Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016326.D
Acq On : 19 Jul 2023 15:55
Operator : MA/JU
Sample : 03501-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A46X6

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:00:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 101252 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.775 | 136 | 464230 | 20.000 | ng/ul | 0.02 |
| 38) Acenaphthene-d10 | 14.604 | 164 | 337520 | 20.000 | ng/ul | 0.01 |
| 64) Phenanthrene-d10 | 17.369 | 188 | 804764 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.463 | 240 | 900540 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.957 | 264 | 930241 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 6551 | 2.290 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.705 | 84 | 30441m | 4.266 | ng/ul | -0.02 |
| 7) Phenol-d5 | 7.181 | 99 | 78338 | 8.566 | ng/ul | 0.05 |
| 9) Bis-(2-Chloroethyl)eth... | 7.293 | 67 | 85402 | 13.810 | ng/ul | 0.02 |
| 11) 2-Chlorophenol-d4 | 7.504 | 132 | 80348 | 12.170 | ng/ul | 0.03 |
| 15) 4-Methylphenol-d8 | 8.810 | 113 | 22781m | 3.092 | ng/ul | 0.12 |
| 21) Nitrobenzene-d5 | 9.181 | 128 | 44046 | 13.753 | ng/ul | 0.05 |
| 24) 2-Nitrophenol-d4 | 9.916 | 143 | 57614m | 15.784 | ng/ul | 0.05 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 65282m | 10.328 | ng/ul | 0.12 |
| 31) 4-Chloroaniline-d4 | 11.116 | 131 | 10299m | 1.017 | ng/ul | 0.18 |
| 46) Dimethylphthalate-d6 | 14.028 | 166 | 429829 | 16.695 | ng/ul | 0.02 |
| 49) Acenaphthylene-d8 | 14.304 | 160 | 372252 | 13.193 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 15.022 | 143 | 45239m | 8.610 | ng/ul | 0.10 |
| 60) Fluorene-d10 | 15.610 | 176 | 378964 | 17.588 | ng/ul | 0.02 |
| 65) 4,6-Dinitro-2-methylph... | 15.822 | 200 | 39857m | 8.579 | ng/ul | 0.04 |
| 73) Anthracene-d10 | 17.475 | 188 | 389637 | 11.069 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.710 | 212 | 289284 | 6.191 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.798 | 264 | 114799 | 2.570 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 7.210 | 94 | 17502m | 1.785 | ng/ul | |
| 16) Acetophenone | 8.851 | 105 | 33285 | 2.740 | ng/ul | 97 |
| 72) Phenanthrene | 17.410 | 178 | 115797 | 2.762 | ng/ul | 98 |
| 80) Fluoranthene | 19.386 | 202 | 219787 | 4.022 | ng/ul | 97 |
| 82) Pyrene | 19.745 | 202 | 63865 | 1.095 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.451 | 228 | 110716 | 1.888 | ng/ul# | 93 |
| 86) Bis(2-ethylhexyl)phtha... | 21.321 | 149 | 294426 | 7.833 | ng/ul | 99 |
| 87) Chrysene | 21.504 | 228 | 106972 | 1.801 | ng/ul# | 91 |
| 90) Benzo(b)fluoranthene | 23.204 | 252 | 124748 | 2.348 | ng/ul | 98 |

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

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