

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092524\  
 Data File : VD079897.D  
 Acq On : 25 Sep 2024 18:22  
 Operator : RP/MD  
 Sample : P4162-01  
 Misc : 4.90G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4ER7

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2024  
 Supervised By :Semsettin Yesilyurt 09/26/2024

Quant Time: Sep 26 01:58:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM091024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 26 01:54:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 29851    | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 24691    | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.510 | 152   | 5371     | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 11986    | 9.234    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 36.920%   |
| 7) Chloroethane-d5            | 2.805  | 69    | 18006    | 17.521   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 70.080%   |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 2511m    | 10.655   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 42.600%#  |
| 21) 2-Butanone-d5             | 6.993  | 46    | 6547     | 54.286   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 108.580%  |
| 24) Chloroform-d              | 7.569  | 84    | 22879    | 23.316   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 93.280%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 18907    | 36.848   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 147.400%# |
| 32) Benzene-d6                | 8.204  | 84    | 36573    | 20.981   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 83.920%   |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 15840    | 29.669   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 118.680%  |
| 41) Toluene-d8                | 10.269 | 98    | 24882    | 16.221   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 64.880%   |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 3295     | 14.355   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 57.440%   |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 3794     | 43.595   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 87.180%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 12973    | 33.068   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 132.280%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 3719     | 18.361   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 73.440%#  |

Target Compounds Qvalue

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

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