

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW083022\  
 Data File : VW027601.D  
 Acq On : 30 Aug 2022 21:23  
 Operator : SY/MD  
 Sample : N4404-02MS  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVB9MS

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 08/31/2022  
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 04:52:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 31 04:45:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 158630   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 157392   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 77708    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 49558    | 4.390    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 87.800%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 40467    | 4.898    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 98.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 96929    | 3.682    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 73.600%  |
| 20) 2-Butanone-d5             | 3.892  | 46    | 76725m   | 54.608   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 109.220% |
| 24) Chloroform-d              | 4.346  | 84    | 101612   | 4.501    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 46704    | 4.782    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 95.600%  |
| 32) Benzene-d6                | 5.050  | 84    | 181794   | 4.170    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 59032    | 4.657    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 93.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 168856   | 4.290    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 15873    | 3.658    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 73.200%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 74008    | 51.806   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 103.620% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 41734    | 5.171    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 103.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 55571    | 4.824    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 96.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 69418    | 4.124    | ug/L  | 99       |
| 3) Chloromethane              | 1.240  | 50    | 68669    | 4.672    | ug/L  | 99       |
| 5) Vinyl chloride             | 1.310  | 62    | 81702    | 5.522    | ug/L  | 99       |
| 6) Bromomethane               | 1.519  | 94    | 28795    | 3.935    | ug/L  | 96       |
| 8) Chloroethane               | 1.584  | 64    | 44276    | 5.120    | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 99008    | 4.212    | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 55063    | 4.149    | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 49310    | 4.108    | ug/L  | 93       |
| 13) Acetone                   | 2.175  | 43    | 59634    | 44.444   | ug/L  | 92       |
| 14) Carbon disulfide          | 2.291  | 76    | 124398   | 3.776    | ug/L  | 99       |
| 15) Methyl Acetate            | 2.433  | 43    | 11779    | 3.170    | ug/L  | 95       |
| 16) Methylene chloride        | 2.503  | 84    | 64393    | 3.559    | ug/L  | 98       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 117518   | 4.732    | ug/L  | 96       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 55588    | 4.496    | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 122758   | 4.796    | ug/L  | 100      |
| 21) 2-Butanone                | 3.976  | 43    | 89255    | 49.984   | ug/L  | 93       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 73120    | 5.549    | ug/L  | 94       |
| 23) Bromochloromethane        | 4.243  | 128   | 26010    | 4.476    | ug/L  | 91       |
| 25) Chloroform                | 4.371  | 83    | 130306   | 4.681    | ug/L  | 98       |

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 ALS Vial : 25 Sample Multiplier: 1

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 MSVOA\_V  
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 DBVB9MS

Quant Time: Aug 31 04:52:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 31 04:45:39 2022  
 Response via : Initial Calibration

Manual Integrations  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 68143    | 4.818  | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 112103   | 4.640  | ug/L   | 98       |
| 30) Cyclohexane               | 4.677  | 56   | 79495    | 4.287  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 93237    | 4.438  | ug/L   | 98       |
| 33) Benzene                   | 5.095  | 78   | 250420   | 4.785  | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 63914    | 4.641  | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.130  | 83   | 76644    | 3.957  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 71361    | 5.115  | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 88788    | 5.019  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 67708    | 4.025  | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 337832   | 54.197 | ug/L   | 99       |
| 42) Toluene                   | 7.384  | 91   | 276886   | 5.126  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 57788    | 4.064  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 45837    | 5.139  | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.976  | 164  | 46718    | 4.355  | ug/L   | 98       |
| 48) 2-Hexanone                | 8.140  | 43   | 254382   | 56.634 | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.243  | 129  | 52989    | 4.831  | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 41551    | 5.337  | ug/L   | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 169995   | 4.863  | ug/L   | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 267121   | 4.845  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.136  | 106  | 120177   | 5.696  | ug/L   | 97       |
| 54) o-Xylene                  | 9.542  | 106  | 99354    | 4.855  | ug/L   | 100      |
| 55) Styrene                   | 9.561  | 104  | 178276   | 5.120  | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 54290    | 5.404  | ug/L # | 94       |
| 59) Bromoform                 | 9.731  | 173  | 25337    | 4.865  | ug/L   | 97       |
| 60) Isopropylbenzene          | 9.931  | 105  | 268082   | 5.243  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 37344    | 5.478  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 70221    | 4.953  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 204351   | 5.116  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 132431   | 5.257  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 132129   | 5.261  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 125438   | 5.492  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 7501     | 4.953  | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 99262    | 5.279  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 73468    | 5.376  | ug/L   | 98       |
| 71) Naphthalene               | 13.500 | 128  | 105309   | 5.583  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 66991    | 5.520  | ug/L   | 99       |

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

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