Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093151.D
Acq On : 24 Feb 2017 18:16
Operator : SJ/MA
Sample : PB97152BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:32 PM

Quant Time: Feb 24 22:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151842	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	565816	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	284720	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	519380	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	425681	20.00	ng		-0.01
86) Perylene-d12	15.44	264	304861	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1239162	140.01	ng		-0.01
7) Phenol-d6	6.48	99	1510961	132.68	ng		-0.01
23) Nitrobenzene-d5	7.40	82	966222	95.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	328777	159.66	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1496287	95.21	ng		-0.01
78) Terphenyl-d14	12.95	244	1518390	83.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	155543	32.52	ng	#	85
3) Pyridine	3.15	79	432704	35.58	ng		87
4) n-Nitrosodimethylamine	3.10	42	246373	43.15	ng		86
6) Aniline	6.50	93	486155	31.30	ng	#	60
8) 2-Chlorophenol	6.62	128	422963	43.32	ng		89
9) Benzaldehyde	6.37	77	179926	22.05	ng		86
10) Phenol	6.49	94	472098	35.43	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	446465	41.98	ng		95
12) 1,3-Dichlorobenzene	6.77	146	472469	41.31	ng		95
13) 1,4-Dichlorobenzene	6.85	146	484702	41.88	ng		94
14) 1,2-Dichlorobenzene	7.00	146	420487	37.99	ng		98
15) Benzyl Alcohol	6.98	79	345990	41.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	726053	39.30	ng		96
17) 2-Methylphenol	7.10	107	382032	45.61	ng		97
18) Hexachloroethane	7.34	117	160918	40.73	ng		90
19) n-Nitroso-di-n-propylamine	7.25	70	298632	41.20	ng		95
20) 3+4-Methylphenols	7.25	107	440254	43.96	ng	#	71
22) Acetophenone	7.25	105	571861	44.27	ng	#	93
24) Nitrobenzene	7.42	77	458403	43.94	ng		98
25) Isophorone	7.66	82	872994	46.11	ng		95
26) 2-Nitrophenol	7.74	139	247124	49.83	ng		92
27) 2,4-Dimethylphenol	7.79	122	431478	49.54	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	584166	46.59	ng		99
29) 2,4-Dichlorophenol	7.98	162	371779	45.77	ng		87
30) 1,2,4-Trichlorobenzene	8.06	180	371246	42.41	ng		95
31) Naphthalene	8.14	128	1173069	40.90	ng		100
32) Benzoic acid	7.94	122	243997	49.23	ng		90
33) 4-Chloroaniline	8.20	127	257029	22.85	ng		98
34) Hexachlorobutadiene	8.27	225	199022	41.32	ng		99
35) Caprolactam	8.58	113	131049m	51.29	ng		
36) 4-Chloro-3-methylphenol	8.69	107	418509	49.42	ng		97
37) 2-Methylnaphthalene	8.84	142	808033	43.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	379480	47.48	ng		99
40) Hexachlorocyclopentadiene	8.99	237	281786	78.15	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093151.D
Acq On : 24 Feb 2017 18:16
Operator : SJ/MA
Sample : PB97152BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:32 PM

Quant Time: Feb 24 22:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	266667	50.78	ng		92
43) 2,4,5-Trichlorophenol	9.17	196	272303	47.32	ng	#	87
45) 1,1'-Biphenyl	9.31	154	1048298	50.85	ng		99
46) 2-Chloronaphthalene	9.33	162	790290	49.00	ng		98
47) 2-Nitroaniline	9.44	65	291487	53.75	ng		94
48) Acenaphthylene	9.74	152	1199183	43.04	ng		99
49) Dimethylphthalate	9.62	163	1001440	52.22	ng		100
50) 2,6-Dinitrotoluene	9.68	165	200048	48.30	ng	#	81
51) Acenaphthene	9.92	154	694468	41.69	ng		96
52) 3-Nitroaniline	9.85	138	150550	31.76	ng		88
53) 2,4-Dinitrophenol	9.96	184	222194	103.95	ng	#	76
54) Dibenzofuran	10.09	168	962137	43.18	ng		98
55) 4-Nitrophenol	10.03	139	327911	96.06	ng	#	70
56) 2,4-Dinitrotoluene	10.09	165	284047	51.51	ng		90
57) Fluorene	10.43	166	795375	46.40	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	218399	56.90	ng		95
59) Diethylphthalate	10.32	149	937007	51.85	ng		94
60) 4-Chlorophenyl-phenylether	10.42	204	350660	42.58	ng		96
61) 4-Nitroaniline	10.46	138	233191	48.04	ng		94
62) Azobenzene	10.58	77	992404	53.15	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	162960	51.35	ng		94
65) n-Nitrosodiphenylamine	10.54	169	711460	42.88	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	227713	41.96	ng		96
67) Hexachlorobenzene	10.98	284	233339	43.51	ng		95
68) Atrazine	11.07	200	219570	41.24	ng		98
69) Pentachlorophenol	11.17	266	232279	83.56	ng		96
70) Phenanthrene	11.39	178	1197151	40.23	ng		99
71) Anthracene	11.45	178	1333383	44.62	ng		98
72) Carbazole	11.60	167	1126358	39.43	ng		99
73) Di-n-butylphthalate	11.93	149	1409215	45.62	ng	#	97
74) Fluoranthene	12.58	202	1337484	43.58	ng		96
76) Benzidine	12.71	184	509156	28.07	ng		96
77) Pyrene	12.81	202	1350863	42.40	ng		99
79) Butylbenzylphthalate	13.43	149	627447	48.50	ng		88
80) Benzo(a)anthracene	14.00	228	1030801	39.59	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	235167	25.34	ng	#	94
82) Chrysene	14.03	228	955416	39.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	810811	45.83	ng	#	95
84) Di-n-octyl phthalate	14.59	149	1334030	46.31	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	736306	39.00	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	889356	44.32	ng		98
88) Benzo(k)fluoranthene	15.05	252	813101m	46.93	ng		
89) Benzo(a)pyrene	15.38	252	792068	45.63	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	617145	43.99	ng		96
91) Benzo(g,h,i)perylene	17.27	276	644398	45.47	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093151.D
Acq On : 24 Feb 2017 18:16
Operator : SJ/MA
Sample : PB97152BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 22:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB97152BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:32 PM