

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121024\  
 Data File : VW031183.D  
 Acq On : 10 Dec 2024 11:52  
 Operator : SY/MD  
 Sample : P5153-13  
 Misc : 6.23g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Q0

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024  
 Supervised By :Semsettin Yesilyurt 12/11/2024

Quant Time: Dec 11 00:28:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 11 00:26:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                         |        |       |          |          |             |          |
| Internal Standards            |        |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 36403    | 25.000   | ug/L        | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 15006    | 25.000   | ug/L        | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.562 | 152   | 1960     | 25.000   | ug/L        | 0.01     |
|                               |        |       |          |          |             |          |
| System Monitoring Compounds   |        |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.350  | 65    | 30276    | 54.044   | ug/L        | -0.01    |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 216.160%# |          |
| 7) Chloroethane-d5            | 2.893  | 69    | 17973    | 41.352   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 165.400%# |          |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 12439m   | 48.668   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | = 194.680%# |          |
| 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              | 7.648  | 84    | 19093    | 17.908   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | = 71.640%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 5233m    | 9.974    | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | = 39.880%#  |          |
| 32) Benzene-d6                | 8.270  | 84    | 36226    | 39.278   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | = 157.120%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 7881     | 29.171   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | = 116.680%  |          |
| 41) Toluene-d8                | 10.319 | 98    | 25251    | 30.338   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | = 121.360%  |          |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 1119     | 10.288   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | = 41.160%   |          |
| 47) 2-Hexanone-d5             | 0.000  | 63    | 0d       | 0.000    | ug/L        |          |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 0.000%#   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 1771     | 9.713    | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | = 38.840%#  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 1252     | 17.984   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | = 71.920%#  |          |

Target Compounds Qvalue

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

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