Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020848.D
Acq On : 09 Jul 2024 02:36
Operator : MA/JU
Sample : P3035-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CW9

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 03:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.722 | 152 | 225833 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.493 | 136 | 937204 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.357 | 164 | 631616 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.169 | 188 | 1329315 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.616 | 240 | 1210973 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.957 | 264 | 1417183 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 16965 | 3.226 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 20870m | 1.362 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.916 | 99 | 395880 | 21.373 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 240019 | 20.440 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.269 | 132 | 330306 | 21.820 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.434 | 113 | 326418 | 21.698 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.881 | 128 | 162119 | 23.430 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.587 | 143 | 186807 | 26.978 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.128 | 165 | 328234 | 23.013 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.640 | 131 | 317026 | 15.860 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.757 | 166 | 1047566 | 23.854 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.045 | 160 | 1161493 | 22.165 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.598 | 143 | 146529 | 21.838 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.369 | 176 | 892565 | 24.153 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200 | 136684 | 20.404 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.275 | 188 | 1393902 | 23.364 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.651 | 212 | 1462484 | 20.103 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.727 | 264 | 1112484 | 16.138 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.216 | 178 | 267621 | 3.845 | ng/ul | 99 |
| 80) Fluoranthene | 19.304 | 202 | 562018 | 6.324 | ng/ul | 100 |
| 82) Pyrene | 19.686 | 202 | 421011 | 4.620 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.592 | 228 | 268858 | 3.168 | ng/ul | 96 |
| 86) Bis(2-ethylhexyl)phtha... | 21.522 | 149 | 175673 | 3.343 | ng/ul | 99 |
| 87) Chrysene | 21.663 | 228 | 277535 | 3.459 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.892 | 252 | 386018 | 4.496 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.963 | 252 | 118748m | 1.367 | ng/ul | |
| 93) Benzo(a)pyrene | 24.798 | 252 | 145713 | 1.798 | ng/ul | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 28.721 | 276 | 133231m | 1.282 | ng/ul | |

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

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