Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111213.D
Acq On : 8 Dec 2018 3:51
Operator : JU/SJ
Sample : PB115402BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:56 AM

Quant Time: Dec 08 05:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	389921	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1711387	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	735214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1194424	20.00	ng	0.00
76) Chrysene-d12	13.96	240	668198	20.00	ng	0.01
87) Perylene-d12	15.39	264	728178	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2194552	87.83	ng	0.01
7) Phenol-d6	6.44	99	3052063	94.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	2499262	86.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	543566	93.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3926143	101.67	ng	0.00
79) Terphenyl-d14	12.91	244	2590867	79.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	499736	34.769	ng	95
3) Pyridine	3.32	79	1412440	44.309	ng	90
4) n-Nitrosodimethylamine	3.25	42	723594	46.103	ng	82
6) Aniline	6.46	93	863917	20.089	ng	100
8) 2-Chlorophenol	6.59	128	1240300	43.064	ng	98
9) Benzaldehyde	6.35	77	645338	36.361	ng	98
10) Phenol	6.45	94	1667550	47.512	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	1273879	44.409	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1245925	40.676	ng	95
13) 1,4-Dichlorobenzene	6.82	146	1289480	41.833	ng	99
14) 1,2-Dichlorobenzene	6.98	146	1218676	42.501	ng	99
15) Benzyl Alcohol	6.95	79	1091839	42.810	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2243082	40.199	ng	100
17) 2-Methylphenol	7.06	107	1099377	46.501	ng	98
18) Hexachloroethane	7.32	117	458237	39.628	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	832477	38.485	ng	97
20) 3+4-Methylphenols	7.22	107	1190262	41.278	ng	92
22) Acetophenone	7.22	105	1560080	37.722	ng	95
24) Nitrobenzene	7.39	77	1308711	42.082	ng	98
25) Isophorone	7.63	82	2225554	41.951	ng	99
26) 2-Nitrophenol	7.70	139	630630	47.992	ng	91
27) 2,4-Dimethylphenol	7.75	122	1121242	45.308	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1498601	41.728	ng	99
29) 2,4-Dichlorophenol	7.95	162	1068982	43.877	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	977393	39.747	ng	99
31) Naphthalene	8.11	128	3374559	45.289	ng	98
32) Benzoic acid	7.85	122	781847	47.910	ng	96
33) 4-Chloroaniline	8.15	127	252678	7.015	ng	97
34) Hexachlorobutadiene	8.23	225	562979	42.128	ng	98
35) Caprolactam	8.53	113	393297m	43.968	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1101447	41.275	ng	99
37) 2-Methylnaphthalene	8.80	142	2185050	42.513	ng	98
38) 1-Methylnaphthalene	8.90	142	2050800	41.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	796658	40.656	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111213.D
Acq On : 8 Dec 2018 3:51
Operator : JU/SJ
Sample : PB115402BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:56 AM

Quant Time: Dec 08 05:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	466639	45.163 ng		97
43) 2,4,6-Trichlorophenol	9.08	196	619950	43.319 ng		97
44) 2,4,5-Trichlorophenol	9.12	196	642062	44.257 ng		94
46) 1,1'-Biphenyl	9.27	154	2456187	40.810 ng		97
47) 2-Chloronaphthalene	9.29	162	2140554	45.769 ng		97
48) 2-Nitroaniline	9.38	65	698580	46.091 ng		96
49) Acenaphthylene	9.70	152	3152385	48.221 ng		99
50) Dimethylphthalate	9.57	163	2262446	44.216 ng		99
51) 2,6-Dinitrotoluene	9.62	165	517235	47.679 ng		92
52) Acenaphthene	9.88	154	1947758	45.099 ng		99
53) 3-Nitroaniline	9.79	138	267157	19.605 ng		95
54) 2,4-Dinitrophenol	9.89	184	184291	55.793 ng	#	73
55) Dibenzofuran	10.05	168	2798706	47.048 ng		94
56) 4-Nitrophenol	9.95	139	896499	87.304 ng		92
57) 2,4-Dinitrotoluene	10.03	165	721431	51.491 ng		98
58) Fluorene	10.39	166	2033998	48.488 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	581391	53.695 ng		97
60) Diethylphthalate	10.27	149	2306491	45.106 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	942879	45.610 ng		94
62) 4-Nitroaniline	10.40	138	467170	37.985 ng		97
63) Azobenzene	10.55	77	2439513	44.811 ng		94
65) 4,6-Dinitro-2-methylphenol	10.43	198	150747	30.549 ng		83
66) n-Nitrosodiphenylamine	10.50	169	1854830	44.349 ng		97
67) 4-Bromophenyl-phenylether	10.87	248	570225	45.100 ng		91
68) Hexachlorobenzene	10.95	284	606695	46.927 ng		94
69) Atrazine	11.03	200	585230	Below Cal		97
70) Pentachlorophenol	11.13	266	643736	75.716 ng		99
71) Phenanthrene	11.35	178	2686551	46.760 ng		98
72) Anthracene	11.40	178	2765713	47.756 ng		98
73) Carbazole	11.55	167	2603058	43.197 ng		97
74) Di-n-butylphthalate	11.89	149	3257640	46.181 ng		99
75) Fluoranthene	12.53	202	2143617	38.129 ng		98
77) Benzidine	12.65	184	978797	Below Cal		99
78) Pyrene	12.76	202	2154211	41.381 ng		96
80) Butylbenzylphthalate	13.39	149	1092415	43.439 ng		96
81) Benzo(a)anthracene	13.95	228	1779518	45.454 ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	546147	36.966 ng		97
83) Chrysene	13.99	228	1791337	46.091 ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1353971	44.574 ng		100
85) Di-n-octyl phthalate	14.56	149	3105108	65.025 ng		96
86) Indeno(1,2,3-cd)pyrene	16.81	276	1200983	38.487 ng	#	89
88) Benzo(b)fluoranthene	14.99	252	1956038	47.406 ng		99
89) Benzo(k)fluoranthene	15.02	252	1846617	46.294 ng		99
90) Benzo(a)pyrene	15.34	252	1873023	49.489 ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1008168	31.743 ng		98
92) Benzo(g,h,i)perylene	17.24	276	989899	31.015 ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111213.D
Acq On : 8 Dec 2018 3:51
Operator : JU/SJ
Sample : PB115402BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 08 05:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB115402BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:56 AM