Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
Data File : BP012322.D
Acq On : 25 Oct 2022 19:20
Operator : CG/JU
Sample : SSTD16091
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 10:08:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 10:05:01 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD160608

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 334815 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 1523352 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.469 | 164 | 938755 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 2010520 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.327 | 240 | 1735652 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.721 | 264 | 2118671 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.670 | 84 | 3671487 | 154.475 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.005 | 99 | 4596769 | 158.610 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.164 | 67 | 2542593 | 144.864 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.552 | 113 | 3585799 | 158.924 | 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 | 10.775 | 131 | 4593641 | 141.709 | ng/ul | 0.01 |
| 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 | 14.722 | 143 | 1919819 | 159.089 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 200 | 1833444 | 165.570 | 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 | 3.693 | 79 | 3569248 | 152.964 | ng/ul | 98 |
| 6) Benzaldehyde | 6.964 | 77 | 1747170 | 129.720 | ng/ul | 98 |
| 8) Phenol | 7.034 | 94 | 4643905 | 153.616 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.258 | 93 | 3528057 | 144.415 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.275 | 108 | 3558989 | 155.824 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.358 | 45 | 4611809 | 142.122 | ng/ul | 97 |
| 16) Acetophenone | 8.663 | 105 | 4883406 | 139.595 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.628 | 108 | 3784757 | 151.534 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.805 | 127 | 4554444 | 136.368 | ng/ul | 99 |
| 34) Caprolactam | 11.669 | 113 | 1314127m | 178.615 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.628 | 237 | 2492051 | 172.735 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.404 | 138 | 2219518 | 163.726 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.616 | 184 | 1566440 | 203.989 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.740 | 109 | 1496883 | 166.903 | ng/ul | 81 |
| 63) 4-Nitroaniline | 15.592 | 138 | 1867757m | 148.509 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.640 | 198 | 1853808 | 158.837 | ng/ul# | 95 |
| 70) Atrazine | 16.716 | 200 | 2830725 | 141.476 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.881 | 266 | 2447812 | 163.862 | ng/ul | 98 |
| 77) Carbazole | 17.651 | 167 | 11949080 | 127.636 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.251 | 252 | 5601280 | 149.191 | ng/ul# | 98 |
| 89) Di-n-octyl phthalate | 22.145 | 149 | 15508741 | 109.267 | ng/ul | 100 |

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