Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
Data File : BM033663.D
Acq On : 06 Jan 2022 14:24
Operator : CG/JU
Sample : SSTD16023
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 06 15:20:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 15:17:08 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160023

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.984 | 152 | 199998 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.807 | 136 | 877345 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.624 | 164 | 580269 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.359 | 188 | 1223969 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.530 | 240 | 929486 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.959 | 264 | 839807 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.749 | 84 | 2270326 | 147.128 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.148 | 99 | 2782084 | 146.904 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.313 | 67 | 1611396 | 129.968 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.707 | 113 | 2274839 | 153.462 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.000 | 128 | 0d | 0.000 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.000 | 165 | 0d | 0.000 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.942 | 131 | 3180504 | 155.414 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 0.000 | 166 | 0d | 0.000 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.000 | 160 | 0d | 0.000 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.836 | 143 | 1336626 | 169.793 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.742 | 200 | 1277722 | 172.960 | ng/ul | 0.03 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.000 | ng/ul | |
| 81) Pyrene-d10 | 0.000 | 212 | 0d | 0.000 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.000 | 264 | 0d | 0.000 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Pyridine | 3.772 | 79 | 2297948 | 144.593 | ng/ul | 86 |
| 6) Benzaldehyde | 7.113 | 77 | 1274615 | 120.806 | ng/ul | 84 |
| 8) Phenol | 7.178 | 94 | 2799383 | 143.505 | ng/ul# | 86 |
| 10) Bis(2-Chloroethyl)ether | 7.413 | 93 | 2114543 | 144.089 | ng/ul | 91 |
| 13) 2-Methylphenol | 8.437 | 108 | 2153509 | 152.268 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.531 | 45 | 2876057 | 113.579 | ng/ul# | 94 |
| 16) Acetophenone | 8.825 | 105 | 3387687 | 137.959 | ng/ul# | 87 |
| 18) 4-Methylphenol | 8.789 | 108 | 2342700 | 151.399 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.972 | 127 | 3160242 | 153.648 | ng/ul | 98 |
| 34) Caprolactam | 11.801 | 113 | 766560m | 162.678 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.819 | 237 | 1895167 | 166.088 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.536 | 138 | 1143772 | 139.637 | ng/ul | 86 |
| 53) 2,4-Dinitrophenol | 14.736 | 184 | 978538 | 200.095 | ng/ul | 86 |
| 55) 4-Nitrophenol | 14.854 | 109 | 1250402 | 146.963 | ng/ul | 84 |
| 63) 4-Nitroaniline | 15.701 | 138 | 902140 | 107.252 | ng/ul | 87 |
| 66) 4,6-Dinitro-2-methylph... | 15.760 | 198 | 1231938 | 167.410 | ng/ul# | 93 |
| 70) Atrazine | 16.842 | 200 | 2260327 | 158.291 | ng/ul | 100 |
| 71) Pentachlorophenol | 17.012 | 266 | 1628025 | 204.398 | ng/ul | 97 |
| 77) Carbazole | 17.765 | 167 | 8890713 | 137.407 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.442 | 252 | 2792190 | 132.167 | ng/ul | 96 |
| 89) Di-n-octyl phthalate | 22.377 | 149 | 11073421 | 179.840 | ng/ul | 100 |

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

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