

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071624\  
 Data File : VW036573.D  
 Acq On : 16 Jul 2024 17:35  
 Operator : SY/MD  
 Sample : P3238-15  
 Misc : 5.29g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BZ5

Quant Time: Jul 17 02:29:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 17 02:15:19 2024  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 5.532  | 114      | 208612   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 8.786  | 117      | 123512   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.188 | 152      | 21477    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 1.269  | 65       | 92530    | 30.959 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 123.840%  |          |
| 7) Chloroethane-d5            |        | 1.526  | 69       | 88723    | 33.954 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 135.800%  |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.047  | 65       | 38490    | 25.079 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 100.320%  |          |
| 21) 2-Butanone-d5             |        | 0.000  | 46       | 0d       | 0.000  | ug/L      |          |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 0.000%#   |          |
| 24) Chloroform-d              |        | 4.243  | 84       | 155816   | 25.660 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 102.640%  |          |
| 26) 1,2-Dichloroethane-d4     |        | 4.940  | 65       | 93217    | 30.951 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 123.800%  |          |
| 32) Benzene-d6                |        | 4.953  | 84       | 264692   | 42.957 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 171.840%# |          |
| 36) 1,2-Dichloropropane-d6    |        | 5.985  | 67       | 87886    | 47.858 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 191.440%# |          |
| 41) Toluene-d8                |        | 7.243  | 98       | 145664   | 25.621 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 102.480%  |          |
| 43) trans-1,3-Dichloroprop... |        | 7.567  | 79       | 6891     | 9.025  | ug/L      | 0.02     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 36.120%   |          |
| 47) 2-Hexanone-d5             |        | 8.059  | 63       | 667      | 3.270  | ug/L      | 0.03     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 6.540%#   |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.153 | 84       | 52324    | 33.831 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 135.320%# |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.564 | 152      | 18640    | 25.575 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 102.280%  |          |
| Target Compounds              |        |        |          |          |        |           | Qvalue   |
| 16) Methylene chloride        |        | 2.439  | 84       | 36277    | 8.458  | ug/L      | 96       |
| -----                         |        |        |          |          |        |           |          |

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

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