.463   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 73.840%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 144088   | 19.882   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 79.520%  |
| 32) Benzene-d6                | 4.953  | 84    | 385100   | 14.668   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 58.680%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 144881   | 19.367   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 77.480%  |
| 41) Toluene-d8                | 7.239  | 98    | 298858   | 11.928   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 47.720%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 58184    | 17.496   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 70.000%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 44045    | 44.240   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 88.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 165008   | 25.307   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 101.240% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 204602   | 23.618   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 94.480%  |

Target Compounds Qvalue

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

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