

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
 Data File : VX040654.D  
 Acq On : 15 Mar 2024 15:15  
 Operator : JC/MD  
 Sample : P1753-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCKW8

Quant Time: Mar 16 02:53:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 01:57:16 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2024  
 Supervised By : Semsettin Yesilyurt 03/19/2024

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 148238     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 138886     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 68070      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 47754      | 36.750  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 73.500% |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 43606      | 42.033  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.060% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.307          | 65   | 22414      | 37.471  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.940% |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 93790      | 94.058  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 94.060% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 110108     | 45.628  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.260% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 82855      | 45.988  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.980% |        |          |
| 32) Benzene-d6                | 5.977          | 84   | 190303     | 44.662  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.320% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 60995      | 46.188  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.380% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 169981     | 41.395  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.780% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 29861      | 42.485  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.980% |        |          |
| 47) 2-Hexanone-d5             | 9.385          | 63   | 69986      | 96.047  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 96.050% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 95501      | 48.301  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 96.600% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 67803      | 47.558  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.120% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 5) Vinyl chloride             | 1.374          | 62   | 2348       | 1.887   | ug/L # | 70       |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 15757      | 17.438  | ug/L # | 37       |
| 13) Acetone                   | 2.374          | 43   | 111797     | 157.003 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.605          | 63   | 8819       | 4.893   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.483          | 96   | 3927       | 3.775   | ug/L   | 92       |
| 22) 2-Butanone                | 4.568          | 43   | 3781m      | 4.010   | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 5.385          | 97   | 2411m      | 1.394   | ug/L   |          |
| -----                         |                |      |            |         |        |          |

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

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