Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086764.D
Acq On : 7 May 2016 10:27
Operator : UM/SJ
Sample : PB90333BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90333BSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:36 PM

Quant Time: May 07 23:30:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172341	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	706000	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	336956	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	575466	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	378821	40.00	ng		-0.03
86) Perylene-d12	15.23	264	339371	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1227532	117.92	ng		0.00
7) Phenol-d6	6.37	99	1588999	113.31	ng		0.00
23) Nitrobenzene-d5	7.28	82	988196	71.93	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	369516	112.10	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1599366	77.81	ng		-0.03
78) Terphenyl-d14	12.81	244	1522446	81.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	159295	29.61	ng	#	77
3) Pyridine	3.04	79	378531	28.69	ng	#	68
4) n-Nitrosodimethylamine	2.96	42	312278	39.02	ng	#	50
6) Aniline	6.37	93	359879	20.79	ng	#	12
8) 2-Chlorophenol	6.50	128	453281	36.28	ng		98
9) Benzaldehyde	6.26	77	45043	6.44	ng		99
10) Phenol	6.38	94	527523	34.38	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	501221	37.96	ng		92
12) 1,3-Dichlorobenzene	6.65	146	466951	35.20	ng		98
13) 1,4-Dichlorobenzene	6.72	146	467228m	34.07	ng		
14) 1,2-Dichlorobenzene	6.88	146	448992	37.60	ng		100
15) Benzyl Alcohol	6.86	79	377624	41.62	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	922635	34.17	ng		68
17) 2-Methylphenol	6.99	107	372058	36.99	ng	#	82
18) Hexachloroethane	7.21	117	186825	36.08	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	361396	37.72	ng	#	81
20) 3+4-Methylphenols	7.14	107	475322	40.36	ng	#	69
22) Acetophenone	7.13	105	646388	39.29	ng		99
24) Nitrobenzene	7.30	77	557821	39.27	ng		95
25) Isophorone	7.54	82	943635	36.88	ng		99
26) 2-Nitrophenol	7.62	139	238219	37.59	ng		95
27) 2,4-Dimethylphenol	7.66	122	402657	36.18	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	604190	42.91	ng		99
29) 2,4-Dichlorophenol	7.86	162	368839	38.55	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	409175	38.33	ng		99
31) Naphthalene	8.01	128	1300329	36.05	ng		99
32) Benzoic acid	7.81	122	282551	62.09	ng	#	81
33) 4-Chloroaniline	8.08	127	155604	11.14	ng	#	95
34) Hexachlorobutadiene	8.13	225	233466	38.52	ng		97
35) Caprolactam	8.46	113	117940m	39.82	ng		
36) 4-Chloro-3-methylphenol	8.58	107	432020	39.58	ng		99
37) 2-Methylnaphthalene	8.70	142	867863	40.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	350578	35.94	ng		98
40) Hexachlorocyclopentadiene	8.85	237	418032	91.99	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086764.D
Acq On : 7 May 2016 10:27
Operator : UM/SJ
Sample : PB90333BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90333BSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:36 PM

Quant Time: May 07 23:30:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	248006	39.99	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	248809	38.40	ng	#	82
45) 1,1'-Biphenyl	9.17	154	1098386	39.87	ng		99
46) 2-Chloronaphthalene	9.20	162	819840	38.57	ng		99
47) 2-Nitroaniline	9.30	65	287584	38.05	ng	#	77
48) Acenaphthylene	9.61	152	1283846	40.68	ng		99
49) Dimethylphthalate	9.48	163	944921	37.62	ng		100
50) 2,6-Dinitrotoluene	9.54	165	194127	36.01	ng	#	79
51) Acenaphthene	9.78	154	798160	38.34	ng		99
52) 3-Nitroaniline	9.71	138	128599	20.98	ng	#	78
53) 2,4-Dinitrophenol	9.82	184	240490	96.08	ng	#	79
54) Dibenzofuran	9.95	168	1102743	42.74	ng		97
55) 4-Nitrophenol	9.89	139	218213	61.07	ng	#	40
56) 2,4-Dinitrotoluene	9.94	165	244775	36.64	ng	#	59
57) Fluorene	10.29	166	882868	42.22	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	225260	47.34	ng		97
59) Diethylphthalate	10.18	149	968505	40.74	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	363709	36.58	ng		99
61) 4-Nitroaniline	10.33	138	193333	32.83	ng	#	68
62) Azobenzene	10.44	77	1069625	40.60	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	154536	51.69	ng	#	58
65) n-Nitrosodiphenylamine	10.41	169	722945	39.57	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	247993	43.37	ng	#	88
67) Hexachlorobenzene	10.83	284	259584	37.22	ng	#	69
68) Atrazine	10.94	200	262871	46.94	ng		96
69) Pentachlorophenol	11.04	266	304492	89.24	ng		97
70) Phenanthrene	11.24	178	1141213	36.92	ng		99
71) Anthracene	11.30	178	1319218	40.76	ng		100
72) Carbazole	11.46	167	1100134	39.14	ng		99
73) Di-n-butylphthalate	11.79	149	1286394	38.55	ng	#	98
74) Fluoranthene	12.43	202	1296519	41.85	ng		94
76) Benzidine	12.56	184	234298	26.33	ng		96
77) Pyrene	12.66	202	1258739	41.68	ng		99
79) Butylbenzylphthalate	13.29	149	569058	44.98	ng		97
80) Benzo(a)anthracene	13.84	228	890392	41.56	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	173108	12.86	ng	#	94
82) Chrysene	13.87	228	928312	40.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	707350	48.32	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1301588	60.43	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.52	276	757420	38.62	ng		96
87) Benzo(b)fluoranthene	14.84	252	778374m	38.17	ng		
88) Benzo(k)fluoranthene	14.88	252	869137m	45.24	ng		
89) Benzo(a)pyrene	15.17	252	766951	40.83	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	633496	35.11	ng		98
91) Benzo(g,h,i)perylene	16.91	276	622681	32.87	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086764.D
Acq On : 7 May 2016 10:27
Operator : UM/SJ
Sample : PB90333BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 07 23:30:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90333BSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:36 PM