Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026308.D
Acq On : 05 Jan 2022 06:29
Operator : JC/MD
Sample : N1005-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Jan 05 07:15:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
MAHW-SB

**Manual Integrations APPROVED**

Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 152346 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 252410 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.061 | 117 | 216726 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.073 | 152 | 61186 | 50.000 | ug/l | 0.05 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 106564 | 48.350 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 96.700% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 80620 | 49.129 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 98.260% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 294981 | 48.327 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 96.660% | | | |
| 62) 4-Bromofluorobenzene | 11.091 | 95 | 113692 | 52.322 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.640% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 2.965 | 59 | 334618 | 760.131 | ug/l # | 94 |
| 13) Acrolein | 2.252 | 56 | 2554 | 16.225 | ug/l # | 75 |
| 16) Acetone | 2.380 | 43 | 1286906 | 1077.667 | ug/l | 96 |
| 18) Methyl Acetate | 2.703 | 43 | 132482 | 34.203 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 19181 | 3.255 | ug/l | 98 |
| 20) Methylene Chloride | 2.794 | 84 | 9133 | 3.912 | ug/l | 93 |
| 25) 2-Butanone | 4.562 | 43 | 445035 | 267.536 | ug/l | 98 |
| 43) Isopropyl Acetate | 6.354 | 43 | 67537m | 13.503 | ug/l | |
| 49) 1,4-Dioxane | 7.684 | 88 | 58833 | 1330.902 | ug/l # | 63 |
| 51) 4-Methyl-2-Pentanone | 8.580 | 43 | 73693m | 23.676 | ug/l | |
| 52) Toluene | 8.720 | 92 | 64559 | 13.883 | ug/l | 100 |
| 59) 2-Hexanone | 9.445 | 43 | 25810m | 10.947 | ug/l | |
| 67) Ethyl Benzene | 10.201 | 91 | 55763 | 6.550 | ug/l | 97 |
| 68) m/p-Xylenes | 10.305 | 106 | 120054 | 37.770 | ug/l | 94 |
| 69) o-Xylene | 10.652 | 106 | 60820 | 19.556 | ug/l | 94 |
| 73) Isopropylbenzene | 10.969 | 105 | 8837 | 1.858 | ug/l | 99 |
| 78) n-propylbenzene | 11.311 | 91 | 69264 | 12.667 | ug/l # | 62 |
| 80) 1,3,5-Trimethylbenzene | 11.469 | 105 | 51592 | 13.072 | ug/l | 96 |
| 84) 1,2,4-Trimethylbenzene | 11.774 | 105 | 181962 | 46.140 | ug/l | 86 |

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

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