Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020660.D
Acq On : 27 Jun 2024 13:40
Operator : MA/JU
Sample : P2909-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4B42

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 14:51:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.740 | 152 | 191874 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.516 | 136 | 765828 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.387 | 164 | 491926 | 20.000 | ng/ul | 0.02 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 942822 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.651 | 240 | 632657 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.009 | 264 | 736530 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 13953 | 3.123 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 50413 | 3.871 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.928 | 99 | 317190 | 20.155 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.087 | 67 | 196714 | 19.717 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.287 | 132 | 267506 | 20.799 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.440 | 113 | 230342 | 18.022 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.899 | 128 | 133594 | 23.628 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.610 | 143 | 147540 | 26.076 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.140 | 165 | 274637 | 23.564 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.663 | 131 | 96424 | 5.903 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 13.787 | 166 | 921603 | 26.945 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.075 | 160 | 999257 | 24.484 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.592 | 143 | 108780 | 20.816 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.392 | 176 | 768884 | 26.714 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 200 | 112735 | 23.727 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.292 | 188 | 1038372 | 24.540 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.674 | 212 | 891862 | 23.465 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.792 | 264 | 524553 | 14.641 | ng/ul | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.233 | 178 | 303108 | 6.139 | ng/ul | 100 |
| 74) Anthracene | 17.328 | 178 | 55605 | 1.095 | ng/ul | 98 |
| 80) Fluoranthene | 19.327 | 202 | 559649 | 12.055 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 335242 | 7.041 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.633 | 228 | 222069 | 5.008 | ng/ul | 96 |
| 86) Bis(2-ethylhexyl)phtha... | 21.569 | 149 | 49175 | 1.791 | ng/ul# | 97 |
| 87) Chrysene | 21.704 | 228 | 236498 | 5.642 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.951 | 252 | 314999 | 7.060 | ng/ul# | 94 |
| 91) Benzo(k)fluoranthene | 24.010 | 252 | 129279m | 2.864 | ng/ul | |
| 93) Benzo(a)pyrene | 24.862 | 252 | 93156 | 2.212 | ng/ul# | 92 |
| 94) Indeno(1,2,3-cd)pyrene | 28.821 | 276 | 108625m | 2.011 | ng/ul | |

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

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