

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027653.D  
 Acq On : 15 Dec 2023 22:43  
 Operator : SY/MD  
 Sample : 05834-10  
 Misc : 5.40g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGR22

Quant Time: Dec 16 01:41:35 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      | 516660   | 25.000      | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.629 | 117      | 467997   | 25.000      | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.556 | 152      | 207589   | 25.000      | ug/L  | 0.00     |
| System Monitoring Compounds   |        |        |          |          |             |       |          |
| 4) Vinyl Chloride-d3          |        | 2.363  | 65       | 236801   | 32.363      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 129.440%  |       |          |
| 7) Chloroethane-d5            |        | 2.899  | 69       | 192245   | 33.744      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | = 134.960%  |       |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.021  | 65       | 89771    | 30.634      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | = 122.520%# |       |          |
| 21) 2-Butanone-d5             |        | 7.081  | 46       | 65966    | 52.943      | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 105.880%  |       |          |
| 24) Chloroform-d              |        | 7.648  | 84       | 397971   | 32.371      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | = 129.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.307  | 65       | 186350   | 32.283      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | = 129.120%  |       |          |
| 32) Benzene-d6                |        | 8.276  | 84       | 866039   | 31.663      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | = 126.640%  |       |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.270  | 67       | 254166   | 32.800      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | = 131.200%# |       |          |
| 41) Toluene-d8                |        | 10.325 | 98       | 747907   | 29.472      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | = 117.880%  |       |          |
| 43) trans-1,3-Dichloroprop... |        | 10.575 | 79       | 88227    | 29.408      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | = 117.640%  |       |          |
| 47) 2-Hexanone-d5             |        | 10.922 | 63       | 59055    | 52.297      | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | = 104.600%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.690 | 84       | 167802   | 28.635      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | = 114.560%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.849 | 152      | 221872   | 29.858      | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | = 119.440%  |       |          |
| Target Compounds              |        |        |          |          |             |       |          |
| 20) cis-1,2-Dichloroethene    |        | 7.173  | 96       | 11017    | 1.564       | ug/L  | 95       |
| 46) Tetrachloroethene         |        | 10.861 | 164      | 14610    | 2.474       | ug/L  | 88       |
| -----                         |        |        |          |          |             |       |          |

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

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