

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041522\  
 Data File : VW025599.D  
 Acq On : 16 Apr 2022 04:36  
 Operator : SY/MD  
 Sample : N2438-11MSD  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6S7MSD

Quant Time: Apr 16 05:46:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 16 04:36:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 124218   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 127804   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 66614    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.310  | 65    | 42901    | 3.715    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.200%  |
| 7) Chloroethane-d5            | 1.571  | 69    | 45867    | 3.733    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.114  | 63    | 99206    | 4.288    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.800%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 84045    | 59.828   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.660% |
| 24) Chloroform-d              | 4.352  | 84    | 84855    | 4.862    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 39467    | 5.249    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.000% |
| 32) Benzene-d6                | 5.053  | 84    | 155535   | 4.206    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 49224    | 4.773    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 139423   | 4.063    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 14480    | 4.177    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 63557    | 52.243   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.480% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 34066    | 5.229    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 46824    | 4.192    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 83.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.134  | 85    | 46298    | 4.126    | ug/L   | 98       |
| 3) Chloromethane              | 1.246  | 50    | 69030    | 5.662    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.314  | 62    | 71226    | 5.169    | ug/L   | 99       |
| 6) Bromomethane               | 1.526  | 94    | 41206    | 4.147    | ug/L   | 97       |
| 8) Chloroethane               | 1.590  | 64    | 53715    | 5.051    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.757  | 101   | 97540    | 5.040    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121  | 101   | 47584    | 4.376    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.124  | 96    | 53051    | 4.924    | ug/L   | 80       |
| 13) Acetone                   | 2.188  | 43    | 56231    | 58.974   | ug/L   | 96       |
| 14) Carbon disulfide          | 2.298  | 76    | 106445   | 4.127    | ug/L   | 98       |
| 15) Methyl Acetate            | 2.445  | 43    | 11412    | 5.385    | ug/L   | 96       |
| 16) Methylene chloride        | 2.510  | 84    | 46988    | 4.498    | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.773  | 73    | 90014    | 5.399    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96    | 41464    | 4.593    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.195  | 63    | 87622    | 5.730    | ug/L   | 97       |
| 21) 2-Butanone                | 3.982  | 43    | 82259    | 62.435   | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 48781    | 5.132    | ug/L   | 95       |
| 23) Bromochloromethane        | 4.252  | 128   | 20721    | 5.251    | ug/L   | 90       |
| 25) Chloroform                | 4.378  | 83    | 93640    | 5.801    | ug/L   | 97       |

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 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6S7MSD

Quant Time: Apr 16 05:46:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 16 04:36:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 50468    | 5.926  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.613  | 97   | 77896    | 5.168  | ug/L  | 97       |
| 30) Cyclohexane               | 4.680  | 56   | 55299    | 4.035  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.831  | 117  | 62101    | 4.871  | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 195667   | 5.183  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 45219    | 4.511  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 54501    | 3.407  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 46478    | 5.322  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 58963    | 5.438  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 55494    | 4.848  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 212449   | 60.751 | ug/L  | 96       |
| 42) Toluene                   | 7.387  | 91   | 204952   | 4.991  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 42883    | 4.822  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 32298    | 5.522  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 31796    | 4.052  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.140  | 43   | 152106   | 62.413 | ug/L  | 94       |
| 49) Dibromochloromethane      | 8.246  | 129  | 33819    | 5.267  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 27371    | 4.982  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.882  | 112  | 122794   | 4.683  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.011  | 91   | 194062   | 4.431  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.140  | 106  | 74333    | 4.464  | ug/L  | 100      |
| 54) o-Xylene                  | 9.545  | 106  | 73931    | 4.571  | ug/L  | 99       |
| 55) Styrene                   | 9.561  | 104  | 127162   | 4.835  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 33492    | 5.731  | ug/L  | 98       |
| 59) Bromoform                 | 9.731  | 173  | 14428    | 5.247  | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.931  | 105  | 188379   | 4.569  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 25471    | 5.806  | ug/L  | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 75516    | 4.107  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 139145   | 4.200  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 85345    | 4.434  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 83325    | 4.265  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 81684    | 4.792  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 4424     | 5.832  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 53723    | 3.669  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 40839    | 3.618  | ug/L  | 96       |
| 71) Naphthalene               | 13.503 | 128  | 72274    | 4.364  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 37257    | 3.986  | ug/L  | 98       |

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

