Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
Data File : VW026514.D
Acq On : 03 Jul 2023 17:31
Operator : SY/MD
Sample : VSTD05001
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD050401

Quant Time: Jul 04 01:42:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 01:40:17 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 678579 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 606782 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 294573 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 522417 | 55.468 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.893 | 69 | 402967 | 52.987 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.027 | 65 | 240233 | 51.652 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 7.075 | 46 | 369888 | 99.103 | ug/L | 0.00 |
| 24) Chloroform-d | 7.648 | 84 | 1001600 | 50.885 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.306 | 65 | 570713 | 49.892 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.276 | 84 | 2052153 | 50.434 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.276 | 67 | 649386 | 50.017 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.324 | 98 | 1829903 | 50.184 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.580 | 79 | 266450 | 51.176 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 248238 | 103.863 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 528913 | 50.052 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.854 | 152 | 560871 | 50.285 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.021 | 85 | 371916 | 50.859 | ug/L | 94 |
| 3) Chloromethane | 2.234 | 50 | 569939 | 49.099 | ug/L | 100 |
| 5) Vinyl chloride | 2.375 | 62 | 544250 | 48.772 | ug/L | 98 |
| 6) Bromomethane | 2.783 | 94 | 298166 | 46.734 | ug/L | 97 |
| 8) Chloroethane | 2.929 | 64 | 320479 | 48.810 | ug/L | 97 |
| 9) Trichlorofluoromethane | 3.265 | 101 | 378785 | 50.288 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.069 | 101 | 432297 | 48.479 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 4.045 | 96 | 410515 | 48.208 | ug/L | 96 |
| 13) Acetone | 4.118 | 43 | 199255 | 84.972 | ug/L | 96 |
| 14) Carbon disulfide | 4.393 | 76 | 1278792 | 47.561 | ug/L | 100 |
| 15) Methyl Acetate | 4.667 | 43 | 288133 | 48.241 | ug/L | 100 |
| 16) Methylene chloride | 4.923 | 84 | 453740 | 38.735 | ug/L | 99 |
| 17) trans-1,2-Dichloroethene | 5.423 | 96 | 445672 | 47.666 | ug/L | 97 |
| 18) Methyl tert-butyl Ether | 5.423 | 73 | 785928 | 49.045 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 6.215 | 63 | 942395 | 47.655 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 7.166 | 96 | 509667 | 48.182 | ug/L | 99 |
| 22) 2-Butanone | 7.166 | 43 | 371737 | 89.405 | ug/L | 100 |
| 23) Bromochloromethane | 7.514 | 128 | 207750 | 46.444 | ug/L | 95 |
| 25) Chloroform | 7.679 | 83 | 882921 | 47.965 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 8.398 | 62 | 622371 | 46.412 | ug/L | 97 |
| 29) Cyclohexane | 7.953 | 56 | 874716 | 48.712 | ug/L | 99 |
| 30) 1,1,1-Trichloroethane | 7.868 | 97 | 671779 | 47.263 | ug/L | 98 |
| 31) Carbon tetrachloride | 8.075 | 117 | 601210 | 47.046 | ug/L | 100 |
| 33) Benzene | 8.325 | 78 | 1950156 | 47.281 | ug/L | 100 |
| 34) Trichloroethene | 9.093 | 95 | 488337 | 46.182 | ug/L | 97 |
| 35) Methylcyclohexane | 9.337 | 83 | 869356 | 48.087 | ug/L | 99 |
| 37) 1,2-Dichloropropane | 9.367 | 63 | 537279 | 47.496 | ug/L | 100 |
| 38) Bromodichloromethane | 9.648 | 83 | 633993 | 47.933 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 10.068 | 75 | 834063 | 50.430 | ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 846418 | 99.002 | ug/L | 99 |
| 42) Toluene | 10.385 | 91 | 1968525 | 46.815 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 691597 | 49.710 | ug/L | 100 |

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Acq On : 03 Jul 2023 17:31
Operator : SY/MD
Sample : VSTD05001
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD050401

Quant Time: Jul 04 01:42:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 01:40:17 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 10.788 | 97 | 373351 | 47.574 | ug/L | 98 |
| 46) Tetrachloroethene | 10.861 | 164 | 329472 | 46.276 | ug/L | 94 |
| 48) 2-Hexanone | 10.965 | 43 | 582104 | 100.855 | ug/L | 97 |
| 49) Dibromochloromethane | 11.129 | 129 | 392612 | 48.779 | ug/L | 93 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 352840 | 47.931 | ug/L | 97 |
| 51) Chlorobenzene | 11.653 | 112 | 1223472 | 46.716 | ug/L | 99 |
| 52) Ethylbenzene | 11.727 | 91 | 2309548 | 48.548 | ug/L | 99 |
| 53) m,p-Xylene | 11.836 | 106 | 839490 | 47.802 | ug/L | 94 |
| 54) o-Xylene | 12.166 | 106 | 818207 | 48.833 | ug/L | 97 |
| 55) Styrene | 12.178 | 104 | 1396213 | 48.929 | ug/L | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83 | 489251 | 48.060 | ug/L | 99 |
| 59) Bromoform | 12.348 | 173 | 227299 | 49.346 | ug/L | 100 |
| 60) Isopropylbenzene | 12.458 | 105 | 2252059 | 49.117 | ug/L | 100 |
| 61) 1,2,3-Trichloropropane | 12.769 | 75 | 357429 | 46.813 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 12.940 | 105 | 1828532 | 49.397 | ug/L | 99 |
| 63) 1,2,4-Trimethylbenzene | 13.251 | 105 | 1834356 | 51.390 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 13.495 | 146 | 915063 | 47.645 | ug/L | 94 |
| 65) 1,4-Dichlorobenzene | 13.574 | 146 | 891334 | 46.196 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 13.866 | 146 | 801097 | 46.616 | ug/L | 92 |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75 | 85503 | 46.803 | ug/L | 92 |
| 69) 1,3,5-Trichlorobenzene | 14.622 | 180 | 586314 | 46.128 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 15.128 | 180 | 543100 | 49.574 | ug/L | 100 |
| 71) Naphthalene | 15.360 | 128 | 1258096 | 51.743 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 15.549 | 180 | 457433 | 46.820 | ug/L | 98 |

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

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Sample : VSTD05001
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD050401

Quant Time: Jul 04 01:42:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 01:40:17 2023
Response via : Initial Calibration