

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122624\  
 Data File : VW031528.D  
 Acq On : 26 Dec 2024 15:00  
 Operator : SY/MD  
 Sample : P5322-19  
 Misc : 6.16g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE642

Quant Time: Dec 27 00:25:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 27 00:21:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 786472   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 713187   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 346598   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 216381   | 18.286   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.160%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 183246   | 20.934   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 98294    | 17.511   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 70.040%  |
| 21) 2-Butanone-d5             | 7.094  | 46    | 87928    | 39.456   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.920%  |
| 24) Chloroform-d              | 7.648  | 84    | 413866   | 19.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 225085   | 20.799   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.200%  |
| 32) Benzene-d6                | 8.270  | 84    | 840554   | 18.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 73.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 254573   | 19.109   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 76.440%  |
| 41) Toluene-d8                | 10.319 | 98    | 783914   | 18.434   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.720%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 96879    | 15.771   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 63.080%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 69056    | 38.544   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 77.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 176327   | 21.080   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 84.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 260170   | 20.220   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.880%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.173  | 43    | 13258    | 4.272    | ug/L # | 100      |
| 52) Ethylbenzene              | 11.727 | 91    | 26476    | 0.476    | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146   | 44683    | 1.944    | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146   | 202446   | 8.891    | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146   | 46277    | 2.337    | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180   | 78719    | 5.880    | ug/L # | 92       |
| -----                         |        |       |          |          |        |          |

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

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