Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
Data File : VU042187.D
Acq On : 25 Jan 2021 10:10
Operator : SY/MD
Sample : VSTD00136
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD001364

Quant Time: Jan 25 16:46:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 25 16:41:33 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 6.257 | 114 | 106587 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 9.427 | 117 | 100631 | 5.00 | ug/L | | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.819 | 152 | 55958 | 5.00 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 5126 | 0.66 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 1.919 | 69 | 4638 | 0.64 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.572 | 65 | 3039 | 0.76 | ug/L | | 0.00 |
| 20) 2-Butanone-d5 | 4.655 | 46 | 23251 | 9.63 | ug/L | | 0.00 |
| 24) Chloroform-d | 5.073 | 84 | 13276 | 0.87 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.710 | 65 | 7899 | 0.91 | ug/L | | 0.00 |
| 32) Benzene-d6 | 5.736 | 84 | 23614 | 0.84 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.700 | 67 | 7677 | 0.87 | ug/L | | 0.00 |
| 41) Toluene-d8 | 7.906 | 98 | 22628 | 0.87 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 8.189 | 79 | 3620 | 0.95 | ug/L | | 0.00 |
| 46) 2-Hexanone-d5 | 8.646 | 63 | 16757 | 8.55 | ug/L | | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84 | 6773 | 0.83 | ug/L | | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 12.202 | 152 | 9191 | 0.88 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.385 | 85 | 9430 | 0.97 | ug/L | | 98 |
| 3) Chloromethane | 1.520 | 50 | 8420 | 0.96 | ug/L | | 98 |
| 5) Vinyl chloride | 1.607 | 62 | 8283 | 0.81 | ug/L | | 96 |
| 6) Bromomethane | 1.861 | 94 | 4146 | 0.61 | ug/L | | 99 |
| 8) Chloroethane | 1.938 | 64 | 4681 | 0.73 | ug/L | | 95 |
| 9) Trichlorofluoromethane | 2.144 | 101 | 11844 | 0.83 | ug/L | | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588 | 101 | 7521 | 0.92 | ug/L | | 97 |
| 12) 1,1-Dichloroethene | 2.585 | 96 | 6542 | 0.81 | ug/L | | 84 |
| 13) Acetone | 2.662 | 43 | 16080 | 9.76 | ug/L | # | 63 |
| 14) Carbon disulfide | 2.800 | 76 | 22824 | 0.85 | ug/L | | 99 |
| 15) Methyl Acetate | 2.964 | 43 | 4462 | 1.18 | ug/L | # | 80 |
| 16) Methylene chloride | 3.054 | 84 | 8790 | 0.86 | ug/L | | 80 |
| 17) Methyl tert-butyl Ether | 3.372 | 73 | 19287 | 0.96 | ug/L | # | 94 |
| 18) trans-1,2-Dichloroethene | 3.363 | 96 | 7025 | 0.89 | ug/L | | 93 |
| 19) 1,1-Dichloroethane | 3.880 | 63 | 13654 | 0.97 | ug/L | | 95 |
| 21) 2-Butanone | 4.729 | 43 | 27975 | 11.74 | ug/L | | 80 |
| 22) cis-1,2-Dichloroethene | 4.678 | 96 | 7831 | 0.94 | ug/L | | 87 |
| 23) Bromochloromethane | 4.987 | 128 | 3651 | 0.91 | ug/L | | 84 |
| 25) Chloroform | 5.099 | 83 | 14547 | 1.00 | ug/L | | 98 |
| 27) 1,2-Dichloroethane | 5.803 | 62 | 10547 | 1.09 | ug/L | | 96 |
| 29) 1,1,1-Trichloroethane | 5.324 | 97 | 12840 | 1.04 | ug/L | | 93 |
| 30) Cyclohexane | 5.398 | 56 | 13486 | 1.16 | ug/L | | 90 |
| 31) Carbon tetrachloride | 5.533 | 117 | 11599 | 1.07 | ug/L | | 98 |
| 33) Benzene | 5.784 | 78 | 29275 | 0.98 | ug/L | | 100 |
| 34) Trichloroethene | 6.552 | 95 | 7912 | 1.01 | ug/L | | 94 |
| 35) Methylcyclohexane | 6.771 | 83 | 12703 | 1.04 | ug/L | | 91 |
| 37) 1,2-Dichloropropane | 6.803 | 63 | 7683 | 1.02 | ug/L | | 98 |
| 38) Bromodichloromethane | 7.115 | 83 | 10432 | 1.05 | ug/L | | 97 |
| 39) cis-1,3-Dichloropropene | 7.617 | 75 | 12319 | 1.08 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 7.803 | 43 | 63811 | 12.51 | ug/L | # | 89 |
| 42) Toluene | 7.977 | 91 | 30465 | 0.97 | ug/L | | 99 |
| 44) trans-1,3-Dichloropropene | 8.218 | 75 | 11037 | 1.06 | ug/L | | 94 |

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 8.411 | 97 | 5491 | 0.93 | ug/L | | 98 |
| 47) Tetrachloroethene | 8.562 | 164 | 6585 | 1.06 | ug/L | | 93 |
| 48) 2-Hexanone | 8.697 | 43 | 45763 | 12.31 | ug/L | # | 88 |
| 49) Dibromochloromethane | 8.819 | 129 | 7111 | 0.98 | ug/L | | 94 |
| 50) 1,2-Dibromoethane | 8.932 | 107 | 5615 | 0.95 | ug/L | # | 92 |
| 51) Chlorobenzene | 9.456 | 112 | 20107 | 0.98 | ug/L | | 98 |
| 52) Ethylbenzene | 9.578 | 91 | 35898 | 1.07 | ug/L | | 96 |
| 53) m,p-Xylene | 9.700 | 106 | 13329 | 1.03 | ug/L | | 96 |
| 54) o-Xylene | 10.108 | 106 | 12954 | 1.05 | ug/L | | 100 |
| 55) Styrene | 10.121 | 104 | 21464 | 1.02 | ug/L | | 89 |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83 | 6839 | 0.88 | ug/L | | 95 |
| 59) Bromoform | 10.301 | 173 | 4592 | 0.95 | ug/L | # | 96 |
| 60) Isopropylbenzene | 10.491 | 105 | 34810 | 0.99 | ug/L | | 98 |
| 61) 1,2,3-Trichloropropane | 10.832 | 75 | 5218 | 0.85 | ug/L | | 98 |
| 62) 1,3,5-Trimethylbenzene | 11.096 | 105 | 27934 | 0.97 | ug/L | | 98 |
| 63) 1,2,4-Trimethylbenzene | 11.475 | 105 | 27906 | 0.98 | ug/L | | 98 |
| 64) 1,3-Dichlorobenzene | 11.755 | 146 | 16877 | 1.00 | ug/L | | 99 |
| 65) 1,4-Dichlorobenzene | 11.845 | 146 | 16931 | 0.99 | ug/L | | 98 |
| 67) 1,2-Dichlorobenzene | 12.221 | 146 | 15937 | 0.96 | ug/L | | 98 |
| 68) 1,2-Dibromo-3-chloropr... | 13.009 | 75 | 1295 | 0.90 | ug/L | | 86 |
| 69) 1,3,5-Trichlorobenzene | 13.227 | 180 | 13612 | 1.05 | ug/L | | 98 |
| 70) 1,2,4-trichlorobenzene | 13.851 | 180 | 10307 | 1.06 | ug/L | | 99 |
| 71) Naphthalene | 14.095 | 128 | 16821 | 0.99 | ug/L | | 98 |
| 72) 1,2,3-Trichlorobenzene | 14.340 | 180 | 9390 | 1.03 | ug/L | | 98 |

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

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