Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
Data File : VN073997.D
Acq On : 18 Aug 2022 12:07
Operator : JC\MD
Sample : N4241-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TRE-1630

Quant Time: Aug 18 21:48:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.016 | 168 | 739845 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.904 | 114 | 1094917 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.686 | 117 | 1068081 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.616 | 152 | 587470 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.369 | 65 | 341897 | 47.446 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 94.900% | | | |
| 35) Dibromofluoromethane | 7.951 | 113 | 331886 | 51.255 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 102.500% | | | |
| 50) Toluene-d8 | 10.381 | 98 | 1180357 | 47.067 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 94.140% | | | |
| 62) 4-Bromofluorobenzene | 12.669 | 95 | 506885 | 60.902 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 121.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.263 | 50 | 1737 | 0.266 | ug/l | 91 |
| 5) Bromomethane | 2.834 | 94 | 2271 | 0.434 | ug/l # | 70 |
| 11) Tert butyl alcohol | 5.281 | 59 | 75821 | 47.039 | ug/l | 99 |
| 13) Acrolein | 3.981 | 56 | 14982 | 13.279 | ug/l | 99 |
| 16) Acetone | 4.216 | 43 | 11459299 | 3370.651 | ug/l | 95 |
| 17) Carbon Disulfide | 4.446 | 76 | 8052 | 0.580 | ug/l | 99 |
| 18) Methyl Acetate | 4.781 | 43 | 57807 | 4.488 | ug/l | 98 |
| 20) Methylene Chloride | 5.016 | 84 | 39831 | 5.552 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 6.304 | 63 | 11870 | 1.040 | ug/l | 95 |
| 25) 2-Butanone | 7.257 | 43 | 253208 | 46.972 | ug/l | 99 |
| 30) Chloroform | 7.745 | 83 | 6783 | 0.531 | ug/l # | 72 |
| 37) Ethyl Acetate | 7.334 | 43 | 922665 | 84.679 | ug/l | 96 |
| 40) Benzene | 8.387 | 78 | 65196 | 2.297 | ug/l | 99 |
| 42) 1,2-Dichloroethane | 8.463 | 62 | 4964 | 0.509 | ug/l | 87 |
| 44) Trichloroethene | 9.151 | 130 | 8055 | 0.982 | ug/l | 93 |
| 51) 4-Methyl-2-Pentanone | 10.269 | 43 | 190007 | 18.105 | ug/l | 99 |
| 52) Toluene | 10.445 | 92 | 196439 | 10.092 | ug/l | 98 |
| 67) Ethyl Benzene | 11.786 | 91 | 88159 | 2.335 | ug/l | 100 |
| 68) m/p-Xylenes | 11.886 | 106 | 148796 | 9.701 | ug/l | 100 |
| 69) o-Xylene | 12.216 | 106 | 112594 | 7.320 | ug/l | 98 |
| 73) Isopropylbenzene | 12.522 | 105 | 22408 | 0.524 | ug/l | 97 |
| 78) n-propylbenzene | 12.863 | 91 | 50935 | 1.117 | ug/l | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.998 | 105 | 97313 | 2.797 | ug/l | 100 |
| 83) tert-Butylbenzene | 13.263 | 119 | 10608 | 0.331 | ug/l | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.310 | 105 | 577344 | 16.616 | ug/l | 80 |
| 85) sec-Butylbenzene | 13.439 | 105 | 26044 | 0.628 | ug/l | 89 |
| 86) p-Isopropyltoluene | 13.557 | 119 | 35352 | 1.000 | ug/l | 94 |
| 89) n-Butylbenzene | 13.880 | 91 | 29550 | 1.055 | ug/l # | 74 |
| 95) Naphthalene | 15.433 | 128 | 600620 | 14.598 | ug/l | 99 |

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

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