

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD063023\  
 Data File : VD076658.D  
 Acq On : 30 Jun 2023 13:15  
 Operator : KP/SY  
 Sample : 03472-13  
 Misc : 4.43G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46S5

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/03/2023  
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:30:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 383377     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 319468     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 129248     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 105370     | 11.286   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 45.160%  |        |          |
| 7) Chloroethane-d5            | 2.793          | 69   | 107038     | 14.179   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 56.720%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 35766      | 14.676   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.720%  |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 73654      | 52.090   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 104.180% |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 191518     | 18.961   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 75.840%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 105254m    | 21.123   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 84.480%  |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 344838     | 17.646   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 70.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 125878     | 20.180   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 80.720%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 308352     | 17.041   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 68.160%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 48894      | 18.845   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.360%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 54150      | 55.923   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 111.840% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 106590     | 24.018   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 96.080%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 92809      | 19.590   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.360%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 5) Vinyl chloride             | 2.281          | 62   | 58723      | 5.481    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.958          | 101  | 211920     | 42.176   | ug/L   | 98       |
| 14) Carbon disulfide          | 4.263          | 76   | 13322      | 0.739    | ug/L   | 97       |
| 16) Methylene chloride        | 4.799          | 84   | 7568       | 1.136    | ug/L   | 76       |
| 17) trans-1,2-Dichloroethene  | 5.305          | 96   | 4354       | 0.785    | ug/L   | 85       |
| 19) 1,1-Dichloroethane        | 6.110          | 63   | 82835      | 8.168    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.081          | 96   | 587688     | 94.863   | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.328          | 62   | 9567       | 1.572    | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 7.793          | 97   | 434499     | 58.545   | ug/L   | 99       |
| 34) Trichloroethene           | 9.028          | 95   | 33714      | 6.207    | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.810         | 164  | 270523     | 63.355   | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 13.534         | 146  | 5132       | 0.579    | ug/L # | 69       |
| 67) 1,2-Dichlorobenzene       | 13.834         | 146  | 266191     | 33.974   | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.098         | 180  | 5957       | 1.141    | ug/L # | 93       |
| -----                         |                |      |            |          |        |          |

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

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