Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
Data File : VW024554.D
Acq On : 06 Sep 2022 12:39
Operator : SY/VA
Sample : VSTD2.531
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD2.5431

Quant Time: Sep 07 04:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 07 04:30:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 300309 | 25.000 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 11.628 | 117 | 289554 | 25.000 | ug/L | | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 146748 | 25.000 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 2.343 | 65 | 17557 | 2.832 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 2.873 | 69 | 13376 | 2.901 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 4.007 | 63 | 18614 | 2.846 | ug/L | | 0.00 |
| 21) 2-Butanone-d5 | 7.196 | 46 | 190 | 0.182 | ug/L | | 0.12 |
| 24) Chloroform-d | 7.647 | 84 | 22420 | 2.909 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 13086 | 3.035 | ug/L | | 0.00 |
| 32) Benzene-d6 | 8.275 | 84 | 40195 | 2.822 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 12401 | 2.953 | ug/L | | 0.00 |
| 41) Toluene-d8 | 10.323 | 98 | 37572 | 2.706 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 5363 | 2.850 | ug/L | | 0.00 |
| 47) 2-Hexanone-d5 | 10.927 | 63 | 4298 | 5.568 | ug/L | | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 11832 | 2.940 | ug/L | | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 13553 | 2.916 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 3) Chloromethane | 2.215 | 50 | 13380 | 2.991 | ug/L | | 95 |
| 5) Vinyl chloride | 2.349 | 62 | 22208 | 2.945 | ug/L | | 100 |
| 6) Bromomethane | 2.770 | 94 | 15190 | 3.090 | ug/L | | 90 |
| 8) Chloroethane | 2.910 | 64 | 12621 | 3.076 | ug/L | | 97 |
| 9) Trichlorofluoromethane | 3.245 | 101 | 13746 | 3.153 | ug/L | | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056 | 101 | 11292 | 2.811 | ug/L | # | 65 |
| 12) 1,1-Dichloroethene | 4.025 | 96 | 8179 | 2.382 | ug/L | | 97 |
| 13) Acetone | 4.129 | 43 | 4068 | 4.863 | ug/L | | 99 |
| 14) Carbon disulfide | 4.367 | 76 | 27939 | 3.076 | ug/L | | 98 |
| 16) Methylene chloride | 4.903 | 84 | 19576 | 4.369 | ug/L | | 92 |
| 17) trans-1,2-Dichloroethene | 5.422 | 96 | 11161 | 2.842 | ug/L | | 97 |
| 18) Methyl tert-butyl Ether | 5.428 | 73 | 18706 | 2.671 | ug/L | # | 88 |
| 19) 1,1-Dichloroethane | 6.214 | 63 | 20125 | 2.813 | ug/L | | 93 |
| 20) cis-1,2-Dichloroethene | 7.159 | 96 | 5964 | 1.352 | ug/L | # | 84 |
| 22) 2-Butanone | 7.183 | 43 | 6213 | 4.519 | ug/L | | 96 |
| 23) Bromochloromethane | 7.507 | 128 | 5419 | 2.654 | ug/L | | 93 |
| 25) Chloroform | 7.677 | 83 | 21579 | 2.715 | ug/L | | 95 |
| 27) 1,2-Dichloroethane | 8.397 | 62 | 16537 | 3.095 | ug/L | | 100 |
| 29) Cyclohexane | 7.952 | 56 | 14711 | 2.624 | ug/L | # | 93 |
| 30) 1,1,1-Trichloroethane | 7.872 | 97 | 18428 | 2.902 | ug/L | | 96 |
| 31) Carbon tetrachloride | 8.061 | 117 | 16292 | 2.809 | ug/L | | 100 |
| 33) Benzene | 8.323 | 78 | 44032 | 2.679 | ug/L | | 100 |
| 34) Trichloroethene | 9.085 | 95 | 12417 | 2.893 | ug/L | | 96 |
| 35) Methylcyclohexane | 9.329 | 83 | 17732 | 2.582 | ug/L | | 92 |
| 37) 1,2-Dichloropropane | 9.366 | 63 | 11029 | 2.687 | ug/L | | 97 |
| 38) Bromodichloromethane | 9.640 | 83 | 15480 | 2.668 | ug/L | | 99 |
| 39) cis-1,3-Dichloropropene | 10.073 | 75 | 14795 | 2.465 | ug/L | | 91 |
| 40) 4-Methyl-2-pentanone | 10.207 | 43 | 14260 | 5.267 | ug/L | | 97 |
| 42) Toluene | 10.384 | 91 | 47621 | 2.628 | ug/L | | 88 |
| 44) trans-1,3-Dichloropropene | 10.604 | 75 | 13531 | 2.387 | ug/L | | 96 |
| 45) 1,1,2-Trichloroethane | 10.786 | 97 | 9197 | 2.681 | ug/L | | 93 |
| 46) Tetrachloroethene | 10.860 | 164 | 8388 | 2.652 | ug/L | | 97 |

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

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD2.5431

Quant Time: Sep 07 04:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 07 04:30:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 48) 2-Hexanone | 10.963 | 43 | 9460 | 5.095 | ug/L | | 96 |
| 49) Dibromochloromethane | 11.128 | 129 | 9641 | 2.404 | ug/L | | 87 |
| 50) 1,2-Dibromoethane | 11.231 | 107 | 8831 | 2.653 | ug/L | # | 100 |
| 51) Chlorobenzene | 11.658 | 112 | 33841 | 2.704 | ug/L | # | 93 |
| 52) Ethylbenzene | 11.731 | 91 | 51303 | 2.494 | ug/L | | 96 |
| 53) m,p-Xylene | 11.835 | 106 | 19316 | 2.403 | ug/L | | 87 |
| 54) o-Xylene | 12.164 | 106 | 18037 | 2.357 | ug/L | | 97 |
| 55) Styrene | 12.176 | 104 | 30880 | 2.293 | ug/L | | 92 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 11826 | 2.723 | ug/L | | 95 |
| 59) Bromoform | 12.347 | 173 | 5300 | 2.485 | ug/L | | 99 |
| 60) Isopropylbenzene | 12.463 | 105 | 48762 | 2.454 | ug/L | | 98 |
| 61) 1,2,3-Trichloropropane | 12.768 | 75 | 8739 | 2.878 | ug/L | | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.938 | 105 | 37879 | 2.296 | ug/L | | 94 |
| 63) 1,2,4-Trimethylbenzene | 13.243 | 105 | 37233 | 2.267 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 13.493 | 146 | 21475 | 2.399 | ug/L | | 94 |
| 65) 1,4-Dichlorobenzene | 13.579 | 146 | 24737 | 2.621 | ug/L | | 98 |
| 67) 1,2-Dichlorobenzene | 13.865 | 146 | 20735 | 2.484 | ug/L | | 93 |
| 68) 1,2-Dibromo-3-chloropr... | 14.475 | 75 | 2404 | 3.347 | ug/L | # | 74 |
| 69) 1,3,5-Trichlorobenzene | 14.621 | 180 | 14737 | 2.534 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 15.127 | 180 | 11239 | 2.436 | ug/L | | 99 |
| 71) Naphthalene | 15.359 | 128 | 21452 | 2.101 | ug/L | | 97 |
| 72) 1,2,3-Trichlorobenzene | 15.554 | 180 | 10119 | 2.357 | ug/L | | 99 |

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

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

**Instrument :**
MSVOA_W
**ClientSampleId :**
VSTD2.5431

Quant Time: Sep 07 04:34:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 07 04:30:35 2022
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