Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
Data File : VN065902.D
Acq On : 17 Feb 2021 15:46
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** IBLK

Quant Time: Feb 18 01:45:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 7.627 | 168 | 179672 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.550 | 114 | 298371 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.376 | 117 | 268536 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152 | 95981 | 50.00 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.991 | 65 | 114653 | 45.63 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 91.26% | | | | |
| 35) Dibromofluoromethane | 7.550 | 113 | 89030 | 48.21 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 96.42% | | | | |
| 50) Toluene-d8 | 10.058 | 98 | 373854 | 49.32 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 98.64% | | | | |
| 62) 4-Bromofluorobenzene | 12.373 | 95 | 123138 | 43.27 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 86.54% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.846 | 85 | 820 | 0.35 | ug/l | | 93 |
| 4) Vinyl Chloride | 2.181 | 62 | 672 | 0.23 | ug/l | | 98 |
| 5) Bromomethane | 2.544 | 94 | 923 | 0.52 | ug/l | # | 68 |
| 7) Trichlorofluoromethane | 2.997 | 101 | 847 | 0.23 | ug/l | | 84 |
| 9) 1,1,2-Trichlorotrifluo... | 3.721 | 101 | 685 | 0.36 | ug/l | # | 52 |
| 13) Acrolein | 3.576 | 56 | 535 | 1.67 | ug/l | | 92 |
| 17) Carbon Disulfide | 4.013 | 76 | 6955 | 1.21 | ug/l | # | 94 |
| 36) 1,1-Dichloropropene | 7.749 | 75 | 1221 | 0.42 | ug/l | # | 58 |
| 39) Methylcyclohexane | 9.045 | 83 | 1712 | 0.52 | ug/l | | 94 |
| 44) Trichloroethene | 8.801 | 130 | 886 | 0.40 | ug/l | | 70 |
| 51) 4-Methyl-2-Pentanone | 9.958 | 43 | 1719 | 0.67 | ug/l | # | 76 |
| 52) Toluene | 10.122 | 92 | 1352 | 0.24 | ug/l | | 94 |
| 53) t-1,3-Dichloropropene | 10.357 | 75 | 677 | 2.16 | ug/l | # | 87 |
| 59) 2-Hexanone | 10.730 | 43 | 1759 | 0.96 | ug/l | | 83 |
| 64) Tetrachloroethene | 10.605 | 164 | 1048 | 0.51 | ug/l | | 94 |
| 65) Chlorobenzene | 11.399 | 112 | 1896 | 0.34 | ug/l | | 93 |
| 67) Ethyl Benzene | 11.482 | 91 | 3326 | 0.33 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.589 | 106 | 2683 | 0.71 | ug/l | | 93 |
| 69) o-Xylene | 11.920 | 106 | 842 | 0.23 | ug/l | | 66 |
| 70) Styrene | 11.939 | 104 | 2155 | 0.36 | ug/l | | 89 |
| 73) Isopropylbenzene | 12.222 | 105 | 3886 | 0.50 | ug/l | | 91 |
| 74) N-amyl acetate | 12.048 | 43 | 623 | 0.23 | ug/l | # | 49 |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83 | 747 | 0.32 | ug/l | # | 94 |
| 77) Bromobenzene | 12.492 | 156 | 932 | 0.52 | ug/l | | 62 |
| 78) n-propylbenzene | 12.563 | 91 | 5690 | 0.64 | ug/l | | 95 |
| 79) 2-Chlorotoluene | 12.643 | 91 | 3300 | 0.59 | ug/l | | 92 |
| 80) 1,3,5-Trimethylbenzene | 12.704 | 105 | 3724 | 0.56 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 12.743 | 91 | 3860 | 0.68 | ug/l | | 89 |
| 83) tert-Butylbenzene | 12.965 | 119 | 3226 | 0.59 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 13.010 | 105 | 4006 | 0.60 | ug/l | | 91 |
| 85) sec-Butylbenzene | 13.142 | 105 | 5274 | 0.74 | ug/l | | 94 |
| 86) p-Isopropyltoluene | 13.260 | 119 | 5043 | 0.78 | ug/l | | 94 |
| 87) 1,3-Dichlorobenzene | 13.251 | 146 | 2843 | 0.90 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.588 | 91 | 6220 | 1.14 | ug/l | | 93 |
| 90) Hexachloroethane | 13.849 | 117 | 542 | 0.49 | ug/l | # | 44 |
| 91) 1,2-Dichlorobenzene | 13.627 | 146 | 2817 | 0.89 | ug/l | | 95 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 93) | 1,2,4-Trichlorobenzene | 14.884 | 180 | 3121 | 4.19 | ug/l | 93 |
| 94) | Hexachlorobutadiene | 14.977 | 225 | 3209 | 4.35 | ug/l | 99 |
| 95) | Naphthalene | 15.103 | 128 | 11600 | 5.01 | ug/l | 96 |
| 96) | 1,2,3-Trichlorobenzene | 15.280 | 180 | 4594 | 4.73 | ug/l | 93 |

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

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