

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\  
 Data File : VX020500.D  
 Acq On : 05 Jan 2021 15:40  
 Operator : JC/MD  
 Sample : VSTD0.562  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD0.5302

Quant Time: Jan 06 04:38:06 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXTR010521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 06 04:37:23 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.82  | 114  | 145543   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.09 | 117  | 144907   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 68888    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |      |      |
|--------------------------------|-------|-----|-------|------|------|------|
| 4) Vinyl Chloride-d3           | 1.39  | 65  | 6145  | 0.63 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.69  | 69  | 5324  | 0.64 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.34  | 63  | 10793 | 0.56 | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 4.54  | 46  | 12123 | 5.70 | ug/L | 0.01 |
| 24) Chloroform-d               | 5.14  | 84  | 11385 | 0.61 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 6.03  | 65  | 5666  | 0.55 | ug/L | 0.00 |
| 32) Benzene-d6                 | 6.04  | 84  | 22619 | 0.55 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 7.37  | 67  | 7291  | 0.62 | ug/L | 0.00 |
| 41) Toluene-d8                 | 8.70  | 98  | 18955 | 0.48 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 8.99  | 79  | 2170  | 0.45 | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 9.43  | 63  | 8873  | 4.14 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroethane- | 11.23 | 84  | 5017  | 0.57 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4     | 12.36 | 152 | 7024  | 0.55 | ug/L | 0.00 |

## Target Compounds

|                                |      |     |       |            | Qvalue |
|--------------------------------|------|-----|-------|------------|--------|
| 2) Dichlorodifluoromethane     | 1.18 | 85  | 7960  | 0.624 ug/L | 100    |
| 3) Chloromethane               | 1.31 | 50  | 7104  | 0.649 ug/L | 96     |
| 5) Vinyl chloride              | 1.39 | 62  | 7187  | 0.586 ug/L | 99     |
| 6) Bromomethane                | 1.64 | 94  | 3536  | 0.461 ug/L | 98     |
| 8) Chloroethane                | 1.71 | 64  | 4447  | 0.600 ug/L | 93     |
| 9) Trichlorofluoromethane      | 1.92 | 101 | 9033  | 0.520 ug/L | 98     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.36 | 101 | 5085  | 0.516 ug/L | 97     |
| 12) 1,1-Dichloroethene         | 2.36 | 96  | 4991  | 0.520 ug/L | 93     |
| 13) Acetone                    | 2.43 | 43  | 6792  | 5.510 ug/L | 92     |
| 14) Carbon disulfide           | 2.55 | 76  | 18179 | 0.599 ug/L | 97     |
| 15) Methyl Acetate             | 2.75 | 43  | 2276  | 0.695 ug/L | 97     |
| 16) Methylene chloride         | 2.83 | 84  | 8845  | 0.765 ug/L | 96     |
| 17) Methyl tert-butyl Ether    | 3.16 | 73  | 11239 | 0.498 ug/L | 99     |
| 18) trans-1,2-Dichloroethene   | 3.14 | 96  | 5964  | 0.586 ug/L | 91     |
| 19) 1,1-Dichloroethane         | 3.67 | 63  | 10416 | 0.593 ug/L | 96     |
| 21) 2-Butanone                 | 4.64 | 43  | 11608 | 5.434 ug/L | 98     |
| 22) cis-1,2-Dichloroethene     | 4.56 | 96  | 5702  | 0.525 ug/L | 99     |
| 23) Bromochloromethane         | 4.98 | 128 | 2636  | 0.581 ug/L | 91     |
| 25) Chloroform                 | 5.17 | 83  | 10873 | 0.592 ug/L | 99     |
| 27) 1,2-Dichloroethane         | 6.15 | 62  | 6013  | 0.532 ug/L | 99     |
| 29) 1,1,1-Trichloroethane      | 5.46 | 97  | 8839  | 0.489 ug/L | 97     |
| 30) Cyclohexane                | 5.54 | 56  | 7612  | 0.426 ug/L | 98     |
| 31) Carbon tetrachloride       | 5.75 | 117 | 7583  | 0.489 ug/L | 98     |
| 33) Benzene                    | 6.11 | 78  | 22496 | 0.503 ug/L | 100    |
| 34) Trichloroethene            | 7.18 | 95  | 6070  | 0.508 ug/L | 90     |
| 35) Methylcyclohexane          | 7.43 | 83  | 8063  | 0.420 ug/L | 98     |
| 37) 1,2-Dichloropropane        | 7.49 | 63  | 5751  | 0.545 ug/L | 98     |
| 38) Bromodichloromethane       | 7.87 | 83  | 6812  | 0.503 ug/L | 95     |
| 39) cis-1,3-Dichloropropene    | 8.41 | 75  | 6929  | 0.441 ug/L | 99     |
| 40) 4-Methyl-2-pentanone       | 8.62 | 43  | 23469 | 4.227 ug/L | 97     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD0.5302

Quant Time: Jan 06 04:38:06 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXTR010521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 06 04:37:23 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 42) Toluene                    | 8.76  | 91   | 21474    | 0.449 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene  | 9.02  | 75   | 5501     | 0.416 | ug/L   | 94       |
| 45) 1,1,2-Trichloroethane      | 9.20  | 97   | 4121     | 0.541 | ug/L   | 93       |
| 47) Tetrachloroethene          | 9.32  | 164  | 4832     | 0.518 | ug/L   | 96       |
| 48) 2-Hexanone                 | 9.47  | 43   | 16633    | 4.247 | ug/L   | 94       |
| 49) Dibromochloromethane       | 9.56  | 129  | 4067     | 0.462 | ug/L   | 92       |
| 50) 1,2-Dibromoethane          | 9.65  | 107  | 3546     | 0.501 | ug/L # | 94       |
| 51) Chlorobenzene              | 10.12 | 112  | 15152    | 0.505 | ug/L   | 99       |
| 52) Ethylbenzene               | 10.23 | 91   | 22427    | 0.427 | ug/L   | 99       |
| 53) m,p-xylene                 | 10.34 | 106  | 8091     | 0.400 | ug/L   | 97       |
| 54) o-xylene                   | 10.68 | 106  | 7599     | 0.395 | ug/L   | 96       |
| 55) Styrene                    | 10.70 | 104  | 12195    | 0.383 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 4459     | 0.515 | ug/L   | 99       |
| 59) Bromoform                  | 10.84 | 173  | 2187     | 0.484 | ug/L   | 99       |
| 60) Isopropylbenzene           | 11.00 | 105  | 19631    | 0.393 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane     | 11.28 | 75   | 3281     | 0.532 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 14977    | 0.361 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 14860    | 0.353 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene        | 12.01 | 146  | 10907    | 0.486 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene        | 12.08 | 146  | 11269    | 0.499 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene        | 12.37 | 146  | 10405    | 0.503 | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropropan | 12.98 | 75   | 737      | 0.531 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene     | 13.15 | 180  | 8051     | 0.489 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene     | 13.63 | 180  | 5994     | 0.420 | ug/L   | 97       |
| 71) Naphthalene                | 13.82 | 128  | 8288     | 0.332 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene     | 14.00 | 180  | 5593     | 0.441 | ug/L   | 94       |

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

