

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN072618\  
 Data File : BN002170.D  
 Acq On : 26 Jul 2018 11:55  
 Operator : JU/SJ  
 Sample : J4086-25  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 1536

Quant Time: Jul 27 01:39:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN072518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 26 18:27:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 217094   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 832986   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.32 | 164  | 412265   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.07 | 188  | 781510   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 749429   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.50 | 264  | 807835   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 1954384 | 144.93 | ng | 0.00 |
| 7) Phenol-d6             | 6.88  | 99  | 2633436 | 139.16 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.85  | 82  | 1661477 | 102.29 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.82 | 330 | 735279  | 137.35 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.94 | 172 | 3324889 | 105.05 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.70 | 244 | 3715020 | 103.39 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 4) n-Nitrosodimethylamine      | 3.58  | 42  | 509670  | 81.026  | ng | # 72   |
| 11) bis(2-Chloroethyl)ether    | 7.13  | 93  | 1159402 | 73.436  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.59  | 146 | 2572146 | 144.321 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 946080  | 51.889  | ng | 97     |
| 24) Nitrobenzene               | 8.89  | 77  | 2393252 | 142.171 | ng | 95     |
| 31) Naphthalene                | 10.52 | 128 | 7123291 | 169.442 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.80 | 225 | 1182292 | 129.270 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 4745174 | 160.043 | ng | 95     |
| 40) Hexachlorocyclopentadiene  | 12.48 | 237 | 849281  | 108.477 | ng | 94     |
| 46) 2-Chloronaphthalene        | 13.20 | 162 | 4429421 | 158.181 | ng | 98     |
| 48) Acenaphthylene             | 14.05 | 152 | 4503745 | 105.988 | ng | 98     |
| 50) 2,6-Dinitrotoluene         | 13.91 | 165 | 1011501 | 132.949 | ng | 92     |
| 51) Acenaphthene               | 14.39 | 154 | 1322493 | 51.668  | ng | 98     |
| 54) Dibenzofuran               | 14.73 | 168 | 4382335 | 105.600 | ng | 96     |
| 56) 2,4-Dinitrotoluene         | 14.70 | 165 | 1533072 | 148.472 | ng | 89     |
| 57) Fluorene                   | 15.38 | 166 | 3389422 | 108.361 | ng | 97     |
| 59) Diethylphthalate           | 15.16 | 149 | 4727012 | 135.616 | ng | 99     |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204 | 1781883 | 102.951 | ng | 96     |
| 66) 4-Bromophenyl-phenylether  | 16.27 | 248 | 601208  | 65.714  | ng | 93     |
| 67) Hexachlorobenzene          | 16.38 | 284 | 581299  | 57.444  | ng | 98     |
| 70) Phenanthrene               | 17.12 | 178 | 5245675 | 122.971 | ng | 99     |
| 71) Anthracene                 | 17.21 | 178 | 5647041 | 133.746 | ng | 99     |
| 73) Di-n-butylphthalate        | 18.05 | 149 | 5338440 | 108.025 | ng | 99     |
| 74) Fluoranthene               | 19.13 | 202 | 4208929 | 90.876  | ng | 97     |
| 77) Pyrene                     | 19.50 | 202 | 5863483 | 113.452 | ng | 99     |
| 79) Butylbenzylphthalate       | 20.41 | 149 | 2940791 | 130.718 | ng | 93     |
| 84) Di-n-octyl phthalate       | 22.07 | 149 | 6772325 | 136.147 | ng | 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 25.73 | 276 | 738114  | 17.408  | ng | # 66   |
| 87) Benzo(b)fluoranthene       | 22.84 | 252 | 5337689 | 111.957 | ng | 98     |
| 88) Benzo(k)fluoranthene       | 22.88 | 252 | 4857455 | 103.452 | ng | # 98   |
| 89) Benzo(a)pyrene             | 23.40 | 252 | 3923654 | 88.121  | ng | # 97   |
| 90) Dibenzo(a,h)anthracene     | 25.74 | 278 | 3151257 | 75.382  | ng | # 95   |
| 91) Benzo(g,h,i)perylene       | 26.43 | 276 | 5782659 | 143.137 | ng | # 96   |

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

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