Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018909.D
Acq On : 18 Dec 2023 16:26
Operator : MA/JU
Sample : 05794-22 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG3

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 18 23:24:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 277797 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 1004749 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.463 | 164 | 574987 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 1176548 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.304 | 240 | 1159288 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.674 | 264 | 1407190 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 859 | 0.105 | ng/uL | 0.01 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.005 | 99 | 13964 | 0.501 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.169 | 67 | 9591 | 0.580 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.363 | 132 | 11812 | 0.543 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.546 | 113 | 11298 | 0.501 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.993 | 128 | 5322 | 0.595 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 5268 | 0.568 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.251 | 165 | 9516 | 0.502 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.775 | 131 | 5386m | 0.217 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 33169 | 0.646 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.151 | 160 | 37587 | 0.665 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.675 | 143 | 211 | 0.025 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.451 | 176 | 30025 | 0.697 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 450 | 0.064 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.310 | 188 | 48441 | 0.783 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.551 | 212 | 56102 | 0.622 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.521 | 264 | 57277 | 0.698 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.251 | 178 | 371315 | 5.226 | ng/ul | 100 |
| 74) Anthracene | 17.345 | 178 | 87379 | 1.227 | ng/ul | 98 |
| 80) Fluoranthene | 19.227 | 202 | 586694m | 5.500 | ng/ul | |
| 82) Pyrene | 19.580 | 202 | 517622 | 4.810 | ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 234634 | 2.494 | ng/ul | 97 |
| 87) Chrysene | 21.339 | 228 | 239417 | 2.763 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 22.951 | 252 | 253421 | 2.443 | ng/ul# | 91 |
| 93) Benzo(a)pyrene | 23.562 | 252 | 186869 | 1.971 | ng/ul# | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 26.127 | 276 | 126309 | 1.115 | ng/ul | 94 |

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

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