

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071224\  
 Data File : VV036506.D  
 Acq On : 12 Jul 2024 14:40  
 Operator : SY/MD  
 Sample : P3215-06  
 Misc : 5.19g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4C09

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024  
 Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:09:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 13 04:06:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 414188     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 321865     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 73775      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 141967     | 23.924   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 95.680%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 122020     | 23.519   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 94.080%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 63142      | 20.722   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 82.880%  |       |          |
| 21) 2-Butanone-d5             | 3.857          | 46   | 27237m     | 26.818   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 53.640%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 231204     | 19.177   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 76.720%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 122081     | 20.416   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 81.680%  |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 414983     | 25.844   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 103.360% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 126686     | 26.473   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 105.880% |       |          |
| 41) Toluene-d8                | 7.239          | 98   | 285304     | 19.257   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 77.040%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 37998      | 19.098   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.400%  |       |          |
| 47) 2-Hexanone-d5             | 8.037          | 63   | 12952      | 24.369   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 48.740%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 76448      | 18.968   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 75.880%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 41054      | 16.398   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 65.600%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 26262      | 3.084    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

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