Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032321\
Data File : VV020715.D
Acq On : 23 Mar 2021 16:30
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 04:33:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 04:32:38 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00564

**Manual Integrations APPROVED**
MMDadoda
3/24/2021 2:14:20 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 724445 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 698109 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 366508 | 50.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.310 | 65 | 27447 | 4.83 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 1.571 | 69 | 20470 | 4.55 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.111 | 63 | 52017 | 4.80 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 3.921 | 46 | 31024m | 8.56 | ug/L | 0.02 |
| 24) Chloroform-d | 4.355 | 84 | 53079 | 5.23 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.040 | 65 | 35115 | 5.27 | ug/L | 0.00 |
| 32) Benzene-d6 | 5.056 | 84 | 97413 | 5.12 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 29945 | 4.97 | ug/L | 0.00 |
| 41) Toluene-d8 | 7.320 | 98 | 87393 | 5.10 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 14084 | 4.88 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 8.098 | 63 | 20257 | 8.81 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220 | 84 | 42661 | 5.50 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4 | 11.632 | 152 | 38117 | 5.35 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.130 | 85 | 40401 | 6.57 | ug/L | 99 |
| 3) Chloromethane | 1.243 | 50 | 30990 | 4.70 | ug/L | 100 |
| 5) Vinyl chloride | 1.314 | 62 | 31443 | 4.71 | ug/L | 99 |
| 6) Bromomethane | 1.526 | 94 | 19962 | 5.01 | ug/L | 98 |
| 8) Chloroethane | 1.587 | 64 | 17851 | 4.45 | ug/L | 96 |
| 9) Trichlorofluoromethane | 1.754 | 101 | 53627 | 5.72 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121 | 101 | 25590 | 5.16 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.121 | 96 | 23333 | 4.88 | ug/L | 96 |
| 13) Acetone | 2.188 | 43 | 30196m | 10.36 | ug/L | |
| 14) Carbon disulfide | 2.298 | 76 | 78043 | 5.29 | ug/L | 100 |
| 15) Methyl Acetate | 2.442 | 43 | 27480 | 4.91 | ug/L | 94 |
| 16) Methylene chloride | 2.510 | 84 | 30215 | 5.44 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 2.764 | 96 | 25748 | 4.98 | ug/L | 96 |
| 18) Methyl tert-butyl Ether | 2.770 | 73 | 79733 | 5.05 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.191 | 63 | 50214 | 5.12 | ug/L | 97 |
| 20) cis-1,2-Dichloroethene | 3.918 | 96 | 27163 | 5.09 | ug/L | 100 |
| 22) 2-Butanone | 4.011 | 43 | 33358m | 8.21 | ug/L | |
| 23) Bromochloromethane | 4.259 | 128 | 15385 | 5.68 | ug/L | 94 |
| 25) Chloroform | 4.378 | 83 | 53642 | 5.21 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.137 | 62 | 39411 | 4.80 | ug/L | 98 |
| 29) Cyclohexane | 4.680 | 56 | 43174 | 5.13 | ug/L | 98 |
| 30) 1,1,1-Trichloroethane | 4.613 | 97 | 47071 | 5.52 | ug/L | 96 |
| 31) Carbon tetrachloride | 4.828 | 117 | 44212 | 6.29 | ug/L | 99 |
| 33) Benzene | 5.104 | 78 | 103506 | 4.99 | ug/L | 100 |
| 34) Trichloroethene | 5.921 | 95 | 29449 | 5.07 | ug/L | 94 |
| 35) Methylcyclohexane | 6.137 | 83 | 45009 | 5.51 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 6.178 | 63 | 28526m | 5.26 | ug/L | |
| 38) Bromodichloromethane | 6.516 | 83 | 38327 | 5.28 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.034 | 75 | 40056 | 4.94 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.233 | 43 | 68313 | 8.63 | ug/L | 95 |
| 42) Toluene | 7.391 | 91 | 111397 | 5.10 | ug/L | 98 |
| 44) trans-1,3-Dichloropropene | 7.657 | 75 | 38034 | 4.73 | ug/L | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032321\
Data File : VV020715.D
Acq On : 23 Mar 2021 16:30
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00564

**Manual Integrations APPROVED**
MMDadoda
3/24/2021 2:14:20 PM

Quant Time: Mar 24 04:33:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 04:32:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 7.844 | 97 | 27817 | 5.48 | ug/L | 95 |
| 46) Tetrachloroethene | 7.979 | 164 | 23633 | 6.00 | ug/L | 90 |
| 48) 2-Hexanone | 8.149 | 43 | 52678 | 8.51 | ug/L | 92 |
| 49) Dibromochloromethane | 8.249 | 129 | 30459 | 5.61 | ug/L | 97 |
| 50) 1,2-Dibromoethane | 8.358 | 107 | 28714 | 5.22 | ug/L | 94 |
| 51) Chlorobenzene | 8.886 | 112 | 78021 | 5.47 | ug/L | 98 |
| 52) Ethylbenzene | 9.018 | 91 | 127273 | 5.15 | ug/L | 98 |
| 53) m,p-Xylene | 9.143 | 106 | 46452 | 5.10 | ug/L | 98 |
| 54) o-xylene | 9.548 | 106 | 43455 | 4.94 | ug/L | 97 |
| 55) Styrene | 9.567 | 104 | 73882 | 4.80 | ug/L | 97 |
| 56) Isopropylbenzene | 9.937 | 105 | 119147 | 4.99 | ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.246 | 83 | 42568 | 5.50 | ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 10.278 | 75 | 35750 | 5.17 | ug/L | 98 |
| 61) Bromoform | 9.735 | 173 | 21298 | 5.68 | ug/L | 98 |
| 62) 1,3-Dichlorobenzene | 11.188 | 146 | 61041 | 5.26 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.278 | 146 | 65820 | 5.42 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 11.648 | 146 | 59433 | 5.13 | ug/L | 96 |
| 66) 1,2-Dibromo-3-chloropr... | 12.435 | 75 | 9426 | 5.26 | ug/L | 98 |
| 67) 1,3,5-Trichlorobenzene | 12.654 | 180 | 47237 | 5.60 | ug/L | 98 |
| 68) 1,2,4-trichlorobenzene | 13.271 | 180 | 35941 | 4.90 | ug/L | 97 |
| 69) Naphthalene | 13.512 | 128 | 86251 | 3.70 | ug/L | 98 |
| 70) 1,2,3-Trichlorobenzene | 13.754 | 180 | 36529 | 5.03 | ug/L | 96 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032321\
Data File : VV020715.D
Acq On : 23 Mar 2021 16:30
Operator : SY/MD
Sample : VSTD00564
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 04:33:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 24 04:32:38 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTD00564

**Manual Integrations APPROVED**
MMDadoda
3/24/2021 2:14:20 PM