Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
Data File : VW020054.D
Acq On : 17 Sep 2021 10:53
Operator : SY/VA
Sample : MDL7
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 11:57:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
MDL7

**Manual Integrations APPROVED**
MMDadoda
9/23/2021 11:03:09 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.847 | 114 | 283213 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 269427 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 124812 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 113138 | 24.254 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 97.000% | | | |
| 7) Chloroethane-d5 | 2.897 | 69 | 90974 | 22.659 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 90.640% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.025 | 63 | 133282 | 17.480 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 69.920% | | | |
| 21) 2-Butanone-d5 | 7.080 | 46 | 51434 | 40.306 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 80.620% | | | |
| 24) Chloroform-d | 7.653 | 84 | 189402 | 24.271 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 97.080% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 112793 | 24.536 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 98.160% | | | |
| 32) Benzene-d6 | 8.281 | 84 | 363048 | 24.697 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 98.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.280 | 67 | 108242 | 24.825 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 99.320% | | | |
| 41) Toluene-d8 | 10.329 | 98 | 325705 | 23.638 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 94.560% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 47452 | 23.659 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 94.640% | | | |
| 47) 2-Hexanone-d5 | 10.926 | 63 | 37274 | 41.846 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 83.700% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84 | 98774 | 23.027 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.120% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 110427 | 25.961 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 103.840% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.019 | 85 | 2378 | 0.810 | ug/L | 90 |
| 3) Chloromethane | 2.215 | 50 | 4306 | 1.089 | ug/L | 90 |
| 5) Vinyl chloride | 2.367 | 62 | 6544 | 1.058 | ug/L # | 64 |
| 6) Bromomethane | 2.788 | 94 | 4103 | 0.946 | ug/L | 94 |
| 8) Chloroethane | 2.940 | 64 | 3744 | 0.992 | ug/L | 90 |
| 9) Trichlorofluoromethane | 3.269 | 101 | 3048m | 0.845 | ug/L | |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068 | 101 | 5534m | 1.363 | ug/L | |
| 12) 1,1-Dichloroethene | 4.043 | 96 | 4712 | 1.226 | ug/L # | 1 |
| 13) Acetone | 4.129 | 43 | 3663 | 3.023 | ug/L | 86 |
| 14) Carbon disulfide | 4.391 | 76 | 12119 | 0.966 | ug/L | 100 |
| 15) Methyl Acetate | 4.678 | 43 | 2133 | 1.009 | ug/L # | 87 |
| 16) Methylene chloride | 4.927 | 84 | 12534 | 2.512 | ug/L | 98 |
| 17) trans-1,2-Dichloroethene | 5.433 | 96 | 3732 | 0.922 | ug/L | 97 |
| 18) Methyl tert-butyl Ether | 5.421 | 73 | 4412m | 0.872 | ug/L | |
| 19) 1,1-Dichloroethane | 6.226 | 63 | 7408 | 1.023 | ug/L | 99 |
| 20) cis-1,2-Dichloroethene | 7.171 | 96 | 3680 | 0.880 | ug/L | 78 |
| 23) Bromochloromethane | 7.512 | 128 | 1919 | 0.991 | ug/L | 91 |
| 25) Chloroform | 7.677 | 83 | 8971 | 1.179 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 8.402 | 62 | 5811 | 1.092 | ug/L | 95 |

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Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
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**Instrument :**
MSVOA_W
**ClientSampleId :**
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 29) Cyclohexane | 7.963 | 56 | 4439 | 0.732 | ug/L | | 94 |
| 30) 1,1,1-Trichloroethane | 7.884 | 97 | 6752m | 1.069 | ug/L | | |
| 31) Carbon tetrachloride | 8.073 | 117 | 6157 | 1.045 | ug/L | | 95 |
| 33) Benzene | 8.329 | 78 | 16475 | 1.016 | ug/L | | 100 |
| 34) Trichloroethene | 9.097 | 95 | 4066 | 0.947 | ug/L | | 96 |
| 35) Methylcyclohexane | 9.335 | 83 | 5576 | 0.770 | ug/L | # | 87 |
| 37) 1,2-Dichloropropane | 9.372 | 63 | 4166 | 1.061 | ug/L | | 100 |
| 38) Bromodichloromethane | 9.652 | 83 | 5574 | 1.052 | ug/L | # | 91 |
| 39) cis-1,3-Dichloropropene | 10.079 | 75 | 5434 | 0.917 | ug/L | | 99 |
| 42) Toluene | 10.390 | 91 | 22188 | 1.282 | ug/L | | 93 |
| 45) 1,1,2-Trichloroethane | 10.786 | 97 | 3327 | 1.059 | ug/L | | 94 |
| 46) Tetrachloroethene | 10.859 | 164 | 3425 | 1.031 | ug/L | | 85 |
| 48) 2-Hexanone | 10.969 | 43 | 3244 | 1.616 | ug/L | | 95 |
| 49) Dibromochloromethane | 11.128 | 129 | 3512 | 0.973 | ug/L | | 99 |
| 50) 1,2-Dibromoethane | 11.237 | 107 | 3043 | 0.985 | ug/L | # | 95 |
| 51) Chlorobenzene | 11.658 | 112 | 11228 | 1.001 | ug/L | | 97 |
| 52) Ethylbenzene | 11.731 | 91 | 16489 | 0.873 | ug/L | | 92 |
| 53) m,p-Xylene | 11.841 | 106 | 5754 | 0.800 | ug/L | | 95 |
| 54) o-Xylene | 12.170 | 106 | 5044 | 0.743 | ug/L | | 99 |
| 55) Styrene | 12.182 | 104 | 7791 | 0.668 | ug/L | | 96 |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83 | 4625 | 1.124 | ug/L | | 98 |
| 59) Bromoform | 12.359 | 173 | 1573 | 0.833 | ug/L | # | 82 |
| 60) Isopropylbenzene | 12.469 | 105 | 12201 | 0.737 | ug/L | | 97 |
| 61) 1,2,3-Trichloropropane | 12.774 | 75 | 3024 | 1.036 | ug/L | # | 91 |
| 62) 1,3,5-Trimethylbenzene | 12.944 | 105 | 10496 | 0.779 | ug/L | | 99 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 10030 | 0.758 | ug/L | | 98 |
| 64) 1,3-Dichlorobenzene | 13.499 | 146 | 7247 | 0.952 | ug/L | | 90 |
| 65) 1,4-Dichlorobenzene | 13.578 | 146 | 8062 | 1.039 | ug/L | | 96 |
| 67) 1,2-Dichlorobenzene | 13.865 | 146 | 7699 | 1.110 | ug/L | | 90 |
| 69) 1,3,5-Trichlorobenzene | 14.627 | 180 | 5080 | 0.965 | ug/L | | 95 |
| 70) 1,2,4-trichlorobenzene | 15.127 | 180 | 3952 | 0.958 | ug/L | | 95 |
| 71) Naphthalene | 15.365 | 128 | 6395 | 0.726 | ug/L | # | 93 |
| 72) 1,2,3-Trichlorobenzene | 15.554 | 180 | 3522 | 0.910 | ug/L | | 98 |

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

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