Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091630.D
Acq On : 15 Dec 2016 16:05
Operator : UM/SJ
Sample : PB95365BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Manual Integrations APPROVED
UMANGI
12/16/2016 6:23:32 PM

Quant Time: Dec 16 00:35:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	305965	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	1269849	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	635851	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	1052556	20.00	ng		-0.02
75) Chrysene-d12	13.94	240	659881	20.00	ng		-0.02
86) Perylene-d12	15.35	264	625117	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2425555	133.56	ng		-0.01
7) Phenol-d6	6.43	99	2979566	131.60	ng		-0.02
23) Nitrobenzene-d5	7.36	82	2037223	89.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	724071	137.10	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	2989527	81.24	ng		-0.03
78) Terphenyl-d14	12.90	244	2806890	96.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	330610	34.49	ng	#	84
3) Pyridine	3.10	79	907212	35.52	ng	#	80
4) n-Nitrosodimethylamine	3.06	42	458405	41.78	ng	#	58
6) Aniline	6.45	93	680959	22.94	ng		95
8) 2-Chlorophenol	6.58	128	916300	44.70	ng		95
9) Benzaldehyde	6.33	77	147291	9.45	ng		81
10) Phenol	6.45	94	969695	36.63	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	880244	44.26	ng		92
12) 1,3-Dichlorobenzene	6.73	146	925631	41.64	ng		99
13) 1,4-Dichlorobenzene	6.81	146	935658	42.67	ng		96
14) 1,2-Dichlorobenzene	6.96	146	855661	43.31	ng		98
15) Benzyl Alcohol	6.93	79	729509	40.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1265538	41.07	ng		80
17) 2-Methylphenol	7.06	107	792107	46.70	ng	#	76
18) Hexachloroethane	7.30	117	353301	41.29	ng		87
19) n-Nitroso-di-n-propylamine	7.21	70	611737	43.21	ng	#	81
20) 3+4-Methylphenols	7.21	107	870937	47.74	ng	#	83
22) Acetophenone	7.20	105	1235251	40.60	ng	#	96
24) Nitrobenzene	7.37	77	895669	37.26	ng		92
25) Isophorone	7.62	82	1832794	45.32	ng		96
26) 2-Nitrophenol	7.69	139	471893	44.48	ng		87
27) 2,4-Dimethylphenol	7.73	122	804771	43.19	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	1074602	45.30	ng		100
29) 2,4-Dichlorophenol	7.94	162	783300	48.31	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	793948	43.09	ng		96
31) Naphthalene	8.10	128	2557849	43.29	ng		99
32) Benzoic acid	7.87	122	595497	44.89	ng		93
33) 4-Chloroaniline	8.14	127	266722	10.48	ng		96
34) Hexachlorobutadiene	8.21	225	409496	38.77	ng		97
35) Caprolactam	8.52	113	257793m	54.45	ng		
36) 4-Chloro-3-methylphenol	8.64	107	851744	46.84	ng		99
37) 2-Methylnaphthalene	8.78	142	1573566	41.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	710477	40.74	ng		98
40) Hexachlorocyclopentadiene	8.94	237	744241	95.72	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091630.D
Acq On : 15 Dec 2016 16:05
Operator : UM/SJ
Sample : PB95365BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Manual Integrations APPROVED
UMANGI
12/16/2016 6:23:32 PM

Quant Time: Dec 16 00:35:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	534876	47.73	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	496447	43.11	ng	#	89
45) 1,1'-Biphenyl	9.25	154	1966597	42.70	ng		98
46) 2-Chloronaphthalene	9.28	162	1511295	42.38	ng		99
47) 2-Nitroaniline	9.37	65	507907	42.35	ng	#	86
48) Acenaphthylene	9.69	152	2231801	41.05	ng		99
49) Dimethylphthalate	9.56	163	1856218	46.10	ng		99
50) 2,6-Dinitrotoluene	9.62	165	430787	48.75	ng	#	84
51) Acenaphthene	9.86	154	1658857	43.93	ng		97
52) 3-Nitroaniline	9.78	138	183161	17.64	ng		96
53) 2,4-Dinitrophenol	9.89	184	468823	86.75	ng		96
54) Dibenzofuran	10.03	168	1946332	41.66	ng		98
55) 4-Nitrophenol	9.96	139	703312	91.07	ng	#	86
56) 2,4-Dinitrotoluene	10.02	165	479165	43.26	ng	#	57
57) Fluorene	10.37	166	1396347	41.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	442371	49.07	ng		96
59) Diethylphthalate	10.26	149	1728540	44.59	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	721972	42.98	ng		95
61) 4-Nitroaniline	10.40	138	426096	41.30	ng		93
62) Azobenzene	10.53	77	2074235	47.21	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	327574	51.05	ng	#	51
65) n-Nitrosodiphenylamine	10.49	169	1358527	43.29	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	458083	42.45	ng		92
67) Hexachlorobenzene	10.92	284	476425	42.46	ng	#	82
68) Atrazine	11.02	200	482153	47.79	ng		95
69) Pentachlorophenol	11.12	266	518766	82.15	ng		95
70) Phenanthrene	11.33	178	2284350	43.83	ng		98
71) Anthracene	11.39	178	2479010	44.09	ng		99
72) Carbazole	11.54	167	1985015	40.28	ng		100
73) Di-n-butylphthalate	11.88	149	2784692	48.50	ng		99
74) Fluoranthene	12.52	202	2546296	46.65	ng		98
76) Benzidine	12.64	184	382068	18.73	ng		98
77) Pyrene	12.74	202	2500015	47.75	ng		98
79) Butylbenzylphthalate	13.37	149	1054456	51.67	ng		90
80) Benzo(a)anthracene	13.93	228	1820858	47.51	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	460373	33.45	ng	#	97
82) Chrysene	13.97	228	1877115	46.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	1261946	48.20	ng		98
84) Di-n-octyl phthalate	14.55	149	2323876	52.29	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.71	276	1666751	46.20	ng		98
87) Benzo(b)fluoranthene	14.95	252	2081642m	55.86	ng		
88) Benzo(k)fluoranthene	14.98	252	1171746m	35.76	ng		
89) Benzo(a)pyrene	15.29	252	1534619	45.71	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	1352120	44.96	ng	#	95
91) Benzo(g,h,i)perylene	17.12	276	1432636	46.81	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091630.D
Acq On : 15 Dec 2016 16:05
Operator : UM/SJ
Sample : PB95365BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 00:35:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Manual Integrations APPROVED
UMANGI
12/16/2016 6:23:32 PM