Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090351.D
Acq On : 4 Oct 2016 19:34
Operator : UM/SJ
Sample : PB93723BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Manual Integrations APPROVED
sohil
10/5/2016 7:27:33 PM

Quant Time: Oct 05 03:30:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	261937	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1047071	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	462733	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	672077	20.00	ng		0.00
75) Chrysene-d12	14.19	240	478841	20.00	ng		0.00
86) Perylene-d12	15.70	264	432613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	2131494	128.35	ng		0.02
7) Phenol-d6	6.63	99	2658465	128.06	ng		0.00
23) Nitrobenzene-d5	7.57	82	1645455	91.60	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	527769	131.32	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2551699	89.91	ng		0.00
78) Terphenyl-d14	13.14	244	1998683	97.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	301997	37.26	ng	#	92
3) Pyridine	3.56	79	890869	41.46	ng	#	85
4) n-Nitrosodimethylamine	3.51	42	395745	50.84	ng	#	61
6) Aniline	6.67	93	770411	27.01	ng		99
8) 2-Chlorophenol	6.79	128	799349	42.84	ng		99
9) Benzaldehyde	6.55	77	90523	9.39	ng		98
10) Phenol	6.65	94	1198767	47.48	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	756818	42.21	ng		85
12) 1,3-Dichlorobenzene	6.95	146	807855	41.68	ng		99
13) 1,4-Dichlorobenzene	7.02	146	767057	38.98	ng		96
14) 1,2-Dichlorobenzene	7.18	146	827127	44.21	ng		98
15) Benzyl Alcohol	7.15	79	761990	52.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1265802	46.19	ng		95
17) 2-Methylphenol	7.25	107	607099	42.00	ng		98
18) Hexachloroethane	7.53	117	304521	42.76	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	681421	51.40	ng	#	83
20) 3+4-Methylphenols	7.41	107	851275	46.32	ng	#	82
22) Acetophenone	7.41	105	968623	39.95	ng	#	94
24) Nitrobenzene	7.59	77	920263	47.98	ng	#	89
25) Isophorone	7.83	82	1596051	46.70	ng		97
26) 2-Nitrophenol	7.91	139	340081	45.95	ng		93
27) 2,4-Dimethylphenol	7.94	122	665861	39.88	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	916456	43.19	ng	#	97
29) 2,4-Dichlorophenol	8.15	162	533520	39.03	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	600410	39.22	ng		99
31) Naphthalene	8.31	128	2066412	41.29	ng		98
32) Benzoic acid	8.04	122	329712	32.61	ng		96
33) 4-Chloroaniline	8.37	127	115926	5.80	ng	#	91
34) Hexachlorobutadiene	8.44	225	336997	37.40	ng		99
35) Caprolactam	8.71	113	161558	45.19	ng		96
36) 4-Chloro-3-methylphenol	8.84	107	601185	40.96	ng		99
37) 2-Methylnaphthalene	9.01	142	1351230	43.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	532839	40.79	ng	#	98
40) Hexachlorocyclopentadiene	9.17	237	720361	82.09	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090351.D
Acq On : 4 Oct 2016 19:34
Operator : UM/SJ
Sample : PB93723BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Manual Integrations APPROVED
sohil
10/5/2016 7:27:33 PM

Quant Time: Oct 05 03:30:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	376125	45.78	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	331496	40.10	ng	#	87
45) 1,1'-Biphenyl	9.48	154	1445465	40.35	ng		95
46) 2-Chloronaphthalene	9.50	162	1265467	47.06	ng		97
47) 2-Nitroaniline	9.59	65	416471	56.74	ng		85
48) Acenaphthylene	9.91	152	1717842	42.23	ng		98
49) Dimethylphthalate	9.78	163	1304534	47.62	ng		98
50) 2,6-Dinitrotoluene	9.83	165	293241	48.94	ng	#	79
51) Acenaphthene	10.09	154	1197731	48.38	ng		98
52) 3-Nitroaniline	9.99	138	156734	23.09	ng		82
53) 2,4-Dinitrophenol	10.11	184	239685	104.56	ng		88
54) Dibenzofuran	10.27	168	1574688	48.11	ng		98
55) 4-Nitrophenol	10.15	139	513581	95.03	ng		87
56) 2,4-Dinitrotoluene	10.23	165	332405	46.09	ng	#	34
57) Fluorene	10.61	166	1278251	46.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	252219m	43.26	ng		
59) Diethylphthalate	10.47	149	1176705	42.03	ng	#	91
60) 4-Chlorophenyl-phenylether	10.60	204	610753	47.04	ng		97
61) 4-Nitroaniline	10.61	138	256598	42.03	ng		93
62) Azobenzene	10.76	77	1684656	57.73	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	147650	48.37	ng	#	51
65) n-Nitrosodiphenylamine	10.71	169	1008798	44.02	ng		99
66) 4-Bromophenyl-phenylether	11.09	248	337602	46.48	ng		98
67) Hexachlorobenzene	11.16	284	355500	41.65	ng		93
68) Atrazine	11.24	200	271081	49.41	ng		99
69) Pentachlorophenol	11.34	266	350334	73.22	ng		100
70) Phenanthrene	11.57	178	1625881	45.09	ng		98
71) Anthracene	11.63	178	1583866	44.01	ng		96
72) Carbazole	11.78	167	1459233	44.10	ng		96
73) Di-n-butylphthalate	12.11	149	1725385	43.64	ng		98
74) Fluoranthene	12.76	202	1404997	41.08	ng		98
76) Benzidine	12.88	184	411379	31.24	ng		98
77) Pyrene	12.99	202	1343491	43.82	ng		99
79) Butylbenzylphthalate	13.62	149	683159	56.54	ng		93
80) Benzo(a)anthracene	14.19	228	1274959	47.48	ng		97
81) 3,3'-Dichlorobenzidine	14.14	252	284182	30.72	ng	#	97
82) Chrysene	14.22	228	1208907	48.05	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1032254	53.40	ng		99
84) Di-n-octyl phthalate	14.80	149	1556429	55.42	ng		94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1260164	46.60	ng		95
87) Benzo(b)fluoranthene	15.25	252	1312174	52.74	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	927707m	39.04	ng		
89) Benzo(a)pyrene	15.64	252	1097337	48.36	ng		98
90) Dibenzo(a,h)anthracene	17.24	278	1080800	48.57	ng	#	94
91) Benzo(g,h,i)perylene	17.68	276	1064154	48.83	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090351.D
Acq On : 4 Oct 2016 19:34
Operator : UM/SJ
Sample : PB93723BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 03:30:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93723BS

Manual Integrations APPROVED
sohil
10/5/2016 7:27:33 PM