Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109695.D
Acq On : 9 Oct 2018 15:19
Operator : JU/SJ
Sample : PB113600BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113600BSD

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:03 AM

Quant Time: Oct 09 16:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86347	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	373764	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	186391	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	361476	20.00	ng		0.00
75) Chrysene-d12	13.83	240	275010	20.00	ng		0.00
86) Perylene-d12	15.23	264	227147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	666313	136.97	ng		0.01
7) Phenol-d6	6.36	99	848441	130.56	ng		0.00
23) Nitrobenzene-d5	7.26	82	577385	85.15	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	258318	127.19	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1117324	82.56	ng		0.00
78) Terphenyl-d14	12.79	244	1089493	76.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	92360	36.177	ng		98
3) Pyridine	3.21	79	187295	35.559	ng		95
4) n-Nitrosodimethylamine	3.14	42	86828	45.671	ng		99
6) Aniline	6.37	93	261440	34.536	ng	#	76
8) 2-Chlorophenol	6.49	128	262493	43.875	ng		94
9) Benzaldehyde	6.25	77	74072	17.713	ng		97
10) Phenol	6.37	94	303712	40.758	ng		85
11) bis(2-Chloroethyl)ether	6.44	93	217019	35.129	ng		98
12) 1,3-Dichlorobenzene	6.64	146	277368	40.535	ng		99
13) 1,4-Dichlorobenzene	6.72	146	307545	41.231	ng		99
14) 1,2-Dichlorobenzene	6.87	146	283327	43.252	ng		99
15) Benzyl Alcohol	6.85	79	203362	42.212	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	333549	40.718	ng		89
17) 2-Methylphenol	6.97	107	207624	43.885	ng		96
18) Hexachloroethane	7.20	117	107758	40.872	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	186131	40.843	ng		99
20) 3+4-Methylphenols	7.12	107	256156	43.939	ng	#	86
22) Acetophenone	7.11	105	376570	41.664	ng		100
24) Nitrobenzene	7.28	77	278217	39.433	ng		98
25) Isophorone	7.52	82	515038	45.743	ng		100
26) 2-Nitrophenol	7.60	139	140244	42.496	ng		97
27) 2,4-Dimethylphenol	7.65	122	226841	47.599	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	323311	42.452	ng		99
29) 2,4-Dichlorophenol	7.85	162	234052	43.785	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	235053	39.722	ng		99
31) Naphthalene	8.00	128	803731	46.497	ng		100
32) Benzoic acid	7.80	122	119948	35.204	ng		92
33) 4-Chloroaniline	8.06	127	219915	28.890	ng		98
34) Hexachlorobutadiene	8.12	225	142301	38.676	ng		99
35) Caprolactam	8.43	113	66144m	41.433	ng		
36) 4-Chloro-3-methylphenol	8.55	107	244176	43.274	ng		98
37) 2-Methylnaphthalene	8.69	142	522811	46.174	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	241260	38.025	ng		98
40) Hexachlorocyclopentadiene	8.85	237	239213	85.554	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109695.D
Acq On : 9 Oct 2018 15:19
Operator : JU/SJ
Sample : PB113600BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:03 AM

Quant Time: Oct 09 16:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149511	39.419	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	172817	39.627	ng		98
45) 1,1'-Biphenyl	9.16	154	632129	37.963	ng		99
46) 2-Chloronaphthalene	9.18	162	490457	39.315	ng		99
47) 2-Nitroaniline	9.28	65	155025	41.041	ng		94
48) Acenaphthylene	9.59	152	786282	43.234	ng		100
49) Dimethylphthalate	9.46	163	562580	41.154	ng		99
50) 2,6-Dinitrotoluene	9.52	165	125592	42.384	ng		95
51) Acenaphthene	9.76	154	433587	40.217	ng		99
52) 3-Nitroaniline	9.69	138	95025	28.608	ng		99
53) 2,4-Dinitrophenol	9.80	184	89876	94.009	ng		95
54) Dibenzofuran	9.93	168	662154	40.973	ng		99
55) 4-Nitrophenol	9.87	139	138732	76.304	ng		96
56) 2,4-Dinitrotoluene	9.93	165	154117	41.676	ng		97
57) Fluorene	10.27	166	526306	43.610	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	156905	44.260	ng		99
59) Diethylphthalate	10.16	149	561273	41.439	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	248086	38.965	ng		97
61) 4-Nitroaniline	10.31	138	126762	41.208	ng		97
62) Azobenzene	10.43	77	574971	41.803	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	66591	37.849	ng		98
65) n-Nitrosodiphenylamine	10.39	169	483052	39.420	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	162060	39.019	ng		92
67) Hexachlorobenzene	10.82	284	173209	38.512	ng	#	91
68) Atrazine	10.92	200	155502	40.662	ng		98
69) Pentachlorophenol	11.02	266	166408	65.754	ng		99
70) Phenanthrene	11.23	178	765461	42.315	ng		99
71) Anthracene	11.28	178	825107	44.124	ng		100
72) Carbazole	11.44	167	723218	39.876	ng		100
73) Di-n-butylphthalate	11.77	149	859092	40.840	ng		100
74) Fluoranthene	12.41	202	824620	43.635	ng		99
76) Benzidine	12.54	184	398966	39.053	ng		97
77) Pyrene	12.64	202	820255	40.709	ng		100
79) Butylbenzylphthalate	13.26	149	360460	41.263	ng		98
80) Benzo(a)anthracene	13.83	228	659631	43.465	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	176437	28.873	ng		100
82) Chrysene	13.86	228	651845	40.892	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	442873	41.554	ng		99
84) Di-n-octyl phthalate	14.42	149	747176	44.353	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	496680	43.531	ng		100
87) Benzo(b)fluoranthene	14.84	252	544651	43.390	ng		98
88) Benzo(k)fluoranthene	14.86	252	537498	42.617	ng		99
89) Benzo(a)pyrene	15.17	252	500116	43.904	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	407030	43.508	ng		97
91) Benzo(g,h,i)perylene	16.99	276	414796	44.401	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109695.D
Acq On : 9 Oct 2018 15:19
Operator : JU/SJ
Sample : PB113600BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 16:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB113600BSD

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:03 AM