Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070924\
Data File : VW029493.D
Acq On : 09 Jul 2024 18:59
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD025530

Quant Time: Jul 10 01:22:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 10 01:18:26 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.837 | 114 | 266180 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 254854 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 127644 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 85625 | 19.913 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 79.640% | | | |
| 7) Chloroethane-d5 | 2.899 | 69 | 67599 | 21.833 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 87.320% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 40843 | 21.152 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 84.600% | | | |
| 21) 2-Butanone-d5 | 7.075 | 46 | 59711 | 46.259 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 92.520% | | | |
| 24) Chloroform-d | 7.648 | 84 | 186382 | 24.221 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 96.880% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 112069 | 24.830 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 99.320% | | | |
| 32) Benzene-d6 | 8.276 | 84 | 363901 | 23.835 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 95.360% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.270 | 67 | 117402 | 24.051 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 96.200% | | | |
| 41) Toluene-d8 | 10.319 | 98 | 329567 | 24.546 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 98.200% | | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 48527 | 23.476 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 93.920% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 45234 | 50.995 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 102.000% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 95235 | 24.029 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 96.120% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.848 | 152 | 106538 | 23.967 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 95.880% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.015 | 85 | 45527 | 17.467 | ug/L | 96 |
| 3) Chloromethane | 2.223 | 50 | 76479 | 21.930 | ug/L | 95 |
| 5) Vinyl chloride | 2.381 | 62 | 86473 | 21.728 | ug/L | 94 |
| 6) Bromomethane | 2.789 | 94 | 54596 | 23.169 | ug/L | 94 |
| 8) Chloroethane | 2.936 | 64 | 57180 | 23.350 | ug/L | 97 |
| 9) Trichlorofluoromethane | 3.265 | 101 | 75037 | 20.946 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076 | 101 | 80954 | 22.962 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 4.045 | 96 | 77032 | 23.271 | ug/L | 96 |
| 13) Acetone | 4.119 | 43 | 52107 | 39.996 | ug/L | 97 |
| 14) Carbon disulfide | 4.393 | 76 | 247682 | 23.040 | ug/L | 99 |
| 15) Methyl Acetate | 4.673 | 43 | 57482 | 25.130 | ug/L | 98 |
| 16) Methylene chloride | 4.929 | 84 | 121710 | 25.540 | ug/L | 96 |
| 17) trans-1,2-Dichloroethene | 5.429 | 96 | 90963 | 24.823 | ug/L | 99 |
| 18) Methyl tert-butyl Ether | 5.429 | 73 | 169625 | 27.206 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 6.222 | 63 | 191659 | 25.468 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 7.173 | 96 | 104281 | 26.024 | ug/L | 97 |
| 22) 2-Butanone | 7.167 | 43 | 79257 | 46.340 | ug/L | 99 |
| 23) Bromochloromethane | 7.514 | 128 | 46571 | 25.839 | ug/L | 95 |
| 25) Chloroform | 7.679 | 83 | 185820 | 25.520 | ug/L | 98 |

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Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD025530

Quant Time: Jul 10 01:22:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 10 01:18:26 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 8.404 | 62 | 139990 | 25.633 ug/L | 98 |
| 29) Cyclohexane | 7.953 | 56 | 149728 | 23.594 ug/L | 100 |
| 30) 1,1,1-Trichloroethane | 7.874 | 97 | 139744 | 24.012 ug/L | 99 |
| 31) Carbon tetrachloride | 8.069 | 117 | 123354 | 23.144 ug/L | 99 |
| 33) Benzene | 8.325 | 78 | 407575 | 25.561 ug/L | 100 |
| 34) Trichloroethene | 9.093 | 95 | 102051 | 24.236 ug/L | 97 |
| 35) Methylcyclohexane | 9.331 | 83 | 161549 | 23.869 ug/L | 98 |
| 37) 1,2-Dichloropropane | 9.368 | 63 | 115528 | 26.201 ug/L | 100 |
| 38) Bromodichloromethane | 9.642 | 83 | 137989 | 25.621 ug/L | 95 |
| 39) cis-1,3-Dichloropropene | 10.075 | 75 | 174217 | 26.306 ug/L | 95 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 170454 | 54.851 ug/L | 99 |
| 42) Toluene | 10.386 | 91 | 421476 | 25.837 ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 145365 | 25.609 ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 10.788 | 97 | 81144 | 25.588 ug/L | 99 |
| 46) Tetrachloroethene | 10.861 | 164 | 75056 | 25.089 ug/L | 91 |
| 48) 2-Hexanone | 10.965 | 43 | 122053 | 52.280 ug/L | 97 |
| 49) Dibromochloromethane | 11.123 | 129 | 85021 | 25.763 ug/L | 98 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 78738 | 26.055 ug/L | 93 |
| 51) Chlorobenzene | 11.654 | 112 | 270860 | 25.685 ug/L | 99 |
| 52) Ethylbenzene | 11.727 | 91 | 478886 | 25.912 ug/L | 96 |
| 53) m,p-Xylene | 11.837 | 106 | 181992 | 26.824 ug/L | 96 |
| 54) o-Xylene | 12.160 | 106 | 175159 | 27.913 ug/L | 90 |
| 55) Styrene | 12.178 | 104 | 303968 | 27.547 ug/L | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83 | 103348 | 25.836 ug/L # | 94 |
| 59) Bromoform | 12.349 | 173 | 50412 | 25.585 ug/L # | 91 |
| 60) Isopropylbenzene | 12.458 | 105 | 456822 | 25.436 ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 12.763 | 75 | 76370 | 24.722 ug/L | 97 |
| 62) 1,3,5-Trimethylbenzene | 12.940 | 105 | 360027 | 28.182 ug/L | 98 |
| 63) 1,2,4-Trimethylbenzene | 13.245 | 105 | 387952 | 27.515 ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 13.495 | 146 | 201002 | 24.968 ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 13.574 | 146 | 209826 | 25.442 ug/L | 93 |
| 67) 1,2-Dichlorobenzene | 13.867 | 146 | 184855 | 25.403 ug/L | 97 |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75 | 18331 | 24.821 ug/L | 96 |
| 69) 1,3,5-Trichlorobenzene | 14.623 | 180 | 133639 | 25.447 ug/L | 98 |
| 70) 1,2,4-trichlorobenzene | 15.129 | 180 | 125068 | 27.065 ug/L | 97 |
| 71) Naphthalene | 15.360 | 128 | 264423 | 27.263 ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.549 | 180 | 109613 | 26.108 ug/L | 98 |

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

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**ClientSampleId :**
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