

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV053024\  
 Data File : VV035903.D  
 Acq On : 30 May 2024 18:17  
 Operator : SY/MD  
 Sample : P2659-02  
 Misc : 4.92g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHC25

Quant Time: May 31 00:54:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 31 00:49:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 588617   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 571486   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 220047   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 138898   | 12.835   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 51.360%   |
| 7) Chloroethane-d5            | 1.526  | 69    | 120585   | 13.975   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 55.880%   |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 60241    | 12.504   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 50.000%   |
| 21) 2-Butanone-d5             | 3.847  | 46    | 61831    | 24.903   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 49.800%   |
| 24) Chloroform-d              | 4.243  | 84    | 273243   | 14.601   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 58.400%   |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 159575   | 16.264   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 65.040%#  |
| 32) Benzene-d6                | 4.957  | 84    | 497899   | 14.657   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 58.640%   |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 176520   | 16.501   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 66.000%#  |
| 41) Toluene-d8                | 7.239  | 98    | 394071   | 13.147   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 52.600%   |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 61319    | 13.980   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 55.920%   |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 42921    | 29.613   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 59.220%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 153899   | 19.252   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 77.000%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 139559   | 17.295   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 69.160%#  |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 2.442  | 84    | 36235    | 2.721    | ug/L  | Qvalue 94 |
| -----                         |        |       |          |          |       |           |

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

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