

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092223\  
 Data File : VD077196.D  
 Acq On : 22 Sep 2023 12:24  
 Operator : JC/SY  
 Sample : 04527-01  
 Misc : 5.22G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EZYG8

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023  
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:42:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 22 23:41:10 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 287521     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 305876     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 164344     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.275          | 65   | 121213     | 17.109  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.440% |        |          |
| 7) Chloroethane-d5            | 2.805          | 69   | 107142     | 18.390  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.560% |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 30263      | 18.805  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 75.200% |        |          |
| 21) 2-Butanone-d5             | 6.981          | 46   | 36185      | 40.543  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 81.080% |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 165210     | 20.999  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.000% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 83499      | 22.392  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 89.560% |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 326710     | 19.339  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 77.360% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 103746     | 21.414  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.640% |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 281379     | 18.195  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 72.760% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 38384      | 17.388  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 69.560% |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 27442      | 35.464  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 70.920% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 87996      | 20.374  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.480% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 105166     | 19.937  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 79.760% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.028          | 43   | 6957m      | 5.434   | ug/L   |          |
| 14) Carbon disulfide          | 4.269          | 76   | 222219     | 17.780  | ug/L   | 100      |
| 16) Methylene chloride        | 4.805          | 84   | 8479       | 1.449   | ug/L   | 94       |
| 46) Tetrachloroethene         | 10.810         | 164  | 5136       | 1.289   | ug/L   | 82       |
| 52) Ethylbenzene              | 11.687         | 91   | 18345      | 0.852   | ug/L   | 93       |
| 53) m,p-Xylene                | 11.793         | 106  | 32535      | 3.912   | ug/L   | 90       |
| 54) o-Xylene                  | 12.122         | 106  | 12775      | 1.591   | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.210         | 105  | 8890       | 0.554   | ug/L   | 96       |
| -----                         |                |      |            |         |        |          |

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

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