Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030045.D
Acq On : 27 Aug 2024 15:33
Operator : SY/MD
Sample : P3675-20MS
Misc : 5.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 28 01:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DCYA1MS

**Manual Integrations APPROVED**

Reviewed By :Romaben Patel 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 296522 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 267777 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 125868 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 77597 | 17.585 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 70.360% | | | |
| 7) Chloroethane-d5 | 2.899 | 69 | 54424 | 17.378 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 69.520% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.021 | 65 | 34674 | 18.392 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 73.560% | | | |
| 21) 2-Butanone-d5 | 7.088 | 46 | 50029 | 56.876 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 113.760% | | | |
| 24) Chloroform-d | 7.648 | 84 | 152265 | 19.042 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 76.160% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 85242 | 20.994 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 83.960% | | | |
| 32) Benzene-d6 | 8.276 | 84 | 304823 | 19.285 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 77.160% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.270 | 67 | 94321 | 20.368 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 81.480% | | | |
| 41) Toluene-d8 | 10.319 | 98 | 276648 | 19.230 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 76.920% | | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 39935 | 20.964 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 83.840% | | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 45236 | 63.825 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 127.660% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 86797 | 25.457 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 101.840% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.849 | 152 | 86184 | 18.930 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 75.720% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.015 | 85 | 72794m | 21.345 | ug/L | |
| 3) Chloromethane | 2.223 | 50 | 72276 | 18.230 | ug/L | 97 |
| 5) Vinyl chloride | 2.375 | 62 | 83508 | 17.820 | ug/L | 95 |
| 6) Bromomethane | 2.790 | 94 | 48432 | 16.631 | ug/L | 99 |
| 8) Chloroethane | 2.936 | 64 | 46531 | 17.232 | ug/L | 98 |
| 9) Trichlorofluoromethane | 3.265 | 101 | 72065 | 17.759 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070 | 101 | 69497 | 17.901 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 4.045 | 96 | 66682 | 17.544 | ug/L | 94 |
| 13) Acetone | 4.143 | 43 | 185047 | 230.001 | ug/L | 98 |
| 14) Carbon disulfide | 4.399 | 76 | 222690 | 18.887 | ug/L | 97 |
| 15) Methyl Acetate | 4.679 | 43 | 37523 | 23.921 | ug/L | 97 |
| 16) Methylene chloride | 4.923 | 84 | 85207 | 17.395 | ug/L | 87 |
| 17) trans-1,2-Dichloroethene | 5.429 | 96 | 75186 | 17.887 | ug/L | 97 |
| 18) Methyl tert-butyl Ether | 5.429 | 73 | 128901 | 20.052 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 6.222 | 63 | 143113 | 18.322 | ug/L | 97 |
| 20) cis-1,2-Dichloroethene | 7.173 | 96 | 80797 | 17.391 | ug/L | 93 |
| 22) 2-Butanone | 7.179 | 43 | 71073 | 61.734 | ug/L | 96 |
| 23) Bromochloromethane | 7.514 | 128 | 35826 | 18.181 | ug/L | 90 |
| 25) Chloroform | 7.673 | 83 | 142726 | 17.864 | ug/L | 99 |

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Operator : SY/MD
Sample : P3675-20MS
Misc : 5.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
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**Manual Integrations APPROVED**

Reviewed By :Romaben Patel 08/28/2024
Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 27) 1,2-Dichloroethane | 8.398 | 62 | 100358 | 19.623 | ug/L | 99 |
| 29) Cyclohexane | 7.953 | 56 | 130866 | 20.240 | ug/L | 98 |
| 30) 1,1,1-Trichloroethane | 7.874 | 97 | 113009 | 18.018 | ug/L | 99 |
| 31) Carbon tetrachloride | 8.069 | 117 | 102960 | 18.272 | ug/L | 99 |
| 33) Benzene | 8.319 | 78 | 315650 | 18.398 | ug/L | 100 |
| 34) Trichloroethene | 9.093 | 95 | 82745 | 17.911 | ug/L | 97 |
| 35) Methylcyclohexane | 9.337 | 83 | 141547 | 18.708 | ug/L | 95 |
| 37) 1,2-Dichloropropane | 9.368 | 63 | 84023 | 19.340 | ug/L | 99 |
| 38) Bromodichloromethane | 9.642 | 83 | 101898 | 18.589 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 10.075 | 75 | 126653 | 18.941 | ug/L | 97 |
| 40) 4-Methyl-2-pentanone | 10.209 | 43 | 127518 | 58.965 | ug/L | 97 |
| 42) Toluene | 10.386 | 91 | 335595 | 18.368 | ug/L | 100 |
| 44) trans-1,3-Dichloropropene | 10.605 | 75 | 106387 | 19.661 | ug/L | 100 |
| 45) 1,1,2-Trichloroethane | 10.788 | 97 | 62230 | 19.543 | ug/L | 93 |
| 46) Tetrachloroethene | 10.861 | 164 | 59336 | 16.923 | ug/L | 90 |
| 48) 2-Hexanone | 10.965 | 43 | 92091 | 59.901 | ug/L | 96 |
| 49) Dibromochloromethane | 11.123 | 129 | 67103 | 19.833 | ug/L | 94 |
| 50) 1,2-Dibromoethane | 11.233 | 107 | 63490 | 21.345 | ug/L | 97 |
| 51) Chlorobenzene | 11.654 | 112 | 202387 | 17.324 | ug/L | 95 |
| 52) Ethylbenzene | 11.727 | 91 | 371431 | 17.942 | ug/L | 97 |
| 53) m,p-Xylene | 11.837 | 106 | 138032 | 17.867 | ug/L | 97 |
| 54) o-Xylene | 12.160 | 106 | 128132 | 17.280 | ug/L | 93 |
| 55) Styrene | 12.178 | 104 | 121630 | 9.790 | ug/L | 95 |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83 | 86015 | 23.987 | ug/L | 99 |
| 59) Bromoform | 12.349 | 173 | 40815 | 21.775 | ug/L | 96 |
| 60) Isopropylbenzene | 12.459 | 105 | 358371 | 17.846 | ug/L | 99 |
| 61) 1,2,3-Trichloropropane | 12.763 | 75 | 62923 | 24.586 | ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.940 | 105 | 277863 | 18.610 | ug/L | 98 |
| 63) 1,2,4-Trimethylbenzene | 13.245 | 105 | 306184 | 19.455 | ug/L | 90 |
| 64) 1,3-Dichlorobenzene | 13.495 | 146 | 142667 | 16.665 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 13.574 | 146 | 152376 | 17.620 | ug/L | 95 |
| 67) 1,2-Dichlorobenzene | 13.861 | 146 | 136173 | 17.782 | ug/L | 94 |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75 | 14623 | 26.692 | ug/L | 96 |
| 69) 1,3,5-Trichlorobenzene | 14.623 | 180 | 79306 | 14.189 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 15.123 | 180 | 73158 | 15.124 | ug/L | 97 |
| 71) Naphthalene | 15.360 | 128 | 203172 | 21.995 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.543 | 180 | 68351 | 16.098 | ug/L | 98 |

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

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