Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108909.D
Acq On : 10 Sep 2018 22:32
Operator : JU/SJ
Sample : PB112743BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:23 AM

Quant Time: Sep 11 04:02:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165107	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	616268	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	257863	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	445069	20.00	ng		0.00
75) Chrysene-d12	13.88	240	375477	20.00	ng		0.02
86) Perylene-d12	15.29	264	300132	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1185189	118.92	ng		0.03
7) Phenol-d6	6.38	99	1479505	115.38	ng		0.02
23) Nitrobenzene-d5	7.30	82	929969	94.44	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	297126	120.70	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1565130	103.55	ng		0.00
78) Terphenyl-d14	12.84	244	1379239	85.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	204136	42.620	ng		92
3) Pyridine	3.21	79	544178	41.486	ng		92
4) n-Nitrosodimethylamine	3.14	42	232458	46.140	ng		92
6) Aniline	6.40	93	550798	31.936	ng		94
8) 2-Chlorophenol	6.53	128	447284	40.546	ng		95
9) Benzaldehyde	6.28	77	226076	24.851	ng		98
10) Phenol	6.40	94	549753	37.431	ng		78
11) bis(2-Chloroethyl)ether	6.48	93	461984	39.266	ng		98
12) 1,3-Dichlorobenzene	6.68	146	511659	40.645	ng		99
13) 1,4-Dichlorobenzene	6.76	146	513977	40.828	ng		99
14) 1,2-Dichlorobenzene	6.91	146	471134	40.603	ng		99
15) Benzyl Alcohol	6.88	79	384526	39.075	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	680699	38.704	ng		97
17) 2-Methylphenol	7.00	107	363988	39.044	ng		99
18) Hexachloroethane	7.25	117	142167	31.320	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	318985	35.787	ng		96
20) 3+4-Methylphenols	7.15	107	421455	38.593	ng	#	68
22) Acetophenone	7.15	105	592895	42.391	ng	#	92
24) Nitrobenzene	7.32	77	467643	44.259	ng		96
25) Isophorone	7.56	82	861903	43.879	ng		97
26) 2-Nitrophenol	7.64	139	151367	36.362	ng		99
27) 2,4-Dimethylphenol	7.68	122	393020	46.493	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	549775	41.863	ng		99
29) 2,4-Dichlorophenol	7.88	162	353113	40.511	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	378488	40.067	ng		98
31) Naphthalene	8.05	128	1236685	44.604	ng		100
32) Benzoic acid	7.79	122	164970	32.538	ng		100
33) 4-Chloroaniline	8.09	127	429293	33.713	ng		99
34) Hexachlorobutadiene	8.17	225	228568	40.504	ng		100
35) Caprolactam	8.45	113	111435m	37.728	ng		
36) 4-Chloro-3-methylphenol	8.58	107	347601	37.435	ng		98
37) 2-Methylnaphthalene	8.74	142	780463	42.609	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	355192	46.079	ng		98
40) Hexachlorocyclopentadiene	8.90	237	72047	18.579	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108909.D
Acq On : 10 Sep 2018 22:32
Operator : JU/SJ
Sample : PB112743BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:23 AM

Quant Time: Sep 11 04:02:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	224038	42.671	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	234643	43.115	ng		95
45) 1,1'-Biphenyl	9.20	154	893337	45.000	ng		98
46) 2-Chloronaphthalene	9.22	162	687358	42.812	ng		99
47) 2-Nitroaniline	9.31	65	224816	51.257	ng		97
48) Acenaphthylene	9.64	152	1074124	44.883	ng		100
49) Dimethylphthalate	9.50	163	806345	44.708	ng		99
50) 2,6-Dinitrotoluene	9.55	165	146082	42.506	ng		97
51) Acenaphthene	9.81	154	602334	40.672	ng		99
52) 3-Nitroaniline	9.72	138	201980	49.372	ng		93
53) 2,4-Dinitrophenol	9.82	184	6637	13.945	ng	#	24
54) Dibenzofuran	9.98	168	889867	41.222	ng		98
55) 4-Nitrophenol	9.88	139	242543	79.306	ng		97
56) 2,4-Dinitrotoluene	9.95	165	167353	38.078	ng		91
57) Fluorene	10.32	166	638855	46.116	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	177536	40.452	ng		88
59) Diethylphthalate	10.20	149	767865	41.256	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	318929	43.107	ng		94
61) 4-Nitroaniline	10.33	138	187427	50.573	ng		96
62) Azobenzene	10.47	77	743684	38.709	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	6815	10.205	ng		85
65) n-Nitrosodiphenylamine	10.43	169	621201	41.980	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	205372	40.855	ng	#	85
67) Hexachlorobenzene	10.87	284	212357	39.573	ng	#	91
68) Atrazine	10.95	200	202420	42.730	ng		98
69) Pentachlorophenol	11.06	266	219256	66.831	ng		98
70) Phenanthrene	11.28	178	935923	44.035	ng		99
71) Anthracene	11.32	178	969712	47.653	ng		100
72) Carbazole	11.48	167	885915	41.338	ng		100
73) Di-n-butylphthalate	11.82	149	1102996	46.347	ng		99
74) Fluoranthene	12.46	202	1028434	48.872	ng		97
76) Benzidine	12.58	184	1012152	56.875	ng		98
77) Pyrene	12.68	202	1050759	36.368	ng		99
79) Butylbenzylphthalate	13.31	149	484341	37.225	ng		95
80) Benzo(a)anthracene	13.87	228	930239	38.652	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	397398	42.382	ng		99
82) Chrysene	13.91	228	916701	39.346	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	606517	37.094	ng		98
84) Di-n-octyl phthalate	14.48	149	1201475	44.075	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	652586	31.650	ng		95
87) Benzo(b)fluoranthene	14.89	252	744501	45.619	ng		98
88) Benzo(k)fluoranthene	14.92	252	698409	46.471	ng		98
89) Benzo(a)pyrene	15.23	252	651816	44.264	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	546726	42.135	ng	#	96
91) Benzo(g,h,i)perylene	17.06	276	539584	41.533	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108909.D
Acq On : 10 Sep 2018 22:32
Operator : JU/SJ
Sample : PB112743BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 11 04:02:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112743BS

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:23 AM