

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100121\  
 Data File : VW022493.D  
 Acq On : 02 Oct 2021 03:39  
 Operator : SY/MD  
 Sample : M4023-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AH6

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2021 2:24:41 PM

Quant Time: Oct 02 05:40:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 02 01:27:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|--------|----------|
| -----                         |                |      |                      |           |        |          |
| Internal Standards            |                |      |                      |           |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 251815               | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 250172               | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 127905               | 50.000    | ug/L   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 256048               | 164.410   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 328.820%# |           |        |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 57718                | 47.148    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 94.300%   |           |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.114          | 63   | 1345373              | 438.119   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 876.240%# |           |        |          |
| 21) 2-Butanone-d5             | 3.918          | 46   | 83334                | 97.210    | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 97.210%   |           |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 125119               | 43.973    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 87.940%   |           |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 75088                | 45.492    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 90.980%   |           |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 251821               | 43.450    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 86.900%   |           |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 78725                | 44.124    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 88.240%   |           |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 231667               | 43.577    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 87.160%   |           |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 35853                | 42.472    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 84.940%   |           |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 67126                | 90.820    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 90.820%   |           |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 108157               | 43.594    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 87.180%   |           |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 94028                | 45.080    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 90.160%   |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        | Qvalue   |
| 5) Vinyl chloride             | 1.297          | 62   | 15786966m            | 6650.608  | ug/L   |          |
| 12) 1,1-Dichloroethene        | 2.117          | 96   | 2311480              | 1314.076  | ug/L # | 72       |
| 13) Acetone                   | 2.182          | 43   | 35518m               | 32.799    | ug/L   |          |
| 14) Carbon disulfide          | 2.297          | 76   | 4124                 | 0.776     | ug/L   | 100      |
| 15) Methyl Acetate            | 2.439          | 43   | 3844                 | 1.946     | ug/L # | 82       |
| 16) Methylene chloride        | 2.506          | 84   | 47279                | 21.393    | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 2.760          | 96   | 205869               | 106.616   | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.188          | 63   | 3633515              | 1063.476  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.912          | 96   | 25905956m            | 12593.322 | ug/L   |          |
| 27) 1,2-Dichloroethane        | 5.133          | 62   | 66516                | 26.718    | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 4.612          | 97   | 5086718              | 1627.687  | ug/L   | 99       |
| 33) Benzene                   | 5.104          | 78   | 20872                | 2.702     | ug/L   | 100      |
| 34) Trichloroethene           | 5.915          | 95   | 2220578              | 1101.008  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.233          | 43   | 10533                | 3.790     | ug/L # | 87       |
| 42) Toluene                   | 7.387          | 91   | 416845               | 51.229    | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.841          | 97   | 42331                | 20.677    | ug/L   | 97       |
| 52) Ethylbenzene              | 9.014          | 91   | 1119277              | 132.168   | ug/L   | 100      |
| 53) m,p-Xylene                | 9.140          | 106  | 1895740              | 565.011   | ug/L   | 100      |
| 54) o-Xylene                  | 9.545          | 106  | 865291               | 264.703   | ug/L   | 98       |

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 Quant Title : VOC Analysis  
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 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 60) Isopropylbenzene       | 9.934  | 105  | 31289    | 3.845 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane | 10.278 | 75   | 4471     | 1.838 | ug/L  | 93       |
| 62) 1,3,5-Trimethylbenzene | 10.541 | 105  | 7863     | 1.148 | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene | 10.918 | 105  | 15877    | 2.331 | ug/L  | 96       |

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

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