Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
Data File : BP022262.D
Acq On : 07 Oct 2024 20:06
Operator : RC/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD160626

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

Quant Time: Oct 08 02:06:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 00:58:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.704 | 152 | 101921 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.469 | 136 | 403196 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.322 | 164 | 311863 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.116 | 188 | 770738 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 832041 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.833 | 264 | 981972 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.634 | 84 | 1122933 | 150.978 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.899 | 99 | 1426776 | 171.133 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.052 | 67 | 770491 | 150.083 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.422 | 113 | 1122897 | 169.970 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.000 | 128 | 0d | 0.000 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.000 | 165 | 0d | 0.000 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.604 | 131 | 1374813 | 155.063 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 0.000 | 166 | 0d | 0.000 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.000 | 160 | 0d | 0.000 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.563 | 143 | 683160 | 165.672 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200 | 875649 | 182.995 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.000 | ng/ul | |
| 81) Pyrene-d10 | 0.000 | 212 | 0d | 0.000 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.000 | 264 | 0d | 0.000 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Pyridine | 3.652 | 79 | 1122161 | 148.503 | ng/ul | 97 |
| 6) Benzaldehyde | 6.863 | 77 | 528447 | 112.047 | ng/ul | 99 |
| 8) Phenol | 6.928 | 94 | 1471854 | 169.166 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.146 | 93 | 1047957 | 157.368 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.151 | 108 | 1070152 | 169.591 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.216 | 45 | 1146403 | 185.574 | ng/ul | 98 |
| 16) Acetophenone | 8.528 | 105 | 1755006 | 159.704 | ng/ul | 92 |
| 18) 4-Methylphenol | 8.487 | 108 | 1158194 | 168.311 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.628 | 127 | 1367936 | 155.783 | ng/ul | 97 |
| 34) Caprolactam | 11.445 | 113 | 399335m | 178.316 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.475 | 237 | 1136395 | 156.248 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.239 | 138 | 712464 | 168.586 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.445 | 184 | 668740 | 211.734 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.581 | 109 | 735100 | 157.572 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.422 | 138 | 627979 | 146.000 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.475 | 198 | 920061 | 176.610 | ng/ul# | 94 |
| 70) Atrazine | 16.592 | 200 | 1135989 | 125.445 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.763 | 266 | 1271559 | 169.580 | ng/ul | 97 |
| 77) Carbazole | 17.539 | 167 | 5507526 | 151.955 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.457 | 252 | 3012427 | 158.127 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.721 | 149 | 7620379 | 157.090 | ng/ul | 100 |

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

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD160626

**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100724\
Data File : BP022262.D
Acq On : 07 Oct 2024 20:06
Operator : RC/JU
Sample : SSTD16048
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 02:06:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 00:58:42 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD160626

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024