

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122324\  
 Data File : VW031512.D  
 Acq On : 23 Dec 2024 17:10  
 Operator : SY/MD  
 Sample : P5322-20  
 Misc : 5.82g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE643

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2024  
 Supervised By : Mahesh Dadoda 12/25/2024

Quant Time: Dec 24 00:18:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 24 00:12:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 851340     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 745961     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 355623     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.356          | 65   | 215699     | 16.839  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.360% |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 177430     | 18.725  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 74.920% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 99741      | 16.415  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 65.680% |       |          |
| 21) 2-Butanone-d5             | 7.100          | 46   | 113002     | 46.844  | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 93.680% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 414866     | 17.786  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 71.160% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 242609     | 20.710  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 82.840% |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 851272     | 17.805  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 71.200% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 260848     | 18.719  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 74.880% |       |          |
| 41) Toluene-d8                | 10.318         | 98   | 789412     | 17.748  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 71.000% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 101636     | 15.818  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 63.280% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 89784      | 47.912  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 95.820% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 197120     | 22.530  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 90.120% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 256389     | 19.420  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 77.680% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 13) Acetone                   | 4.185          | 43   | 15445m     | 4.597   | ug/L  | Qvalue   |
| 42) Toluene                   | 10.386         | 91   | 21024      | 0.419   | ug/L  | 100      |
| 52) Ethylbenzene              | 11.727         | 91   | 188744     | 3.245   | ug/L  | 99       |
| 53) m,p-Xylene                | 11.836         | 106  | 210206     | 9.493   | ug/L  | 100      |
| 54) o-Xylene                  | 12.160         | 106  | 124538     | 5.967   | ug/L  | 92       |
| 62) 1,3,5-Trimethylbenzene    | 12.934         | 105  | 207189     | 4.199   | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.245         | 105  | 1056414    | 22.153  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867         | 146  | 109062     | 5.368   | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

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

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