Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083416.D
Acq On : 2 Dec 2015 14:09
Operator : UM/IZ
Sample : G4582-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:28 PM

Quant Time: Dec 03 03:25:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	159550m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	639938	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	309629	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	571972	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	470786	20.00	ng		-0.02
86) Perylene-d12	16.80	264	350738	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1449060	136.28	ng		0.01
7) Phenol-d6	6.22	99	1957512	134.51	ng		0.00
23) Nitrobenzene-d5	7.12	82	1323309	90.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	411846	132.50	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1872686	86.19	ng		-0.01
78) Terphenyl-d14	13.21	244	1796929	91.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	192101	33.36	ng	#	93
3) Pyridine	2.61	79	635817	44.15	ng		94
4) n-Nitrosodimethylamine	2.57	42	328963	46.41	ng		94
6) Aniline	6.21	93	640930	32.19	ng		98
8) 2-Chlorophenol	6.34	128	584689	49.85	ng		97
9) Benzaldehyde	6.08	77	276461	39.33	ng		92
10) Phenol	6.24	94	823239	47.01	ng		89
11) bis(2-Chloroethyl)ether	6.29	93	634899	49.84	ng		94
12) 1,3-Dichlorobenzene	6.49	146	582992m	44.72	ng		
13) 1,4-Dichlorobenzene	6.56	146	576988m	42.82	ng		
14) 1,2-Dichlorobenzene	6.72	146	553983	44.81	ng		96
15) Benzyl Alcohol	6.72	79	570397	50.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1028375	46.01	ng	#	51
17) 2-Methylphenol	6.84	107	494567	50.59	ng		95
18) Hexachloroethane	7.06	117	214162m	45.76	ng		
19) n-Nitroso-di-n-propylamine	6.98	70	463711	44.58	ng		92
20) 3+4-Methylphenols	7.00	107	688395	51.99	ng		98
22) Acetophenone	6.97	105	857611	44.79	ng	#	96
24) Nitrobenzene	7.14	77	714839	45.98	ng		90
25) Isophorone	7.38	82	1246760	44.21	ng		98
26) 2-Nitrophenol	7.46	139	324260	51.10	ng	#	80
27) 2,4-Dimethylphenol	7.52	122	504003	47.38	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	773576	48.17	ng		99
29) 2,4-Dichlorophenol	7.71	162	494333	48.32	ng		95
30) 1,2,4-Trichlorobenzene	7.78	180	484272	43.49	ng		98
31) Naphthalene	7.86	128	2209326	63.63	ng		99
32) Benzoic acid	7.63	122	39443	5.38	ng		93
33) 4-Chloroaniline	7.92	127	314283	21.00	ng		94
34) Hexachlorobutadiene	7.98	225	272578	43.11	ng		98
35) Caprolactam	8.30	113	160180m	49.55	ng		
36) 4-Chloro-3-methylphenol	8.43	107	564607	49.20	ng		89
37) 2-Methylnaphthalene	8.54	142	1026157	44.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	461366	47.01	ng		98
40) Hexachlorocyclopentadiene	8.70	237	387588	83.13	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083416.D
Acq On : 2 Dec 2015 14:09
Operator : UM/IZ
Sample : G4582-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:28 PM

Quant Time: Dec 03 03:25:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	341651	49.62	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	356449	49.97	ng		97
45) 1,1'-Biphenyl	9.01	154	1288235	47.45	ng		97
46) 2-Chloronaphthalene	9.04	162	989065	47.80	ng		93
47) 2-Nitroaniline	9.14	65	382880	46.72	ng	#	82
48) Acenaphthylene	9.44	152	1517990	45.99	ng		100
49) Dimethylphthalate	9.33	163	1617188	64.27	ng		99
50) 2,6-Dinitrotoluene	9.39	165	269899	50.23	ng	#	69
51) Acenaphthene	9.62	154	985711	50.78	ng		98
52) 3-Nitroaniline	9.55	138	168791	26.80	ng		89
53) 2,4-Dinitrophenol	9.66	184	91978	32.60	ng	#	73
54) Dibenzofuran	9.79	168	1368159	48.09	ng		92
55) 4-Nitrophenol	9.76	139	403589	102.44	ng	#	81
56) 2,4-Dinitrotoluene	9.79	165	363607	53.33	ng	#	70
57) Fluorene	10.12	166	1011041	45.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	283914	49.33	ng		96
59) Diethylphthalate	10.03	149	1124307	46.88	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	436636	42.30	ng		92
61) 4-Nitroaniline	10.17	138	251828	39.96	ng		91
62) Azobenzene	10.28	77	1341101	46.29	ng		98
64) 4,6-Dinitro-2-methylphenol	10.19	198	153143	39.88	ng	#	60
65) n-Nitrosodiphenylamine	10.25	169	909613	45.26	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	297573	47.56	ng		95
67) Hexachlorobenzene	10.69	284	323953	46.83	ng		96
68) Atrazine	10.82	200	307289	55.28	ng		99
69) Pentachlorophenol	10.91	266	347814	95.98	ng		97
70) Phenanthrene	11.15	178	1654179	48.87	ng		99
71) Anthracene	11.21	178	1588224	46.61	ng		100
72) Carbazole	11.40	167	1390894	45.43	ng		99
73) Di-n-butylphthalate	11.85	149	1739283	47.93	ng		100
74) Fluoranthene	12.65	202	1578104	44.98	ng		98
76) Benzidine	12.85	184	619159	44.16	ng		97
77) Pyrene	12.96	202	1636010	49.76	ng		98
79) Butylbenzylphthalate	13.95	149	719463	51.58	ng		87
80) Benzo(a)anthracene	14.73	228	1345965	46.67	ng		99
81) 3,3'-Dichlorobenzidine	14.72	252	297718	33.05	ng	#	98
82) Chrysene	14.79	228	1240821	44.53	ng		99
83) Bis(2-ethylhexyl)phthalate	14.85	149	990440	52.94	ng		99
84) Di-n-octyl phthalate	15.83	149	1502874	53.94	ng		99
85) Indeno(1,2,3-cd)pyrene	18.18	276	1025952	50.55	ng		99
87) Benzo(b)fluoranthene	16.29	252	1010221m	44.89	ng		
88) Benzo(k)fluoranthene	16.33	252	954582	44.92	ng		98
89) Benzo(a)pyrene	16.73	252	907827	46.96	ng		98
90) Dibenzo(a,h)anthracene	18.20	278	864031	51.30	ng		99
91) Benzo(g,h,i)perylene	18.56	276	856984	51.84	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083416.D
Acq On : 2 Dec 2015 14:09
Operator : UM/IZ
Sample : G4582-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 03 03:25:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MS

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:28 PM