Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010620\
Data File : BN009314.D
Acq On : 06 Jan 2020 16:52
Operator : JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD160511

**Manual Integrations APPROVED**
mohammad
1/7/2020 12:30:12 PM

Quant Time: Jan 06 17:33:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 244060 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.25 | 136 | 1100022 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.12 | 164 | 724792 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.87 | 188 | 1544124 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.09 | 240 | 1278894 | 20.00 | ng/ul | 0.02 |
| 86) Perylene-d12 | 23.20 | 264 | 1157164 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.70 | 99 | 3715765 | 160.80 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.85 | 67 | 2340043 | 168.84 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.22 | 113 | 2958074 | 156.59 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 10.39 | 131 | 2807880 | 136.83 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 47) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 52) 4-Nitrophenol-d4 | 14.39 | 143 | 1705908 | 177.27 | ng/ul | 0.05 |
| 58) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 63) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 1711562 | 181.70 | ng/ul | 0.04 |
| 71) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 79) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 90) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.65 | 77 | 1385707m | 92.756 | ng/ul | |
| 6) Phenol | 6.73 | 94 | 3811129 | 159.712 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 6.94 | 93 | 2871554 | 155.301 | ng/ul | 96 |
| 11) 2-Methylphenol | 7.95 | 108 | 2874538 | 162.017 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.03 | 45 | 6369106 | 299.082 | ng/ul | 98 |
| 14) Acetophenone | 8.32 | 105 | 4378960 | 153.715 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.30 | 108 | 3053687 | 155.027 | ng/ul | 93 |
| 30) 4-Chloroaniline | 10.42 | 127 | 2794088 | 134.905 | ng/ul | 99 |
| 32) Caprolactam | 11.27 | 113 | 1016943m | 162.751 | ng/ul | |
| 38) Hexachlorocyclopentadiene | 12.28 | 237 | 2350492 | 266.248 | ng/ul | 97 |
| 49) 3-Nitroaniline | 14.06 | 138 | 1574659 | 151.211 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.27 | 184 | 1342209 | 217.677 | ng/ul | 92 |
| 53) 4-Nitrophenol | 14.40 | 109 | 1402207 | 182.734 | ng/ul | 93 |
| 61) 4-Nitroaniline | 15.25 | 138 | 1844146m | 160.383 | ng/ul | |
| 64) 4,6-Dinitro-2-methylphenol | 15.30 | 198 | 1770422 | 175.969 | ng/ul# | 98 |
| 68) Atrazine | 16.39 | 200 | 2674587 | 160.261 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.54 | 266 | 1907656 | 181.140 | ng/ul | 94 |
| 75) Carbazole | 17.29 | 167 | 11339376 | 151.884 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.01 | 252 | 4070908 | 143.392 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.87 | 149 | 13014422 | 208.158 | ng/ul | 100 |

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

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