Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021220\
Data File : VX014933.D
Acq On : 12 Feb 2020 18:02
Operator : JC/SP
Sample : L1432-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** OD-COMP

Quant Time: Feb 13 11:33:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 465978 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 722384 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 697051 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 378277 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 259426 | 49.33 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.66% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 217309 | 48.93 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.86% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 879286 | 51.87 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.74% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 342459 | 56.08 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 112.16% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 11) Tert butyl alcohol | 3.03 | 59 | 50742 | 54.647 | ug/l | | 100 |
| 16) Acetone | 2.44 | 43 | 8950151 | 3301.642 | ug/l | | 93 |
| 17) Carbon Disulfide | 2.56 | 76 | 10781 | 0.903 | ug/l | | 98 |
| 18) Methyl Acetate | 2.76 | 43 | 667639 | 126.053 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.15 | 96 | 1972 | 0.418 | ug/l | # | 68 |
| 25) 2-Butanone | 4.65 | 43 | 501985 | 140.209 | ug/l | | 98 |
| 31) Cyclohexane | 5.58 | 56 | 3990 | 0.537 | ug/l | # | 76 |
| 37) Ethyl Acetate | 4.81 | 43 | 836258 | 124.079 | ug/l | | 99 |
| 39) Methylcyclohexane | 7.46 | 83 | 13315 | 1.648 | ug/l | | 91 |
| 40) Benzene | 6.14 | 78 | 54498 | 2.823 | ug/l | | 91 |
| 44) Trichloroethene | 7.21 | 130 | 2258 | 0.403 | ug/l | | 69 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 2223184 | 331.161 | ug/l | | 99 |
| 52) Toluene | 8.78 | 92 | 7290189 | 594.501 | ug/l | | 92 |
| 67) Ethyl Benzene | 10.25 | 91 | 917899 | 38.175 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.35 | 106 | 1379797 | 148.963 | ug/l | | 98 |
| 69) o-Xylene | 10.69 | 106 | 529327 | 59.448 | ug/l | | 100 |
| 70) Styrene | 10.71 | 104 | 142905 | 9.487 | ug/l | # | 48 |
| 73) Isopropylbenzene | 11.01 | 105 | 77669 | 3.274 | ug/l | | 96 |
| 78) n-propylbenzene | 11.35 | 91 | 217708 | 7.935 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 248481 | 12.536 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.76 | 119 | 5929 | 0.316 | ug/l | | 95 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1002687 | 50.196 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 119156 | 5.110 | ug/l | | 92 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 146448 | 6.712 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 6618 | 0.557 | ug/l | # | 74 |
| 88) 1,4-Dichlorobenzene | 12.09 | 146 | 7572 | 0.624 | ug/l | # | 1 |
| 89) n-Butylbenzene | 12.38 | 91 | 278755 | 14.264 | ug/l | # | 48 |
| 95) Naphthalene | 13.83 | 128 | 423856 | 18.541 | ug/l | # | 91 |

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

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