Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111819\
Data File : VN059293.D
Acq On : 18 Nov 2019 18:40
Operator : JC/SP
Sample : K5900-16 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** 30725

Quant Time: Nov 19 08:52:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.64 | 168 | 442666 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 678418 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.40 | 117 | 594078 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 325597 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.00 | 65 | 249371 | 45.83 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.66% | | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 200087 | 49.39 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.78% | | | | |
| 50) Toluene-d8 | 10.08 | 98 | 831481 | 52.11 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.22% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 293356 | 50.99 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.98% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 8) Diethyl Ether | 3.39 | 74 | 5781 | 2.024 | ug/l | | 91 |
| 11) Tert butyl alcohol | 4.76 | 59 | 432774 | 417.319 | ug/l | | 98 |
| 16) Acetone | 3.79 | 43 | 676592 | 239.105 | ug/l | | 97 |
| 17) Carbon Disulfide | 4.02 | 76 | 27043 | 2.110 | ug/l | | 98 |
| 18) Methyl Acetate | 4.30 | 43 | 60829 | 9.057 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 5.01 | 73 | 82978 | 5.837 | ug/l | # | 40 |
| 25) 2-Butanone | 6.81 | 43 | 249238 | 66.831 | ug/l | | 98 |
| 29) Tetrahydrofuran | 7.20 | 42 | 6728 | 2.839 | ug/l | # | 87 |
| 31) Cyclohexane | 7.63 | 56 | 28887 | 3.410 | ug/l | # | 51 |
| 39) Methylcyclohexane | 9.07 | 83 | 21369 | 2.904 | ug/l | | 97 |
| 40) Benzene | 8.02 | 78 | 1537752 | 80.529 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.15 | 43 | 25357 | 2.255 | ug/l | # | 64 |
| 51) 4-Methyl-2-Pentanone | 9.97 | 43 | 191947 | 30.163 | ug/l | | 98 |
| 52) Toluene | 10.15 | 92 | 4656333 | 406.831 | ug/l | # | 71 |
| 67) Ethyl Benzene | 11.51 | 91 | 1510849 | 73.531 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.62 | 106 | 2134226 | 277.291 | ug/l | | 88 |
| 69) o-Xylene | 11.95 | 106 | 817937 | 109.966 | ug/l | | 98 |
| 73) Isopropylbenzene | 12.25 | 105 | 33902 | 1.431 | ug/l | | 100 |
| 78) n-propylbenzene | 12.59 | 91 | 40466 | 1.492 | ug/l | | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 57946 | 2.887 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 164399 | 8.467 | ug/l | | 98 |
| 95) Naphthalene | 15.13 | 128 | 75582 | 7.252 | ug/l | | 98 |

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

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