

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\  
 Data File : BN011656.D  
 Acq On : 27 Aug 2020 10:14  
 Operator : CG/JU  
 Sample : SSTDIC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDIC0.2

Manual Integrations  
 APPROVED

mohammad  
 8/28/2020 1:32:48 PM

Quant Time: Aug 27 11:28:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 27 11:24:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 1953     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 7537     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.38 | 164  | 4439     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 9884     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12          | 21.32 | 240  | 10857    | 0.40 | ng    | 0.00     |
| 36) Perylene-d12          | 23.58 | 264  | 11350    | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.34  | 112 | 1243 | 0.20 | ng | 0.00 |
| 5) Phenol-d6                | 6.91  | 99  | 1650 | 0.19 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.88  | 82  | 1595 | 0.24 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 2961 | 0.21 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 467  | 0.19 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.00 | 172 | 4209 | 0.24 | ng | 0.00 |
| 27) Fluoranthene-d10        | 19.16 | 212 | 7046 | 0.22 | ng | 0.00 |
| 31) Terphenyl-d14           | 19.77 | 244 | 6082 | 0.22 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.29  | 88  | 677   | 0.224  | ng | 96   |
| 3) n-Nitrosodimethylamine      | 3.59  | 42  | 825   | 0.259  | ng | # 92 |
| 6) bis(2-Chloroethyl)ether     | 7.17  | 93  | 1360  | 0.217  | ng | 97   |
| 9) Naphthalene                 | 10.58 | 128 | 4604  | 0.215  | ng | 97   |
| 10) Hexachlorobutadiene        | 10.87 | 225 | 1038  | 0.231  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 12.20 | 142 | 3338  | 0.211  | ng | 98   |
| 16) Acenaphthylene             | 14.10 | 152 | 4630  | 0.198  | ng | 99   |
| 17) Acenaphthene               | 14.45 | 154 | 3222  | 0.217  | ng | 99   |
| 18) Fluorene                   | 15.44 | 166 | 4171  | 0.217  | ng | 98   |
| 20) 4,6-Dinitro-2-methylphenol | 15.51 | 198 | 298   | 0.261  | ng | # 63 |
| 21) 4-Bromophenyl-phenylether  | 16.32 | 248 | 1274  | 0.221  | ng | 98   |
| 22) Hexachlorobenzene          | 16.43 | 284 | 1601  | 0.240  | ng | 99   |
| 23) Atrazine                   | 16.59 | 200 | 1089  | 0.191  | ng | 94   |
| 24) Pentachlorophenol          | 16.77 | 266 | 660   | 0.224  | ng | 98   |
| 25) Phenanthrene               | 17.17 | 178 | 7140  | 0.233  | ng | 100  |
| 26) Anthracene                 | 17.26 | 178 | 6138  | 0.203  | ng | 100  |
| 28) Fluoranthene               | 19.20 | 202 | 8276  | 0.222  | ng | 100  |
| 30) Pyrene                     | 19.56 | 202 | 8400  | 0.218  | ng | 99   |
| 32) Benzo(a)anthracene         | 21.31 | 228 | 8495  | 0.217  | ng | 100  |
| 33) Chrysene                   | 21.36 | 228 | 8925  | 0.239  | ng | 99   |
| 34) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 3443  | 0.124  | ng | 99   |
| 35) Indeno(1,2,3-cd)pyrene     | 25.86 | 276 | 11628 | 0.255  | ng | 99   |
| 37) Benzo(b)fluoranthene       | 22.91 | 252 | 9653  | 0.235  | ng | # 95 |
| 38) Benzo(k)fluoranthene       | 22.95 | 252 | 9885m | 0.242  | ng |      |
| 39) Benzo(a)pyrene             | 23.48 | 252 | 8421  | 0.220  | ng | # 92 |
| 40) Dibenzo(a,h)anthracene     | 25.88 | 278 | 9582  | 0.239  | ng | 96   |
| 41) Benzo(g,h,i)perylene       | 26.55 | 276 | 9435  | 0.243  | ng | 95   |

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

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