Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
Data File : VW029717.D
Acq On : 24 Jul 2024 17:04
Operator : SY/MD
Sample : VSTD10062
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100462

Quant Time: Jul 25 01:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:09:55 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 250966 | 25.000 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 230899 | 25.000 | ug/L | | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 114464 | 25.000 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 323355 | 83.051 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 2.899 | 69 | 239750 | 85.317 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 160150 | 90.779 | ug/L | | 0.00 |
| 21) 2-Butanone-d5 | 7.075 | 46 | 205026 | 173.404 | ug/L | | 0.00 |
| 24) Chloroform-d | 7.648 | 84 | 664743 | 94.361 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 373648 | 90.658 | ug/L | | 0.00 |
| 32) Benzene-d6 | 8.276 | 84 | 1294139 | 96.462 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.270 | 67 | 412519 | 95.951 | ug/L | | 0.00 |
| 41) Toluene-d8 | 10.319 | 98 | 1188097 | 99.972 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 179441 | 99.080 | ug/L | | 0.00 |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 149405 | 191.157 | ug/L | | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 298200 | 86.199 | ug/L | | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.848 | 152 | 351191 | 90.267 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.015 | 85 | 346599 | 125.696 | ug/L | | 96 |
| 3) Chloromethane | 2.229 | 50 | 475050 | 134.778 | ug/L | | 99 |
| 5) Vinyl chloride | 2.375 | 62 | 479966 | 119.995 | ug/L | | 98 |
| 6) Bromomethane | 2.789 | 94 | 265458 | 115.229 | ug/L | | 98 |
| 8) Chloroethane | 2.936 | 64 | 280663 | 116.317 | ug/L | | 96 |
| 9) Trichlorofluoromethane | 3.271 | 101 | 430242 | 122.990 | ug/L | | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070 | 101 | 359096 | 105.333 | ug/L | # | 68 |
| 12) 1,1-Dichloroethene | 4.045 | 96 | 355970 | 110.806 | ug/L | | 93 |
| 13) Acetone | 4.119 | 43 | 228234 | 184.060 | ug/L | | 99 |
| 14) Carbon disulfide | 4.393 | 76 | 1207817 | 114.884 | ug/L | | 99 |
| 15) Methyl Acetate | 4.667 | 43 | 204216 | 94.316 | ug/L | | 100 |
| 16) Methylene chloride | 4.917 | 84 | 373338 | 81.360 | ug/L | | 96 |
| 17) trans-1,2-Dichloroethene | 5.429 | 96 | 378000 | 107.170 | ug/L | | 97 |
| 18) Methyl tert-butyl Ether | 5.423 | 73 | 637284 | 106.086 | ug/L | | 99 |
| 19) 1,1-Dichloroethane | 6.216 | 63 | 778830 | 107.335 | ug/L | | 99 |
| 20) cis-1,2-Dichloroethene | 7.173 | 96 | 416338 | 108.439 | ug/L | | 96 |
| 22) 2-Butanone | 7.167 | 43 | 304763 | 187.724 | ug/L | | 99 |
| 23) Bromochloromethane | 7.514 | 128 | 169307 | 99.191 | ug/L | | 96 |
| 25) Chloroform | 7.673 | 83 | 733655 | 105.119 | ug/L | | 100 |
| 27) 1,2-Dichloroethane | 8.398 | 62 | 516243 | 99.273 | ug/L | | 99 |
| 29) Cyclohexane | 7.959 | 56 | 721330 | 121.309 | ug/L | | 99 |
| 30) 1,1,1-Trichloroethane | 7.874 | 97 | 593043 | 110.136 | ug/L | | 97 |
| 31) Carbon tetrachloride | 8.075 | 117 | 530997 | 107.275 | ug/L | | 96 |
| 33) Benzene | 8.325 | 78 | 1615917 | 109.713 | ug/L | | 100 |
| 34) Trichloroethene | 9.093 | 95 | 426883 | 110.256 | ug/L | | 92 |
| 35) Methylcyclohexane | 9.331 | 83 | 738905 | 116.370 | ug/L | | 99 |
| 37) 1,2-Dichloropropane | 9.368 | 63 | 429574 | 105.340 | ug/L | | 99 |
| 38) Bromodichloromethane | 9.642 | 83 | 531271 | 107.089 | ug/L | | 95 |
| 39) cis-1,3-Dichloropropene | 10.069 | 75 | 693402 | 113.898 | ug/L | | 96 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 595201 | 208.640 | ug/L | | 100 |
| 42) Toluene | 10.386 | 91 | 1638802 | 108.732 | ug/L | | 96 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 579339 | 111.717 | ug/L | | 100 |

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Operator : SY/MD
Sample : VSTD10062
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD100462

Quant Time: Jul 25 01:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:09:55 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 10.782 | 97 | 285161 | 98.215 | ug/L | | 94 |
| 46) Tetrachloroethene | 10.861 | 164 | 289586 | 106.528 | ug/L | | 89 |
| 48) 2-Hexanone | 10.965 | 43 | 432199 | 203.229 | ug/L | | 99 |
| 49) Dibromochloromethane | 11.123 | 129 | 321059 | 106.738 | ug/L | | 100 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 272146 | 98.774 | ug/L | | 99 |
| 51) Chlorobenzene | 11.654 | 112 | 987398 | 101.994 | ug/L | | 98 |
| 52) Ethylbenzene | 11.727 | 91 | 1897129 | 111.636 | ug/L | | 98 |
| 53) m,p-Xylene | 11.837 | 106 | 693413 | 110.957 | ug/L | | 96 |
| 54) o-Xylene | 12.166 | 106 | 651015 | 112.992 | ug/L | | 100 |
| 55) Styrene | 12.178 | 104 | 1120333 | 110.025 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83 | 345491 | 94.503 | ug/L | # | 98 |
| 59) Bromoform | 12.349 | 173 | 176374 | 98.443 | ug/L | | 96 |
| 60) Isopropylbenzene | 12.458 | 105 | 1781652 | 107.494 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 12.763 | 75 | 259430 | 92.106 | ug/L | | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.940 | 105 | 1492526 | 124.755 | ug/L | | 99 |
| 63) 1,2,4-Trimethylbenzene | 13.245 | 105 | 1476429 | 113.612 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 13.495 | 146 | 728101 | 98.672 | ug/L | | 93 |
| 65) 1,4-Dichlorobenzene | 13.574 | 146 | 721933 | 95.945 | ug/L | | 94 |
| 67) 1,2-Dichlorobenzene | 13.867 | 146 | 656450 | 98.435 | ug/L | | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75 | 60545 | 90.676 | ug/L | | 88 |
| 69) 1,3,5-Trichlorobenzene | 14.623 | 180 | 490894 | 100.985 | ug/L | | 97 |
| 70) 1,2,4-trichlorobenzene | 15.129 | 180 | 428083 | 102.030 | ug/L | | 96 |
| 71) Naphthalene | 15.360 | 128 | 877300 | 99.322 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 15.549 | 180 | 361209 | 95.190 | ug/L | | 100 |

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

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**Instrument :**
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**ClientSampleId :**
VSTD100462

Quant Time: Jul 25 01:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
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