

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072922\  
 Data File : VW027124.D  
 Acq On : 30 Jul 2022 08:00  
 Operator : SY/MD  
 Sample : N3956-06MSD  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXF03MSD

Quant Time: Jul 30 08:26:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 30 01:28:32 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 633056   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 606616   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 332329   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 219077   | 36.375   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 72.760%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 193163   | 40.479   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 80.960%  |
| 11) 1,1-Dichloroethene-d2     | 2.104   | 63    | 413776   | 40.355   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 80.720%  |
| 21) 2-Butanone-d5             | 3.886   | 46    | 276531   | 80.523   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 80.520%  |
| 24) Chloroform-d              | 4.342   | 84    | 481949   | 44.431   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 88.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 274810   | 44.629   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 89.260%  |
| 32) Benzene-d6                | 5.046   | 84    | 977633   | 45.894   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 91.780%  |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 304773   | 46.745   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 93.480%  |
| 41) Toluene-d8                | 7.313   | 98    | 869695   | 45.169   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 90.340%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 128686   | 44.681   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 89.360%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 316839   | 113.041  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 113.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213  | 84    | 464025   | 47.203   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 94.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 341930   | 45.770   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 91.540%  |
| Target Compounds              |         |       |          |          |       |          |
|                               |         |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127   | 85    | 291226   | 44.326   | ug/L  | 99       |
| 3) Chloromethane              | 1.236   | 50    | 270362   | 45.003   | ug/L  | 100      |
| 5) Vinyl chloride             | 1.307   | 62    | 293424   | 46.045   | ug/L  | 100      |
| 6) Bromomethane               | 1.519   | 94    | 139811   | 35.725   | ug/L  | 96       |
| 8) Chloroethane               | 1.580   | 64    | 180855   | 48.337   | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.748   | 101   | 377012   | 46.115   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111   | 101   | 208484   | 44.175   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.114   | 96    | 212888   | 46.168   | ug/L  | 91       |
| 13) Acetone                   | 2.178   | 43    | 210326m  | 82.689   | ug/L  |          |
| 14) Carbon disulfide          | 2.288   | 76    | 692543   | 47.339   | ug/L  | 100      |
| 15) Methyl Acetate            | 2.429   | 43    | 154601   | 36.574   | ug/L  | 98       |
| 16) Methylene chloride        | 2.500   | 84    | 263576   | 44.843   | ug/L  | 99       |
| 17) trans-1,2-Dichloroethene  | 2.754   | 96    | 246003   | 48.729   | ug/L  | 99       |
| 18) Methyl tert-butyl Ether   | 2.764   | 73    | 717587   | 51.750   | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.185   | 63    | 435209   | 49.367   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96    | 269964   | 51.711   | ug/L  | 99       |
| 22) 2-Butanone                | 3.969   | 43    | 245419   | 87.459   | ug/L  | 90       |
| 23) Bromochloromethane        | 4.243   | 128   | 141611   | 50.355   | ug/L  | 99       |
| 25) Chloroform                | 4.368   | 83    | 451796   | 48.609   | ug/L  | 100      |

08/01/2022  
 Supervised By :Mahesh  
 Gadoda

08/02/2022

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 Sample : N3956-06MSD  
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 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 EXF03MSD

Quant Time: Jul 30 08:26:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 30 01:28:32 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.124  | 62   | 347900   | 54.395  | ug/L   | 100      |
| 29) Cyclohexane               | 4.674  | 56   | 367914   | 56.449  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.603  | 97   | 395092   | 50.744  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.821  | 117  | 330664   | 48.785  | ug/L   | 99       |
| 33) Benzene                   | 5.091  | 78   | 6554132  | 335.262 | ug/L   | 100      |
| 34) Trichloroethene           | 5.911  | 95   | 259103   | 51.496  | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.127  | 83   | 398116   | 53.038  | ug/L # | 88       |
| 37) 1,2-Dichloropropane       | 6.169  | 63   | 252197   | 51.546  | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.506  | 83   | 342467   | 52.698  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 361224   | 51.465  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 700506   | 113.196 | ug/L   | 97       |
| 42) Toluene                   | 7.384  | 91   | 1096303  | 54.391  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 333175   | 48.825  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 266185   | 50.816  | ug/L   | 99       |
| 46) Tetrachloroethene         | 7.976  | 164  | 189911   | 48.256  | ug/L   | 99       |
| 48) 2-Hexanone                | 8.136  | 43   | 483224   | 99.086  | ug/L   | 91       |
| 49) Dibromochloromethane      | 8.246  | 129  | 269320   | 49.994  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.349  | 107  | 275659   | 50.185  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 748133   | 55.037  | ug/L   | 100      |
| 52) Ethylbenzene              | 9.011  | 91   | 1107085  | 54.244  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.136  | 106  | 436228   | 54.341  | ug/L   | 98       |
| 54) o-Xylene                  | 9.541  | 106  | 431336   | 55.795  | ug/L   | 99       |
| 55) Styrene                   | 9.558  | 104  | 752518   | 55.619  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 428479   | 50.735  | ug/L   | 99       |
| 59) Bromoform                 | 9.728  | 173  | 192497   | 50.992  | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 1106973  | 53.377  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 330803   | 47.463  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 490709   | 55.282  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 404142   | 57.054  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 532727   | 52.915  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 529681   | 49.927  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 531247   | 50.528  | ug/L   | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 95361    | 52.185  | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 334631   | 49.006  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 297210   | 50.853  | ug/L   | 99       |
| 71) Naphthalene               | 13.500 | 128  | 1087631  | 53.483  | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 322259   | 50.836  | ug/L   | 99       |

08/01/2022  
 Supervised By :Mahesh  
 Dadoda

08/02/2022

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

