Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082702.D
Acq On : 4 Nov 2015 15:48
Operator : UM/IZ
Sample : G4240-09MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07(4-6)MS

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:32 PM

Quant Time: Nov 05 04:52:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187540	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	744410	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	391991	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	774879	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	687375	20.00	ng		-0.02
86) Perylene-d12	15.47	264	529871	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1640839	131.78	ng		0.01
7) Phenol-d6	6.51	99	2189734	132.37	ng		0.00
23) Nitrobenzene-d5	7.44	82	1555088	85.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	696843	162.44	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	2024336	73.32	ng		-0.02
78) Terphenyl-d14	12.98	244	2289291	72.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	178501	31.01	ng		94
3) Pyridine	3.25	79	479577	28.42	ng		99
4) n-Nitrosodimethylamine	3.20	42	308345	32.46	ng		94
6) Aniline	6.53	93	430568	18.69	ng		97
8) 2-Chlorophenol	6.66	128	572435	42.49	ng		96
9) Benzaldehyde	6.41	77	199883	17.70	ng		87
10) Phenol	6.52	94	868502	46.33	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	535146	38.70	ng		93
12) 1,3-Dichlorobenzene	6.81	146	632898m	41.20	ng		
13) 1,4-Dichlorobenzene	6.89	146	633469m	41.58	ng		
14) 1,2-Dichlorobenzene	7.04	146	573760	40.57	ng		95
15) Benzyl Alcohol	7.01	79	674218	43.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	870449	39.61	ng		96
17) 2-Methylphenol	7.13	107	511047	44.61	ng		98
18) Hexachloroethane	7.38	117	226011	38.01	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	464575	37.05	ng		92
20) 3+4-Methylphenols	7.28	107	650250	43.68	ng	#	88
22) Acetophenone	7.28	105	878652	40.09	ng	#	87
24) Nitrobenzene	7.45	77	664155	36.04	ng	#	88
25) Isophorone	7.70	82	1331530	39.70	ng		97
26) 2-Nitrophenol	7.77	139	318688	47.35	ng	#	79
27) 2,4-Dimethylphenol	7.81	122	568010	43.23	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	754634	41.14	ng	#	98
29) 2,4-Dichlorophenol	8.01	162	515495	43.04	ng		87
30) 1,2,4-Trichlorobenzene	8.10	180	562384	42.31	ng		94
31) Naphthalene	8.18	128	1770775	43.96	ng		99
32) Benzoic acid	7.87	122	26843	2.82	ng		92
33) 4-Chloroaniline	8.21	127	140145m	8.15	ng		
34) Hexachlorobutadiene	8.30	225	361065	42.71	ng		97
35) Caprolactam	8.60	113	182391m	49.64	ng		
36) 4-Chloro-3-methylphenol	8.72	107	649547	46.06	ng	#	87
37) 2-Methylnaphthalene	8.86	142	1092433	41.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	532653	40.72	ng		97
40) Hexachlorocyclopentadiene	9.02	237	657076	79.90	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082702.D
Acq On : 4 Nov 2015 15:48
Operator : UM/IZ
Sample : G4240-09MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MS

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:32 PM

Quant Time: Nov 05 04:52:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	448143	47.45	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	411812	43.76	ng		96
45) 1,1'-Biphenyl	9.33	154	1479367	44.68	ng		98
46) 2-Chloronaphthalene	9.36	162	1131208	43.75	ng		97
47) 2-Nitroaniline	9.45	65	446925	44.47	ng	#	85
48) Acenaphthylene	9.77	152	1758220	42.52	ng		100
49) Dimethylphthalate	9.64	163	2094044	65.41	ng		100
50) 2,6-Dinitrotoluene	9.70	165	329786	49.70	ng	#	62
51) Acenaphthene	9.94	154	1191990	45.40	ng		100
52) 3-Nitroaniline	9.86	138	172365	23.35	ng	#	69
53) 2,4-Dinitrophenol	9.96	184	229733	66.25	ng	#	32
54) Dibenzofuran	10.12	168	1654772	46.45	ng	#	87
55) 4-Nitrophenol	10.03	139	583376	105.03	ng		96
56) 2,4-Dinitrotoluene	10.10	165	468114	52.17	ng		91
57) Fluorene	10.45	166	1240391	43.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	395770m	49.76	ng		
59) Diethylphthalate	10.34	149	1525681	46.81	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	676019	48.40	ng		98
61) 4-Nitroaniline	10.48	138	289765	41.13	ng		92
62) Azobenzene	10.61	77	1677114	45.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.51	198	252540	54.04	ng		76
65) n-Nitrosodiphenylamine	10.57	169	1065018	39.98	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	392147	44.66	ng		98
67) Hexachlorobenzene	11.01	284	438747	45.06	ng	#	57
68) Atrazine	11.10	200	441066	50.61	ng		91
69) Pentachlorophenol	11.20	266	500242	77.91	ng		98
70) Phenanthrene	11.41	178	1768241	40.46	ng		99
71) Anthracene	11.47	178	2058300	46.77	ng		100
72) Carbazole	11.62	167	1643997	42.89	ng		100
73) Di-n-butylphthalate	11.96	149	2272896	46.58	ng		99
74) Fluoranthene	12.60	202	1906497	42.67	ng		99
76) Benzidine	12.72	184	564236	18.20	ng		99
77) Pyrene	12.83	202	1942525	38.16	ng		100
79) Butylbenzylphthalate	13.46	149	935229	41.95	ng	#	77
80) Benzo(a)anthracene	14.02	228	1630761	37.35	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	236298	15.71	ng		97
82) Chrysene	14.05	228	1387897	35.07	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1175140	40.66	ng		99
84) Di-n-octyl phthalate	14.64	149	1922459	42.65	ng		97
85) Indeno(1,2,3-cd)pyrene	16.88	276	1186511	36.33	ng		99
87) Benzo(b)fluoranthene	15.06	252	1366820	37.41	ng		99
88) Benzo(k)fluoranthene	15.09	252	1359233m	48.83	ng		
89) Benzo(a)pyrene	15.41	252	1223430	42.52	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	996599	37.12	ng		99
91) Benzo(g,h,i)perylene	17.30	276	951040	36.55	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082702.D
Acq On : 4 Nov 2015 15:48
Operator : UM/IZ
Sample : G4240-09MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 05 04:52:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)MS

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:32 PM