Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121743.D
Acq On : 30 Sep 2020 17:31
Operator : JU/CG
Sample : PB131959BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131959BS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:20 PM

Quant Time: Sep 30 18:05:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	152655	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	612700	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	329518	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	601844	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	420905	20.00	ng	0.00
86) Perylene-d12	15.37	264	319542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	971648	94.59	ng	0.00
7) Phenol-d6	6.42	99	1277501	94.80	ng	0.00
23) Nitrobenzene-d5	7.35	82	1095344	95.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	391844	95.68	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1904290	87.52	ng	-0.01
79) Terphenyl-d14	12.89	244	1645670	79.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	168849	35.780	ng	98
3) Pyridine	3.33	79	376245	28.840	ng	98
4) n-Nitrosodimethylamine	3.28	42	222564	36.779	ng	96
6) Aniline	6.45	93	457091	26.043	ng	96
8) 2-Chlorophenol	6.57	128	405080	38.733	ng	97
9) Benzaldehyde	6.33	77	228987	25.992	ng	96
10) Phenol	6.43	94	509570	35.509	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	413444	38.226	ng	98
12) 1,3-Dichlorobenzene	6.72	146	437002	37.436	ng	98
13) 1,4-Dichlorobenzene	6.79	146	439906	37.531	ng	99
14) 1,2-Dichlorobenzene	6.95	146	399737	37.021	ng	98
15) Benzyl Alcohol	6.92	79	356281	38.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	642071	36.890	ng	99
17) 2-Methylphenol	7.04	107	343444	38.595	ng	98
18) Hexachloroethane	7.29	117	161911	38.579	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	291114	37.482	ng	100
20) 3+4-Methylphenols	7.19	107	403857	37.773	ng	98
22) Acetophenone	7.19	105	552284	35.527	ng	98
24) Nitrobenzene	7.36	77	443397	35.926	ng	100
25) Isophorone	7.60	82	829436	36.107	ng	99
26) 2-Nitrophenol	7.68	139	220352	38.461	ng	93
27) 2,4-Dimethylphenol	7.72	122	364025	35.501	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	517047	36.358	ng	100
29) 2,4-Dichlorophenol	7.92	162	343835	36.816	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	361593	36.762	ng	98
31) Naphthalene	8.08	128	1178192	36.427	ng	99
32) Benzoic acid	7.86	122	209595	30.374	ng	98
33) 4-Chloroaniline	8.13	127	361514	25.785	ng	99
34) Hexachlorobutadiene	8.20	225	215875	37.391	ng	99
35) Caprolactam	8.51	113	108706m	34.952	ng	
36) 4-Chloro-3-methylphenol	8.62	107	367172	36.495	ng	97
37) 2-Methylnaphthalene	8.77	142	787642	37.160	ng	98
38) 1-Methylnaphthalene	8.87	142	734452	37.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	365263	35.486	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121743.D
Acq On : 30 Sep 2020 17:31
Operator : JU/CG
Sample : PB131959BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131959BS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:20 PM

Quant Time: Sep 30 18:05:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	300058	51.047 ng	99
43) 2,4,6-Trichlorophenol	9.06	196	249871	35.615 ng	99
44) 2,4,5-Trichlorophenol	9.10	196	257604	34.732 ng	94
46) 1,1'-Biphenyl	9.24	154	940888	35.667 ng	99
47) 2-Chloronaphthalene	9.26	162	727409	34.992 ng	99
48) 2-Nitroaniline	9.36	65	245993	38.080 ng	95
49) Acenaphthylene	9.68	152	1156388	36.204 ng	99
50) Dimethylphthalate	9.55	163	853621	35.742 ng	99
51) 2,6-Dinitrotoluene	9.60	165	191203	37.592 ng	93
52) Acenaphthene	9.85	154	669768	33.200 ng	100
53) 3-Nitroaniline	9.77	138	151728	25.751 ng	99
54) 2,4-Dinitrophenol	9.89	184	165468	59.073 ng	98
55) Dibenzofuran	10.02	168	995323	35.034 ng	98
56) 4-Nitrophenol	9.95	139	282070	60.028 ng	97
57) 2,4-Dinitrotoluene	10.01	165	247585	38.692 ng	94
58) Fluorene	10.36	166	764717	35.198 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	222042	36.824 ng	98
60) Diethylphthalate	10.24	149	835872	35.897 ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	376018	36.129 ng	96
62) 4-Nitroaniline	10.39	138	192668	32.933 ng	96
63) Azobenzene	10.52	77	862909	34.799 ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	128334	36.641 ng	90
66) n-Nitrosodiphenylamine	10.47	169	726919	35.205 ng	100
67) 4-Bromophenyl-phenylether	10.85	248	250598	36.572 ng	96
68) Hexachlorobenzene	10.91	284	281476	36.400 ng	94
69) Atrazine	11.00	200	207214	40.394 ng	98
70) Pentachlorophenol	11.11	266	267972	63.099 ng	99
71) Phenanthrene	11.33	178	1135036	34.614 ng	100
72) Anthracene	11.38	178	1170701	34.596 ng	99
73) Carbazole	11.53	167	1016013	33.272 ng	100
74) Di-n-butylphthalate	11.86	149	1255771	35.631 ng	99
75) Fluoranthene	12.52	202	1191157	34.029 ng	99
77) Benzidine	12.63	184	375900	26.939 ng	100
78) Pyrene	12.74	202	1192454	38.776 ng	100
80) Butylbenzylphthalate	13.36	149	508390	40.876 ng	93
81) Benzo(a)anthracene	13.93	228	958371	35.990 ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	279414	26.878 ng	98
83) Chrysene	13.97	228	936696	34.738 ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	650259	39.136 ng	98
85) Di-n-octyl phthalate	14.53	149	1061465	36.199 ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	847307	40.717 ng	99
88) Benzo(b)fluoranthene	14.96	252	815030	38.154 ng	99
89) Benzo(k)fluoranthene	14.99	252	813348	41.578 ng	98
90) Benzo(a)pyrene	15.32	252	725087	39.932 ng	99
91) Dibenzo(a,h)anthracene	16.81	278	701715	40.509 ng	99
92) Benzo(g,h,i)perylene	17.23	276	733747	43.092 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121743.D
Acq On : 30 Sep 2020 17:31
Operator : JU/CG
Sample : PB131959BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 18:05:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB131959BS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:20 PM