

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027656.D  
 Acq On : 15 Dec 2023 23:54  
 Operator : SY/MD  
 Sample : 05834-13  
 Misc : 5.87g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGR26

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/17/2023  
 Supervised By :Semsettin Yesilyurt 12/17/2023

Quant Time: Dec 16 01:42:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 16 00:05:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 577329              | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 467816              | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 173019              | 25.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 206526              | 25.259 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 101.040% |        |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 169857              | 26.682 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 106.720% |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 79161               | 24.174 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 96.680%  |        |       |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 40939               | 29.404 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 58.800%  |        |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 351872              | 25.614 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 102.440% |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 169395              | 26.262 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 105.040% |        |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 786090              | 28.752 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 115.000% |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 226724              | 29.270 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 117.080% |        |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 629994              | 24.835 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 99.360%  |        |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 72604               | 24.210 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 96.840%  |        |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 39021               | 34.569 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 69.140%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 137371              | 23.451 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 93.800%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 142952              | 23.082 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 92.320%  |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       | Qvalue   |
| 15) Methyl Acetate            | 4.698          | 43   | 2612m               | 1.144  | ug/L  |          |
| 25) Chloroform                | 7.673          | 83   | 4238                | 0.338  | ug/L  | 82       |
| 46) Tetrachloroethene         | 10.861         | 164  | 351025              | 59.468 | ug/L  | 89       |
| -----                         |                |      |                     |        |       |          |

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

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