Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094316.D
Acq On : 10 Apr 2017 17:32
Operator : SJ/MA
Sample : PB98146BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:14 PM

Quant Time: Apr 11 01:49:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164271	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	657723	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	299031	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	513158	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	382441	20.00	ng		-0.01
86) Perylene-d12	16.18	264	272297	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.41	112	1233107	126.79	ng		0.02
7) Phenol-d6	5.48	99	1558879	129.56	ng		0.02
23) Nitrobenzene-d5	6.49	82	995406	86.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	333438	141.11	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1784105	91.00	ng		-0.02
78) Terphenyl-d14	13.29	244	1447882	84.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	164964	35.30	ng		95
3) Pyridine	2.73	79	480801	37.76	ng		99
4) n-Nitrosodimethylamine	2.69	42	223352	42.63	ng		89
6) Aniline	5.46	93	334144	19.96	ng		95
8) 2-Chlorophenol	5.62	128	479835	44.88	ng		98
9) Benzaldehyde	5.33	77	164846	20.29	ng		97
10) Phenol	5.50	94	578350	42.24	ng		88
11) bis(2-Chloroethyl)ether	5.55	93	468344	43.77	ng		98
12) 1,3-Dichlorobenzene	5.77	146	520204	43.38	ng		98
13) 1,4-Dichlorobenzene	5.86	146	525489	43.27	ng		96
14) 1,2-Dichlorobenzene	6.03	146	476816	42.63	ng		98
15) Benzyl Alcohol	6.02	79	371461	42.18	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	616243	37.38	ng		50
17) 2-Methylphenol	6.18	107	394673	43.11	ng		96
18) Hexachloroethane	6.43	117	186915	43.79	ng	#	87
19) n-Nitroso-di-n-propylamine	6.33	70	353317	45.69	ng		96
20) 3+4-Methylphenols	6.36	107	556990	50.23	ng	#	61
22) Acetophenone	6.32	105	682457	46.56	ng	#	85
24) Nitrobenzene	6.52	77	495561	43.60	ng		95
25) Isophorone	6.80	82	885307	43.72	ng		95
26) 2-Nitrophenol	6.89	139	276916	51.09	ng		98
27) 2,4-Dimethylphenol	6.97	122	442408	47.37	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	580087	43.44	ng		99
29) 2,4-Dichlorophenol	7.20	162	416596	47.70	ng		96
30) 1,2,4-Trichlorobenzene	7.28	180	410259	45.61	ng		99
31) Naphthalene	7.37	128	1378463	43.59	ng		100
32) Benzoic acid	7.16	122	256646	41.28	ng		98
33) 4-Chloroaniline	7.44	127	144919	11.31	ng		95
34) Hexachlorobutadiene	7.52	225	202126	43.82	ng		99
35) Caprolactam	7.89	113	131928m	47.37	ng		
36) 4-Chloro-3-methylphenol	8.08	107	431380	47.27	ng		87
37) 2-Methylnaphthalene	8.22	142	956652	45.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	356473	43.58	ng		98
40) Hexachlorocyclopentadiene	8.41	237	361448	94.42	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094316.D
Acq On : 10 Apr 2017 17:32
Operator : SJ/MA
Sample : PB98146BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:14 PM

Quant Time: Apr 11 01:49:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	275837	47.66	ng		98
43) 2,4,5-Trichlorophenol	8.63	196	275603	44.01	ng		96
45) 1,1'-Biphenyl	8.79	154	1057367	43.84	ng		98
46) 2-Chloronaphthalene	8.81	162	840469	44.52	ng		96
47) 2-Nitroaniline	8.94	65	250784	44.78	ng		87
48) Acenaphthylene	9.32	152	1317236	41.98	ng		99
49) Dimethylphthalate	9.18	163	1002611	47.17	ng		99
50) 2,6-Dinitrotoluene	9.25	165	229269	47.05	ng		91
51) Acenaphthene	9.53	154	791129	43.21	ng		100
52) 3-Nitroaniline	9.45	138	102848	17.97	ng		89
53) 2,4-Dinitrophenol	9.59	184	208402	79.93	ng	#	71
54) Dibenzofuran	9.74	168	1107938	44.45	ng		98
55) 4-Nitrophenol	9.73	139	469262m	104.72	ng		
56) 2,4-Dinitrotoluene	9.74	165	262210	42.84	ng	#	60
57) Fluorene	10.16	166	857435	41.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	205690	47.87	ng		97
59) Diethylphthalate	10.05	149	963056	45.84	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	368631	41.86	ng		91
61) 4-Nitroaniline	10.21	138	226181	41.19	ng		96
62) Azobenzene	10.36	77	923795	46.48	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	150747	47.97	ng	#	76
65) n-Nitrosodiphenylamine	10.32	169	809366	45.61	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	234978	46.56	ng		96
67) Hexachlorobenzene	10.84	284	238992	46.78	ng	#	91
68) Atrazine	10.99	200	235896	44.38	ng		95
69) Pentachlorophenol	11.10	266	208604	65.60	ng		97
70) Phenanthrene	11.34	178	1270690	44.51	ng		99
71) Anthracene	11.40	178	1302130	44.30	ng		99
72) Carbazole	11.61	167	1229340	40.79	ng		99
73) Di-n-butylphthalate	12.05	149	1474788	47.05	ng		99
74) Fluoranthene	12.80	202	1293457	44.25	ng		99
76) Benzidine	12.97	184	364290	24.07	ng	#	92
77) Pyrene	13.07	202	1306054	47.06	ng		100
79) Butylbenzylphthalate	13.89	149	620555	52.47	ng	#	85
80) Benzo(a)anthracene	14.55	228	1034355	46.38	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	201121	25.23	ng		97
82) Chrysene	14.59	228	895255	43.26	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	829978	51.44	ng	#	98
84) Di-n-octyl phthalate	15.36	149	1366247	50.69	ng		97
85) Indeno(1,2,3-cd)pyrene	17.50	276	749417	41.81	ng		99
87) Benzo(b)fluoranthene	15.78	252	829370	49.69	ng		98
88) Benzo(k)fluoranthene	15.82	252	715788m	43.83	ng		
89) Benzo(a)pyrene	16.13	252	711504	46.29	ng		98
90) Dibenzo(a,h)anthracene	17.53	278	619232	47.57	ng		99
91) Benzo(g,h,i)perylene	17.90	276	645687	49.22	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094316.D
Acq On : 10 Apr 2017 17:32
Operator : SJ/MA
Sample : PB98146BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 11 01:49:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB98146BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:14 PM