Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109034.D
Acq On : 15 Sep 2018 9:34
Operator : JU/SJ
Sample : PB112873BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:44 PM

Quant Time: Sep 17 03:31:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146101	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	546167	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	261738	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	486423	20.00	ng		0.00
75) Chrysene-d12	13.85	240	280012	20.00	ng		0.00
86) Perylene-d12	15.25	264	351410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	761491	86.57	ng		0.01
7) Phenol-d6	6.36	99	982757	86.64	ng		0.00
23) Nitrobenzene-d5	7.28	82	893036	91.71	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	250900	88.33	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1559215	93.33	ng		0.00
78) Terphenyl-d14	12.81	244	1448109	122.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	151891	36.274	ng		93
3) Pyridine	3.16	79	422222	38.037	ng		92
4) n-Nitrosodimethylamine	3.10	42	197379	47.082	ng	#	93
6) Aniline	6.38	93	530730	36.200	ng	#	88
8) 2-Chlorophenol	6.51	128	417883	42.450	ng		96
9) Benzaldehyde	6.26	77	177829	24.547	ng		98
10) Phenol	6.37	94	522122	40.910	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	408792	40.713	ng		96
12) 1,3-Dichlorobenzene	6.66	146	451573	40.112	ng		98
13) 1,4-Dichlorobenzene	6.74	146	454896	40.277	ng		99
14) 1,2-Dichlorobenzene	6.90	146	422612	40.362	ng		97
15) Benzyl Alcohol	6.87	79	366930	42.611	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	597563	41.537	ng		96
17) 2-Methylphenol	6.98	107	348455	43.387	ng		96
18) Hexachloroethane	7.24	117	169123	41.230	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	297249	39.646	ng		95
20) 3+4-Methylphenols	7.13	107	400830	41.439	ng	#	67
22) Acetophenone	7.13	105	560170	45.163	ng	#	91
24) Nitrobenzene	7.30	77	444687	44.293	ng		98
25) Isophorone	7.54	82	826065	49.351	ng		97
26) 2-Nitrophenol	7.62	139	207825	44.332	ng		99
27) 2,4-Dimethylphenol	7.66	122	375645	51.083	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	518579	46.038	ng		100
29) 2,4-Dichlorophenol	7.86	162	349100	44.549	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	365041	43.094	ng		96
31) Naphthalene	8.02	128	1181703	46.616	ng		100
32) Benzoic acid	7.79	122	239585	49.862	ng		99
33) 4-Chloroaniline	8.07	127	336576	29.862	ng		98
34) Hexachlorobutadiene	8.15	225	216187	41.804	ng		99
35) Caprolactam	8.44	113	114411m	44.782	ng		
36) 4-Chloro-3-methylphenol	8.56	107	363792	44.100	ng		97
37) 2-Methylnaphthalene	8.72	142	796753	48.216	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	341363	41.438	ng		98
40) Hexachlorocyclopentadiene	8.88	237	355225	85.584	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109034.D
Acq On : 15 Sep 2018 9:34
Operator : JU/SJ
Sample : PB112873BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:44 PM

Quant Time: Sep 17 03:31:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	247197	44.644	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	262957	45.444	ng		98
45) 1,1'-Biphenyl	9.18	154	921532	44.008	ng		100
46) 2-Chloronaphthalene	9.20	162	731025	43.591	ng		98
47) 2-Nitroaniline	9.30	65	228691	44.358	ng		96
48) Acenaphthylene	9.61	152	1172534	46.374	ng		99
49) Dimethylphthalate	9.48	163	840312	44.919	ng		100
50) 2,6-Dinitrotoluene	9.54	165	186193	44.880	ng		97
51) Acenaphthene	9.79	154	747538	47.480	ng		98
52) 3-Nitroaniline	9.70	138	151397	30.991	ng		96
53) 2,4-Dinitrophenol	9.81	184	132128	82.638	ng	#	21
54) Dibenzofuran	9.96	168	1002670	44.070	ng		98
55) 4-Nitrophenol	9.87	139	307912	85.549	ng		93
56) 2,4-Dinitrotoluene	9.94	165	247514	45.620	ng	#	92
57) Fluorene	10.30	166	720503	47.520	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	221144	46.156	ng		90
59) Diethylphthalate	10.18	149	830371	43.955	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	345058	42.501	ng		94
61) 4-Nitroaniline	10.31	138	198360	42.739	ng		99
62) Azobenzene	10.45	77	861158	44.533	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	89413	38.419	ng		76
65) n-Nitrosodiphenylamine	10.41	169	718725	45.171	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	241144	43.974	ng		92
67) Hexachlorobenzene	10.85	284	258494	44.069	ng	#	89
68) Atrazine	10.94	200	236010	46.336	ng		95
69) Pentachlorophenol	11.04	266	269002	71.680	ng		99
70) Phenanthrene	11.25	178	1112241	46.646	ng		99
71) Anthracene	11.31	178	1140975	47.204	ng		100
72) Carbazole	11.46	167	1004702	41.990	ng		99
73) Di-n-butylphthalate	11.80	149	1238908	44.233	ng		100
74) Fluoranthene	12.44	202	1093269	43.431	ng		96
76) Benzidine	12.55	184	543149	54.797	ng		99
77) Pyrene	12.66	202	1079753	51.914	ng		98
79) Butylbenzylphthalate	13.28	149	478411	51.499	ng		94
80) Benzo(a)anthracene	13.84	228	841355	49.629	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	252801	36.954	ng	#	96
82) Chrysene	13.88	228	825885	48.692	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	606705	53.939	ng		99
84) Di-n-octyl phthalate	14.46	149	1015081	53.212	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1028131	75.819	ng		94
87) Benzo(b)fluoranthene	14.86	252	859487	44.211	ng		98
88) Benzo(k)fluoranthene	14.89	252	789855m	43.499	ng		
89) Benzo(a)pyrene	15.19	252	836136	48.430	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	859352	59.246	ng		96
91) Benzo(g,h,i)perylene	17.01	276	865271	59.668	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109034.D
Acq On : 15 Sep 2018 9:34
Operator : JU/SJ
Sample : PB112873BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Sep 17 03:31:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112873BS

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:44 PM