

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102524\  
 Data File : VX043522.D  
 Acq On : 25 Oct 2024 14:52  
 Operator : JC/MD  
 Sample : P4436-20  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A4FF0

Quant Time: Oct 26 01:36:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML102524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 26 01:33:53 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024  
 Supervised By :Semsettin Yesilyurt 10/28/2024

| Compound                      | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                         |                |      |                     |        |       |          |
| Internal Standards            |                |      |                     |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.751          | 114  | 221113              | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 204927              | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 98112               | 50.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 1.502          | 65   | 61056               | 50.760 | ug/L  | 0.13     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 101.520% |        |       |          |
| 7) Chloroethane-d5            | 1.867          | 69   | 22332m              | 23.184 | ug/L  | 0.20     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 46.360%# |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.227          | 65   | 11300               | 19.894 | ug/L  | -0.08    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 39.780%# |        |       |          |
| 21) 2-Butanone-d5             | 4.586          | 46   | 90297m              | 90.123 | ug/L  | 0.13     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 90.120%  |        |       |          |
| 24) Chloroform-d              | 5.068          | 84   | 125183m             | 44.998 | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 90.000%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 92977               | 49.741 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 99.480%  |        |       |          |
| 32) Benzene-d6                | 5.946          | 84   | 285079              | 54.801 | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 109.600% |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 85937               | 53.069 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 106.140% |        |       |          |
| 41) Toluene-d8                | 8.641          | 98   | 266863              | 56.033 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 112.060% |        |       |          |
| 43) trans-1,3-Dichloroprop... | 8.958          | 79   | 33046               | 38.789 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 77.580%  |        |       |          |
| 47) 2-Hexanone-d5             | 9.409          | 63   | 57254m              | 71.287 | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 71.290%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201         | 84   | 92699               | 38.453 | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 76.900%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 92993               | 52.220 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 104.440% |        |       |          |

Target Compounds Qvalue

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

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