

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072721\  
 Data File : VW019629.D  
 Acq On : 27 Jul 2021 17:59  
 Operator : SY/VA  
 Sample : M3163-10  
 Misc : 4.75g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGEY8

Manual Integrations  
 APPROVED

MMDadoda  
 7/28/2021 11:33:36 AM

Quant Time: Jul 28 00:52:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 28 00:48:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114            | 421206   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 332811   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 104068   | 25.000 | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65             | 134597   | 22.553 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 90.200%  |          |
| 7) Chloroethane-d5            | 2.897  | 69             | 102732   | 24.139 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 96.560%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63             | 191732   | 16.650 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 66.600%  |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 71496    | 41.276 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 82.560%  |          |
| 24) Chloroform-d              | 7.653  | 84             | 258644   | 22.223 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 88.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65             | 146874m  | 22.997 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 92.000%  |          |
| 32) Benzene-d6                | 8.281  | 84             | 537695   | 27.141 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 108.560% |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 163326   | 26.451 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 105.800% |          |
| 41) Toluene-d8                | 10.323 | 98             | 445346   | 24.933 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 99.720%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 51610    | 19.517 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 78.080%  |          |
| 47) 2-Hexanone-d5             | 10.926 | 63             | 53976    | 47.117 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 94.240%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84             | 105159   | 21.077 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 84.320%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 80723    | 21.985 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 87.920%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 13) Acetone                   | 4.123  | 43             | 31722    | 24.854 | ug/L     | 89       |
| 22) 2-Butanone                | 7.177  | 43             | 6948     | 3.518  | ug/L #   | 70       |
| 42) Toluene                   | 10.390 | 91             | 8449     | 0.389  | ug/L     | 100      |
| -----                         |        |                |          |        |          |          |

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

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