

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082724\  
 Data File : VV037097.D  
 Acq On : 27 Aug 2024 19:40  
 Operator : SY/MD  
 Sample : P3692-16  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1K65

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/28/2024  
 Supervised By :Semsettin Yesilyurt 08/28/2024

Quant Time: Aug 28 06:12:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 28 05:52:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 694311     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 667572     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182         | 152  | 323410     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 265555     | 41.811   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.620%  |       |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 179048     | 36.476   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 72.960%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.057          | 65   | 101397     | 37.984   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.960%  |       |          |
| 21) 2-Butanone-d5             | 3.835          | 46   | 220131m    | 89.501   | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 89.500%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 422262     | 42.480   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.960%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 287568     | 45.938   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.880%  |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 844291     | 41.873   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.740%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 269566     | 42.684   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.360%  |       |          |
| 41) Toluene-d8                | 7.240          | 98   | 768021     | 42.205   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 84.400%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 121553     | 41.602   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.200%  |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 191923     | 111.351  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 111.350% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 366932     | 47.906   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.820%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.555         | 152  | 289676     | 44.722   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.440%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 5) Vinyl chloride             | 1.282          | 62   | 7700007    | 1243.064 | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.066          | 96   | 347473     | 76.709   | ug/L  | 89       |
| 17) trans-1,2-Dichloroethene  | 2.687          | 96   | 372972     | 79.315   | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 3.786          | 96   | 38651899m  | 7438.489 | ug/L  |          |
| 34) Trichloroethene           | 5.822          | 95   | 33483231m  | 6584.680 | ug/L  |          |
| 42) Toluene                   | 7.323          | 91   | 42493      | 2.118    | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.201         | 180  | 8815       | 1.390    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

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