

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052924\  
 Data File : VV035865.D  
 Acq On : 29 May 2024 16:04  
 Operator : SY/MD  
 Sample : P2568-20  
 Misc : 6.45g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH641

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024  
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 30 01:19:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 30 01:13:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 409994   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 419534   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 184556   | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 186629   | 29.451   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 117.800%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 153168   | 29.961   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 119.840%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 83189    | 29.653   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 118.600%# |
| 21) 2-Butanone-d5             | 3.838  | 46    | 87307m   | 48.548   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 97.100%   |
| 24) Chloroform-d              | 4.243  | 84    | 328002   | 26.910   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 107.640%  |
| 26) 1,2-Dichloroethane-d4     | 4.940  | 65    | 181070   | 30.049   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 120.200%  |
| 32) Benzene-d6                | 4.957  | 84    | 643486   | 28.020   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 112.080%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 209181   | 29.515   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 118.080%  |
| 41) Toluene-d8                | 7.239  | 98    | 530871   | 25.973   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 103.880%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 78990    | 26.061   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 104.240%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 49149    | 38.567   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 77.140%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 157025   | 22.993   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 91.960%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 196051   | 30.609   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 122.440%# |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 2.442  | 84    | 42753    | 4.522    | ug/L  | 96        |
| -----                         |        |       |          |          |       |           |

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

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