Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086094.D
Acq On : 6 Apr 2016 13:10
Operator : UM/SJ
Sample : PB89567BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Manual Integrations APPROVED
Sohil
4/7/2016 11:40:38 AM

Quant Time: Apr 07 01:35:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	161466m	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	695449	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	312950	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	598180	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	472696	20.00	ng		-0.02
86) Perylene-d12	15.30	264	347770	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	755587	79.99	ng		-0.02
7) Phenol-d6	6.40	99	953635	79.48	ng		-0.02
23) Nitrobenzene-d5	7.31	82	646680	54.84	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	286261	97.46	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1060450	56.34	ng		-0.03
78) Terphenyl-d14	12.85	244	1141510	56.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	103776	23.17	ng		99
3) Pyridine	3.01	79	308519	30.77	ng		99
4) n-Nitrosodimethylamine	2.97	42	129259	29.32	ng		100
6) Aniline	6.49	93	316781	20.12	ng	#	56
8) 2-Chlorophenol	6.53	128	318284	28.25	ng		96
9) Benzaldehyde	6.29	77	101923	15.79	ng		94
10) Phenol	6.41	94	401503	29.34	ng		88
11) bis(2-Chloroethyl)ether	6.49	93	316781	29.23	ng		98
12) 1,3-Dichlorobenzene	6.68	146	331456m	27.76	ng		
13) 1,4-Dichlorobenzene	6.76	146	335870m	27.30	ng		
14) 1,2-Dichlorobenzene	6.91	146	302019	26.68	ng		96
15) Benzyl Alcohol	6.90	79	226161	29.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350209	26.45	ng		63
17) 2-Methylphenol	7.01	107	253348	28.52	ng		97
18) Hexachloroethane	7.25	117	123858	27.38	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	83811	11.27	ng	#	79
20) 3+4-Methylphenols	7.17	107	329480	30.50	ng	#	67
22) Acetophenone	7.16	105	422146	25.82	ng	#	91
24) Nitrobenzene	7.33	77	335455	26.00	ng		97
25) Isophorone	7.57	82	612364	26.31	ng		99
26) 2-Nitrophenol	7.65	139	176086	28.53	ng		99
27) 2,4-Dimethylphenol	7.70	122	308853	27.86	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	397281	29.09	ng		99
29) 2,4-Dichlorophenol	7.89	162	247002	26.35	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	265932	25.28	ng		97
31) Naphthalene	8.05	128	926523	26.49	ng		99
32) Benzoic acid	7.85	122	191143	23.50	ng		99
33) 4-Chloroaniline	8.11	127	85153	6.03	ng		97
34) Hexachlorobutadiene	8.17	225	137562	24.32	ng		99
35) Caprolactam	8.49	113	89885m	30.23	ng		
36) 4-Chloro-3-methylphenol	8.61	107	287382	27.28	ng		87
37) 2-Methylnaphthalene	8.74	142	570633	24.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	235416	25.03	ng		98
40) Hexachlorocyclopentadiene	8.90	237	182652	60.05	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086094.D
Acq On : 6 Apr 2016 13:10
Operator : UM/SJ
Sample : PB89567BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89567BSD

Manual Integrations APPROVED
Sohil
4/7/2016 11:40:38 AM

Quant Time: Apr 07 01:35:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	169416	28.05	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	173425	28.28	ng		99
45) 1,1'-Biphenyl	9.21	154	673826	24.97	ng		98
46) 2-Chloronaphthalene	9.23	162	501055	25.62	ng		93
47) 2-Nitroaniline	9.33	65	153909	26.89	ng		89
48) Acenaphthylene	9.64	152	797195	25.44	ng		99
49) Dimethylphthalate	9.52	163	646093	27.85	ng		99
50) 2,6-Dinitrotoluene	9.58	165	152612	31.10	ng	#	66
51) Acenaphthene	9.81	154	470635	25.26	ng		99
52) 3-Nitroaniline	9.74	138	61389	10.38	ng		85
53) 2,4-Dinitrophenol	9.87	184	136875	50.68	ng	#	66
54) Dibenzofuran	9.98	168	720199	29.26	ng		95
55) 4-Nitrophenol	9.93	139	171793	49.27	ng		89
56) 2,4-Dinitrotoluene	9.98	165	163087	26.30	ng	#	37
57) Fluorene	10.33	166	539396	25.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	134028	29.35	ng		98
59) Diethylphthalate	10.21	149	657202	28.07	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	287356	29.34	ng	#	84
61) 4-Nitroaniline	10.36	138	156731	26.91	ng		85
62) Azobenzene	10.49	77	710544	31.69	ng		92
64) 4,6-Dinitro-2-methylphenol	10.40	198	95133	26.24	ng		97
65) n-Nitrosodiphenylamine	10.44	169	503446	26.91	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	156155	25.57	ng	#	82
67) Hexachlorobenzene	10.88	284	162887	25.79	ng	#	72
68) Atrazine	10.98	200	172627	28.56	ng		99
69) Pentachlorophenol	11.08	266	169363	57.22	ng		99
70) Phenanthrene	11.29	178	809414	24.80	ng		100
71) Anthracene	11.34	178	953822	27.90	ng		99
72) Carbazole	11.50	167	848770	28.88	ng		99
73) Di-n-butylphthalate	11.82	149	988776	27.16	ng		99
74) Fluoranthene	12.48	202	896755	26.42	ng		95
76) Benzidine	12.60	184	317661	19.05	ng		98
77) Pyrene	12.71	202	930033	27.92	ng		99
79) Butylbenzylphthalate	13.32	149	410223	27.35	ng	#	83
80) Benzo(a)anthracene	13.89	228	695255	24.95	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	94295	4.63	ng	#	95
82) Chrysene	13.93	228	662275	24.68	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	506672	25.45	ng	#	96
84) Di-n-octyl phthalate	14.49	149	784077	24.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	565427	25.97	ng		98
87) Benzo(b)fluoranthene	14.91	252	642591m	29.37	ng		
88) Benzo(k)fluoranthene	14.93	252	481868m	24.87	ng		
89) Benzo(a)pyrene	15.24	252	530448	27.37	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	471148	30.21	ng		98
91) Benzo(g,h,i)perylene	17.05	276	478762	31.72	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086094.D
Acq On : 6 Apr 2016 13:10
Operator : UM/SJ
Sample : PB89567BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 07 01:35:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB89567BSD

Manual Integrations APPROVED
Sohil
4/7/2016 11:40:38 AM