Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
Data File : VW023540.D
Acq On : 30 Jun 2022 11:17
Operator : SY/VA
Sample : VSTD10035
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**

Quant Time: Jul 01 05:31:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:29:39 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 407644 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 400347 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 213749 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 674421 | 115.834 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.879 | 69 | 452825 | 113.004 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.019 | 63 | 779922 | 108.103 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 7.074 | 46 | 307023 | 202.821 | ug/L | 0.00 |
| 24) Chloroform-d | 7.647 | 84 | 1113079 | 100.025 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 606456 | 98.689 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.275 | 84 | 2169566 | 100.232 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 623926 | 97.495 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.323 | 98 | 2198442 | 104.428 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 310429 | 109.498 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.920 | 63 | 280902 | 231.399 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 623015 | 101.395 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 813774 | 104.388 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.007 | 85 | 231049 | 137.260 | ug/L | 99 |
| 3) Chloromethane | 2.215 | 50 | 572363 | 117.383 | ug/L | 100 |
| 5) Vinyl chloride | 2.355 | 62 | 771903 | 117.542 | ug/L | 97 |
| 6) Bromomethane | 2.763 | 94 | 463390 | 106.980 | ug/L | 99 |
| 8) Chloroethane | 2.910 | 64 | 340460 | 110.869 | ug/L | 96 |
| 9) Trichlorofluoromethane | 3.239 | 101 | 239029 | 78.571 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056 | 101 | 508944 | 103.351 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 4.038 | 96 | 463288 | 112.853 | ug/L | 91 |
| 13) Acetone | 4.123 | 43 | 164821 | 170.997 | ug/L | 96 |
| 14) Carbon disulfide | 4.385 | 76 | 1353157 | 122.463 | ug/L | 97 |
| 15) Methyl Acetate | 4.665 | 43 | 228654 | 96.517 | ug/L | 99 |
| 16) Methylene chloride | 4.915 | 84 | 488374 | 83.985 | ug/L | 94 |
| 17) trans-1,2-Dichloroethene | 5.421 | 96 | 544766 | 105.372 | ug/L | 97 |
| 18) Methyl tert-butyl Ether | 5.428 | 73 | 804678 | 106.132 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 6.214 | 63 | 910677 | 99.878 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 7.165 | 96 | 598661m | 106.244 | ug/L | |
| 22) 2-Butanone | 7.171 | 43 | 317175 | 192.870 | ug/L | 100 |
| 23) Bromochloromethane | 7.513 | 128 | 286369 | 102.693 | ug/L | 95 |
| 25) Chloroform | 7.671 | 83 | 1011884 | 99.419 | ug/L | 96 |
| 27) 1,2-Dichloroethane | 8.396 | 62 | 668231 | 99.254 | ug/L | 99 |
| 29) Cyclohexane | 7.958 | 56 | 822026 | 108.654 | ug/L | 99 |
| 30) 1,1,1-Trichloroethane | 7.872 | 97 | 830369 | 95.630 | ug/L | 97 |
| 31) Carbon tetrachloride | 8.067 | 117 | 773813 | 98.582 | ug/L | 99 |
| 33) Benzene | 8.323 | 78 | 2191823 | 97.314 | ug/L | 100 |
| 34) Trichloroethene | 9.091 | 95 | 590432 | 97.842 | ug/L | 98 |
| 35) Methylcyclohexane | 9.335 | 83 | 1015119 | 106.907 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 9.366 | 63 | 531372 | 97.536 | ug/L | 99 |
| 38) Bromodichloromethane | 9.646 | 83 | 781188 | 100.155 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 10.073 | 75 | 927569 | 109.952 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 10.207 | 43 | 758154 | 212.335 | ug/L | 98 |
| 42) Toluene | 10.390 | 91 | 2576571 | 103.426 | ug/L | 99 |

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Operator : SY/VA
Sample : VSTD10035
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**

Quant Time: Jul 01 05:31:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:29:39 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) trans-1,3-Dichloropropene | 10.603 | 75 | 841057 | 107.867 | ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 10.786 | 97 | 466914 | 100.796 | ug/L | 96 |
| 46) Tetrachloroethene | 10.859 | 164 | 506404 | 104.342 | ug/L | 92 |
| 48) 2-Hexanone | 10.969 | 43 | 535049 | 218.171 | ug/L | 97 |
| 49) Dibromochloromethane | 11.128 | 129 | 609153 | 107.618 | ug/L | 98 |
| 50) 1,2-Dibromoethane | 11.231 | 107 | 472205 | 102.303 | ug/L | 99 |
| 51) Chlorobenzene | 11.658 | 112 | 1738651 | 101.992 | ug/L | 96 |
| 52) Ethylbenzene | 11.731 | 91 | 2888088 | 103.937 | ug/L | 100 |
| 53) m,p-Xylene | 11.835 | 106 | 1169064 | 107.010 | ug/L | 94 |
| 54) o-Xylene | 12.164 | 106 | 1148017 | 111.255 | ug/L | 98 |
| 55) Styrene | 12.176 | 104 | 1996144 | 110.685 | ug/L | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 586757 | 98.489 | ug/L | 98 |
| 59) Bromoform | 12.347 | 173 | 375777 | 118.489 | ug/L | 97 |
| 60) Isopropylbenzene | 12.463 | 105 | 3026815 | 107.343 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 12.768 | 75 | 408898 | 94.968 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.944 | 105 | 2584906 | 110.337 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 2577487 | 109.634 | ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 13.499 | 146 | 1397319 | 103.106 | ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 13.579 | 146 | 1420604 | 103.359 | ug/L | 97 |
| 67) 1,2-Dichlorobenzene | 13.871 | 146 | 1267481 | 103.204 | ug/L | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75 | 97544 | 99.064 | ug/L | 86 |
| 69) 1,3,5-Trichlorobenzene | 14.627 | 180 | 907638 | 100.308 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 15.127 | 180 | 759876 | 104.063 | ug/L | 100 |
| 71) Naphthalene | 15.365 | 128 | 1694020 | 111.816 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.548 | 180 | 699648 | 104.980 | ug/L | 98 |

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

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Operator : SY/VA
Sample : VSTD10035
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**

Quant Time: Jul 01 05:31:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
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