Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092042.D
Acq On : 30 Dec 2016 12:57
Operator : UM/SJ
Sample : PB95699BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:10 AM

Quant Time: Dec 30 15:50:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	153552	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	562628	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	376305	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	601484	20.00	ng		-0.03
75) Chrysene-d12	13.84	240	445340	20.00	ng		-0.03
86) Perylene-d12	15.21	264	368548	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1577362	171.52	ng		-0.02
7) Phenol-d6	6.35	99	1763790	157.09	ng		-0.03
23) Nitrobenzene-d5	7.25	82	934027	92.31	ng		-0.03
41) 2,4,6-Tribromophenol	10.51	330	391201	125.62	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	1850375	103.57	ng		-0.03
78) Terphenyl-d14	12.78	244	1596403	86.94	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	189377	41.83	ng	#	92
3) Pyridine	2.90	79	650944	41.20	ng		95
4) n-Nitrosodimethylamine	2.85	42	296224	49.70	ng		97
6) Aniline	6.35	93	309054	21.19	ng	#	84
8) 2-Chlorophenol	6.48	128	505566	48.33	ng		93
9) Benzaldehyde	6.22	77	73565	8.83	ng		97
10) Phenol	6.36	94	676937	52.91	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	601093	59.05	ng		93
12) 1,3-Dichlorobenzene	6.62	146	522547	46.79	ng		97
13) 1,4-Dichlorobenzene	6.70	146	491617m	43.25	ng		
14) 1,2-Dichlorobenzene	6.85	146	491821	49.87	ng		99
15) Benzyl Alcohol	6.84	79	422717	48.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	674611	44.50	ng	#	2
17) 2-Methylphenol	6.97	107	390479	46.41	ng	#	89
18) Hexachloroethane	7.20	117	181939	43.18	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	351627	47.07	ng		100
20) 3+4-Methylphenols	7.13	107	479846	47.82	ng	#	74
22) Acetophenone	7.10	105	705636	50.85	ng	#	89
24) Nitrobenzene	7.28	77	553674	51.38	ng	#	87
25) Isophorone	7.52	82	986290	52.83	ng		98
26) 2-Nitrophenol	7.58	139	237978	44.78	ng		93
27) 2,4-Dimethylphenol	7.64	122	384915	43.67	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	590987	52.21	ng		99
29) 2,4-Dichlorophenol	7.85	162	378129	50.66	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	427677	52.29	ng		97
31) Naphthalene	7.98	128	1292867	50.21	ng		99
32) Benzoic acid	7.78	122	196346	30.03	ng		99
33) 4-Chloroaniline	8.05	127	136546	11.76	ng		96
34) Hexachlorobutadiene	8.11	225	223230	51.71	ng		100
35) Caprolactam	8.43	113	144275	58.82	ng		91
36) 4-Chloro-3-methylphenol	8.56	107	421303	49.05	ng		98
37) 2-Methylnaphthalene	8.68	142	791519	55.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	441565	46.44	ng		99
40) Hexachlorocyclopentadiene	8.84	237	374513	88.03	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092042.D
Acq On : 30 Dec 2016 12:57
Operator : UM/SJ
Sample : PB95699BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:10 AM

Quant Time: Dec 30 15:50:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	288857	43.44	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	311920	45.58	ng	#	86
45) 1,1'-Biphenyl	9.15	154	1291258	50.12	ng		99
46) 2-Chloronaphthalene	9.17	162	973231	47.70	ng		98
47) 2-Nitroaniline	9.28	65	318181	43.80	ng		96
48) Acenaphthylene	9.58	152	1452215	46.28	ng		99
49) Dimethylphthalate	9.46	163	1069458	44.44	ng		99
50) 2,6-Dinitrotoluene	9.52	165	218554	41.49	ng	#	63
51) Acenaphthene	9.76	154	916922	43.10	ng		99
52) 3-Nitroaniline	9.69	138	141072	21.64	ng		86
53) 2,4-Dinitrophenol	9.80	184	103477	35.30	ng		96
54) Dibenzofuran	9.93	168	1255374	43.69	ng		99
55) 4-Nitrophenol	9.88	139	336753	76.08	ng	#	76
56) 2,4-Dinitrotoluene	9.93	165	305642	46.23	ng		91
57) Fluorene	10.27	166	1010416	48.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	255159	47.15	ng		99
59) Diethylphthalate	10.16	149	1088159	46.55	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	437301	47.78	ng		95
61) 4-Nitroaniline	10.30	138	258964	38.33	ng		90
62) Azobenzene	10.42	77	1202234	46.72	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	104152	28.64	ng	#	56
65) n-Nitrosodiphenylamine	10.38	169	834492	46.76	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	284591	45.48	ng		97
67) Hexachlorobenzene	10.82	284	326196	48.77	ng	#	93
68) Atrazine	10.92	200	300482	52.19	ng		96
69) Pentachlorophenol	11.01	266	266015	81.06	ng		98
70) Phenanthrene	11.23	178	1510875	46.32	ng		98
71) Anthracene	11.28	178	1482979	55.88	ng		99
72) Carbazole	11.44	167	1237493	47.01	ng		99
73) Di-n-butylphthalate	11.78	149	1785271	59.05	ng	#	97
74) Fluoranthene	12.41	202	1452244	51.29	ng		97
76) Benzidine	12.53	184	89791	4.70	ng		97
77) Pyrene	12.64	202	1564336	47.88	ng		99
79) Butylbenzylphthalate	13.26	149	694171	46.71	ng		96
80) Benzo(a)anthracene	13.82	228	1176853	46.82	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	235500	24.70	ng	#	96
82) Chrysene	13.86	228	1114562	44.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	859049	49.09	ng		99
84) Di-n-octyl phthalate	14.44	149	1499497	46.25	ng		98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1015422	46.48	ng		99
87) Benzo(b)fluoranthene	14.83	252	1072416m	46.74	ng		
88) Benzo(k)fluoranthene	14.85	252	935089m	47.79	ng		
89) Benzo(a)pyrene	15.16	252	969061	47.58	ng	#	94
90) Dibenzo(a,h)anthracene	16.52	278	832132	49.71	ng		99
91) Benzo(g,h,i)perylene	16.90	276	871620	50.08	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092042.D
Acq On : 30 Dec 2016 12:57
Operator : UM/SJ
Sample : PB95699BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 15:50:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:10 AM