Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017418.D
Acq On : 28 Sep 2023 17:31
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EZYF5

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

Quant Time: Sep 28 23:17:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 15:31:53 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 99426 | 20.000 | ng/ul | | 0.01 |
| 20) Naphthalene-d8 | 10.810 | 136 | 403003 | 20.000 | ng/ul | | 0.02 |
| 38) Acenaphthene-d10 | 14.669 | 164 | 235893 | 20.000 | ng/ul | | 0.02 |
| 64) Phenanthrene-d10 | 17.457 | 188 | 512246 | 20.000 | ng/ul | | 0.02 |
| 79) Chrysene-d12 | 21.586 | 240 | 499213 | 20.000 | ng/ul | # | 0.01 |
| 88) Perylene-d12 | 24.180 | 264 | 617901 | 20.000 | ng/ul | | 0.03 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 8259 | 3.412 | ng/uL | | 0.00 |
| 4) Pyridine-d5 | 3.758 | 84 | 15707m | 2.321 | ng/ul | | 0.02 |
| 7) Phenol-d5 | 7.122 | 99 | 146119 | 17.894 | ng/ul | | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.304 | 67 | 90537 | 18.372 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.487 | 132 | 122109 | 18.854 | ng/ul | | 0.01 |
| 15) 4-Methylphenol-d8 | 8.693 | 113 | 73175 | 11.526 | ng/ul | | 0.02 |
| 21) Nitrobenzene-d5 | 9.181 | 128 | 60111 | 20.632 | ng/ul | | 0.02 |
| 24) 2-Nitrophenol-d4 | 9.898 | 143 | 63869 | 20.189 | ng/ul | | 0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.428 | 165 | 110646 | 18.513 | ng/ul | | 0.02 |
| 31) 4-Chloroaniline-d4 | 10.981 | 131 | 114649 | 13.242 | ng/ul | | 0.02 |
| 46) Dimethylphthalate-d6 | 14.075 | 166 | 338831 | 20.051 | ng/ul | | 0.01 |
| 49) Acenaphthylene-d8 | 14.363 | 160 | 392249 | 20.182 | ng/ul | | 0.02 |
| 54) 4-Nitrophenol-d4 | 14.910 | 143 | 28194 | 9.577 | ng/ul | | 0.03 |
| 60) Fluorene-d10 | 15.669 | 176 | 306780 | 21.087 | ng/ul | | 0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.822 | 200 | 15466 | 5.357 | ng/ul | | 0.03 |
| 73) Anthracene-d10 | 17.557 | 188 | 466298 | 20.525 | ng/ul | | 0.02 |
| 81) Pyrene-d10 | 19.804 | 212 | 573089 | 21.229 | ng/ul | | 0.01 |
| 92) Benzo(a)pyrene-d12 | 24.009 | 264 | 610785 | 20.531 | ng/ul | | 0.03 |
| Target Compounds | | | | | | | Qvalue |
| 8) Phenol | 7.152 | 94 | 10255 | 1.249 | ng/ul | | 98 |
| 16) Acetophenone | 8.828 | 105 | 45645 | 4.653 | ng/ul | | 99 |
| 69) Hexachlorobenzene | 16.716 | 284 | 7039 | 1.179 | ng/ul# | | 87 |
| 72) Phenanthrene | 17.498 | 178 | 69299 | 2.583 | ng/ul | | 98 |
| 80) Fluoranthene | 19.474 | 202 | 179352 | 5.697 | ng/ul | | 99 |
| 82) Pyrene | 19.833 | 202 | 173864 | 5.195 | ng/ul | | 99 |
| 85) Benzo(a)anthracene | 21.568 | 228 | 152225 | 4.518 | ng/ul# | | 84 |
| 87) Chrysene | 21.627 | 228 | 149689 | 4.721 | ng/ul# | | 82 |
| 90) Benzo(b)fluoranthene | 23.374 | 252 | 224365 | 6.159 | ng/ul# | | 64 |
| 91) Benzo(k)fluoranthene | 23.427 | 252 | 80682 | 2.195 | ng/ul# | | 35 |
| 93) Benzo(a)pyrene | 24.062 | 252 | 170444 | 4.890 | ng/ul# | | 62 |
| 94) Indeno(1,2,3-cd)pyrene | 26.933 | 276 | 120861 | 2.766 | ng/ul# | | 79 |
| 96) Benzo(g,h,i)perylene | 27.792 | 276 | 109474 | 3.107 | ng/ul# | | 71 |

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

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