Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086304.D
Acq On : 20 Apr 2016 12:38
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
4/21/2016 7:08:01 PM

Quant Time: Apr 20 13:07:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 12:38:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	262334	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1076909	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	469649	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	730151	20.00	ng		0.00
75) Chrysene-d12	14.02	240	411573	20.00	ng		0.00
86) Perylene-d12	15.45	264	464191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1758817	109.85	ng		0.00
7) Phenol-d6	6.50	99	2158975	107.80	ng		0.00
23) Nitrobenzene-d5	7.44	82	1970271	105.52	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	394804	104.69	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2600072	102.16	ng		0.00
78) Terphenyl-d14	12.97	244	1847211	112.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	487046	55.16	ng		97
3) Pyridine	3.20	79	1299980	56.46	ng		99
4) n-Nitrosodimethylamine	3.15	42	473047	56.87	ng	#	75
6) Aniline	6.53	93	1527821	52.93	ng		96
8) 2-Chlorophenol	6.65	128	945193	52.18	ng		96
9) Benzaldehyde	6.41	77	746450	52.54	ng		91
10) Phenol	6.52	94	1195530	50.13	ng	#	68
11) bis(2-Chloroethyl)ether	6.60	93	1070888	59.69	ng		85
12) 1,3-Dichlorobenzene	6.81	146	1093365	56.89	ng		95
13) 1,4-Dichlorobenzene	6.89	146	1161969	63.46	ng		96
14) 1,2-Dichlorobenzene	7.04	146	885809m	54.51	ng		
15) Benzyl Alcohol	7.01	79	710813	50.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1557174	55.70	ng		93
17) 2-Methylphenol	7.13	107	865169	57.33	ng		98
18) Hexachloroethane	7.38	117	358104	51.85	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	636343	49.65	ng		98
20) 3+4-Methylphenols	7.29	107	840313	49.71	ng	#	72
22) Acetophenone	7.29	105	1207065	53.24	ng	#	92
24) Nitrobenzene	7.46	77	1212508	59.39	ng		98
25) Isophorone	7.70	82	2133491	57.58	ng		98
26) 2-Nitrophenol	7.77	139	561612	63.10	ng		88
27) 2,4-Dimethylphenol	7.81	122	999887	55.63	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	1127741	51.77	ng		99
29) 2,4-Dichlorophenol	8.01	162	789770	57.79	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	840186	58.75	ng		98
31) Naphthalene	8.18	128	2911423	60.54	ng		99
32) Benzoic acid	7.95	122	706044	61.45	ng		96
33) 4-Chloroaniline	8.22	127	1193345	55.52	ng		99
34) Hexachlorobutadiene	8.29	225	384272	53.63	ng		99
35) Caprolactam	8.61	113	292149	59.05	ng	#	64
36) 4-Chloro-3-methylphenol	8.70	107	878251	55.46	ng		93
37) 2-Methylnaphthalene	8.86	142	1565967	50.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	719510	66.03	ng	#	96
40) Hexachlorocyclopentadiene	9.01	237	174271	31.48	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086304.D
Acq On : 20 Apr 2016 12:38
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
sohil
4/21/2016 7:08:01 PM

Quant Time: Apr 20 13:07:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 12:38:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	499669	54.01	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	528002	59.08	ng	#	91
45) 1,1'-Biphenyl	9.33	154	1923695	56.90	ng		97
46) 2-Chloronaphthalene	9.36	162	1500773	54.37	ng		98
47) 2-Nitroaniline	9.45	65	554885	62.05	ng		95
48) Acenaphthylene	9.77	152	2258934	51.43	ng		99
49) Dimethylphthalate	9.64	163	2044107	59.86	ng		99
50) 2,6-Dinitrotoluene	9.70	165	473199	62.62	ng		99
51) Acenaphthene	9.94	154	1347692	51.37	ng		100
52) 3-Nitroaniline	9.86	138	544284	59.28	ng		99
53) 2,4-Dinitrophenol	9.96	184	90808	37.56	ng	#	78
54) Dibenzofuran	10.11	168	1850929	53.42	ng		93
55) 4-Nitrophenol	10.02	139	369564	51.45	ng		87
56) 2,4-Dinitrotoluene	10.10	165	587456	60.73	ng	#	91
57) Fluorene	10.45	166	1318480	45.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	366236	56.42	ng		98
59) Diethylphthalate	10.33	149	1871350	53.09	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	645461	54.34	ng		90
61) 4-Nitroaniline	10.48	138	499888	62.99	ng		89
62) Azobenzene	10.60	77	1840111	53.36	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	140713	40.49	ng		88
65) n-Nitrosodiphenylamine	10.57	169	1330191	59.49	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	424138	62.33	ng	#	83
67) Hexachlorobenzene	11.00	284	434979	61.00	ng	#	82
68) Atrazine	11.09	200	384280	56.08	ng		98
69) Pentachlorophenol	11.20	266	264986	61.28	ng		97
70) Phenanthrene	11.41	178	1952998	56.00	ng		100
71) Anthracene	11.47	178	2109588	55.42	ng		98
72) Carbazole	11.62	167	1936879	58.40	ng		99
73) Di-n-butylphthalate	11.95	149	2448106	54.59	ng		99
74) Fluoranthene	12.59	202	1723511	48.25	ng		98
76) Benzidine	12.73	184	986995	61.82	ng		99
77) Pyrene	12.82	202	1671779	52.95	ng		99
79) Butylbenzylphthalate	13.45	149	969440	66.46	ng		92
80) Benzo(a)anthracene	14.01	228	1184150	52.41	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	847204	64.69	ng	#	96
82) Chrysene	14.05	228	1320288	54.80	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1009813	64.11	ng		100
84) Di-n-octyl phthalate	14.61	149	1938137	63.84	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1467968	74.13	ng		96
87) Benzo(b)fluoranthene	15.04	252	1358482m	47.44	ng		
88) Benzo(k)fluoranthene	15.07	252	1426852m	54.64	ng		
89) Benzo(a)pyrene	15.39	252	1386384	55.89	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	1209478	55.17	ng		96
91) Benzo(g,h,i)perylene	17.27	276	1213924	52.08	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086304.D
Acq On : 20 Apr 2016 12:38
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 20 13:07:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 12:38:25 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
4/21/2016 7:08:01 PM