Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
Data File : VD080160.D
Acq On : 13 Dec 2024 10:05
Operator : RP/MD
Sample : VSTD2.562
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 22:45:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 22:44:24 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD2.5862

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.781 | 114 | 193547 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.581 | 117 | 178401 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.516 | 152 | 78986 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.281 | 65 | 18422 | 2.596 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 2.805 | 69 | 14968 | 2.679 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 3.928 | 65 | 4070 | 2.664 | ug/L | 0.00 |
| 21) 2-Butanone-d5 | 6.993 | 46 | 3631m | 4.935 | ug/L | 0.00 |
| 24) Chloroform-d | 7.575 | 84 | 15471 | 2.456 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 8.228 | 65 | 9112 | 2.554 | ug/L | 0.00 |
| 32) Benzene-d6 | 8.204 | 84 | 32616 | 2.629 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 9.210 | 67 | 10766 | 2.726 | ug/L | 0.00 |
| 41) Toluene-d8 | 10.269 | 98 | 24948 | 2.299 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79 | 3848 | 2.389 | ug/L | 0.00 |
| 47) 2-Hexanone-d5 | 10.881 | 63 | 2303 | 4.224 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84 | 7838 | 2.592 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 13.810 | 152 | 8085 | 2.621 | ug/L | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.934 | 85 | 7996 | 2.628 | ug/L | 97 |
| 3) Chloromethane | 2.152 | 50 | 14696 | 2.745 | ug/L | 95 |
| 5) Vinyl chloride | 2.293 | 62 | 17499 | 2.649 | ug/L | 90 |
| 6) Bromomethane | 2.699 | 94 | 10356 | 2.671 | ug/L | 88 |
| 8) Chloroethane | 2.840 | 64 | 11121 | 2.634 | ug/L | 93 |
| 9) Trichlorofluoromethane | 3.181 | 101 | 14593 | 2.846 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.969 | 101 | 8188 | 3.020 | ug/L # | 52 |
| 12) 1,1-Dichloroethene | 3.946 | 96 | 6870 | 2.533 | ug/L | 90 |
| 13) Acetone | 4.034 | 43 | 7343 | 5.784 | ug/L | 77 |
| 14) Carbon disulfide | 4.275 | 76 | 27545 | 2.696 | ug/L | 98 |
| 15) Methyl Acetate | 4.581 | 43 | 3691m | 2.673 | ug/L | |
| 16) Methylene chloride | 4.804 | 84 | 9813 | 2.877 | ug/L | 89 |
| 17) trans-1,2-Dichloroethene | 5.334 | 96 | 7679m | 2.561 | ug/L | |
| 18) Methyl tert-butyl Ether | 5.334 | 73 | 13469m | 2.253 | ug/L | |
| 19) 1,1-Dichloroethane | 6.116 | 63 | 15174m | 2.630 | ug/L | |
| 20) cis-1,2-Dichloroethene | 7.087 | 96 | 7921 | 2.464 | ug/L | 85 |
| 22) 2-Butanone | 7.093 | 43 | 6395m | 4.951 | ug/L | |
| 23) Bromochloromethane | 7.440 | 128 | 3924 | 2.625 | ug/L | 74 |
| 25) Chloroform | 7.593 | 83 | 18046 | 2.810 | ug/L | 94 |
| 27) 1,2-Dichloroethane | 8.328 | 62 | 9484 | 2.494 | ug/L | 97 |
| 29) Cyclohexane | 7.887 | 56 | 9565 | 2.275 | ug/L | 92 |
| 30) 1,1,1-Trichloroethane | 7.798 | 97 | 13451 | 2.890 | ug/L | 95 |
| 31) Carbon tetrachloride | 7.993 | 117 | 10565 | 2.673 | ug/L | 93 |
| 33) Benzene | 8.251 | 78 | 32346 | 2.615 | ug/L | 100 |
| 34) Trichloroethene | 9.028 | 95 | 9051 | 2.887 | ug/L | 95 |
| 35) Methylcyclohexane | 9.275 | 83 | 10618 | 2.269 | ug/L | 95 |
| 37) 1,2-Dichloropropane | 9.304 | 63 | 9174 | 2.740 | ug/L | 99 |
| 38) Bromodichloromethane | 9.581 | 83 | 10696 | 2.604 | ug/L | 96 |
| 39) cis-1,3-Dichloropropene | 10.016 | 75 | 10375 | 2.201 | ug/L | 92 |
| 40) 4-Methyl-2-pentanone | 10.157 | 43 | 8251 | 4.683 | ug/L | 96 |
| 42) Toluene | 10.334 | 91 | 30027 | 2.354 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 10.551 | 75 | 9144 | 2.236 | ug/L | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
Data File : VD080160.D
Acq On : 13 Dec 2024 10:05
Operator : RP/MD
Sample : VSTD2.562
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD2.5862

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 13 22:45:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 22:44:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 10.734 | 97 | 6128 | 2.596 | ug/L | | 97 |
| 46) Tetrachloroethene | 10.810 | 164 | 6386 | 2.665 | ug/L | | 81 |
| 48) 2-Hexanone | 10.922 | 43 | 6606 | 3.909 | ug/L | # | 95 |
| 49) Dibromochloromethane | 11.069 | 129 | 6952 | 2.617 | ug/L | | 96 |
| 50) 1,2-Dibromoethane | 11.175 | 107 | 5878 | 2.690 | ug/L | # | 75 |
| 51) Chlorobenzene | 11.610 | 112 | 20824 | 2.590 | ug/L | | 92 |
| 52) Ethylbenzene | 11.681 | 91 | 31063 | 2.294 | ug/L | | 95 |
| 53) m,p-Xylene | 11.792 | 106 | 11855 | 2.332 | ug/L | | 99 |
| 54) o-Xylene | 12.122 | 106 | 10143 | 2.123 | ug/L | | 65 |
| 55) Styrene | 12.133 | 104 | 17293 | 2.012 | ug/L | | 98 |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83 | 6775 | 2.455 | ug/L | # | 93 |
| 59) Bromoform | 12.292 | 173 | 3697 | 2.665 | ug/L | | 92 |
| 60) Isopropylbenzene | 12.422 | 105 | 26740 | 2.399 | ug/L | | 96 |
| 61) 1,2,3-Trichloropropane | 12.728 | 75 | 4461 | 2.683 | ug/L | | 92 |
| 62) 1,3,5-Trimethylbenzene | 12.898 | 105 | 21015 | 2.369 | ug/L | | 100 |
| 63) 1,2,4-Trimethylbenzene | 13.210 | 105 | 20304 | 2.331 | ug/L | | 99 |
| 64) 1,3-Dichlorobenzene | 13.457 | 146 | 13990 | 2.642 | ug/L | | 96 |
| 65) 1,4-Dichlorobenzene | 13.539 | 146 | 15812 | 2.804 | ug/L | | 91 |
| 67) 1,2-Dichlorobenzene | 13.828 | 146 | 12686 | 2.614 | ug/L | | 95 |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75 | 1164 | 3.035 | ug/L | | 97 |
| 69) 1,3,5-Trichlorobenzene | 14.592 | 180 | 9550m | 2.824 | ug/L | | |
| 70) 1,2,4-trichlorobenzene | 15.098 | 180 | 7708 | 2.659 | ug/L | | 99 |
| 71) Naphthalene | 15.327 | 128 | 13030 | 2.474 | ug/L | # | 91 |
| 72) 1,2,3-Trichlorobenzene | 15.516 | 180 | 7048 | 2.650 | ug/L | | 99 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
Data File : VD080160.D
Acq On : 13 Dec 2024 10:05
Operator : RP/MD
Sample : VSTD2.562
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 22:45:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 13 22:44:24 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTD2.5862

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024