Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089993.D
Acq On : 6 Sep 2016 17:33
Operator : UM/SJ
Sample : PB93246BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Manual Integrations APPROVED
sohil
9/7/2016 8:50:32 AM

Quant Time: Sep 06 18:27:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	219358	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	885209	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	445270	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	819957	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	630649	20.00	ng		-0.02
86) Perylene-d12	15.07	264	550639	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1596270	116.48	ng		0.00
7) Phenol-d6	6.27	99	1956309	117.48	ng		-0.01
23) Nitrobenzene-d5	7.19	82	1111433	72.82	ng		-0.02
41) 2,4,6-Tribromophenol	10.44	330	537777	122.42	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	2185247	80.56	ng		-0.02
78) Terphenyl-d14	12.71	244	2145550	84.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	203468	31.34	ng		98
3) Pyridine	2.78	79	569923	32.90	ng		99
4) n-Nitrosodimethylamine	2.74	42	335581	39.28	ng		92
6) Aniline	6.28	93	597543	26.30	ng	#	84
8) 2-Chlorophenol	6.41	128	587474	39.51	ng		96
9) Benzaldehyde	6.16	77	101334	9.43	ng		98
10) Phenol	6.30	94	641133	33.11	ng	#	73
11) bis(2-Chloroethyl)ether	6.36	93	586924	40.05	ng		94
12) 1,3-Dichlorobenzene	6.56	146	670250	40.36	ng		97
13) 1,4-Dichlorobenzene	6.64	146	675895	39.78	ng		93
14) 1,2-Dichlorobenzene	6.79	146	613867	40.30	ng		99
15) Benzyl Alcohol	6.78	79	456953	43.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1036772	37.11	ng		89
17) 2-Methylphenol	6.90	107	491971	41.43	ng		98
18) Hexachloroethane	7.13	117	231609	39.80	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	418255	38.54	ng		93
20) 3+4-Methylphenols	7.05	107	629593	43.74	ng	#	80
22) Acetophenone	7.04	105	722992	36.41	ng	#	91
24) Nitrobenzene	7.21	77	658690	40.59	ng	#	88
25) Isophorone	7.45	82	1175738	37.88	ng		98
26) 2-Nitrophenol	7.53	139	341527	44.03	ng	#	79
27) 2,4-Dimethylphenol	7.58	122	547189	38.13	ng		99
28) bis(2-Chloroethoxy)methane	7.67	93	731653	39.08	ng		98
29) 2,4-Dichlorophenol	7.77	162	537267	41.77	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	581794	41.37	ng		97
31) Naphthalene	7.93	128	1804683	40.92	ng		99
32) Benzoic acid	7.72	122	341248	35.30	ng		97
33) 4-Chloroaniline	7.99	127	295712	16.62	ng		95
34) Hexachlorobutadiene	8.06	225	338603	41.09	ng		96
35) Caprolactam	8.36	113	181100m	44.60	ng		
36) 4-Chloro-3-methylphenol	8.48	107	538764	39.55	ng		86
37) 2-Methylnaphthalene	8.62	142	1139896	39.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	491330	37.67	ng		99
40) Hexachlorocyclopentadiene	8.78	237	602368	90.06	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089993.D
Acq On : 6 Sep 2016 17:33
Operator : UM/SJ
Sample : PB93246BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93246BS

Manual Integrations APPROVED
sohil
9/7/2016 8:50:32 AM

Quant Time: Sep 06 18:27:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	403317	44.62	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	396966	45.67	ng	#	93
45) 1,1'-Biphenyl	9.08	154	1308875	36.51	ng		97
46) 2-Chloronaphthalene	9.11	162	1093332	43.11	ng		93
47) 2-Nitroaniline	9.21	65	364425	43.96	ng	#	60
48) Acenaphthylene	9.52	152	1661950	39.63	ng		98
49) Dimethylphthalate	9.39	163	1227574	38.14	ng		99
50) 2,6-Dinitrotoluene	9.45	165	310681	43.40	ng		96
51) Acenaphthene	9.69	154	1115331	41.98	ng		99
52) 3-Nitroaniline	9.62	138	244243	29.92	ng	#	69
53) 2,4-Dinitrophenol	9.72	184	354562	73.67	ng	#	79
54) Dibenzofuran	9.86	168	1602753	45.02	ng		95
55) 4-Nitrophenol	9.80	139	558677	90.73	ng		95
56) 2,4-Dinitrotoluene	9.85	165	360980	39.77	ng	#	83
57) Fluorene	10.19	166	1024482	39.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	338413	45.47	ng		97
59) Diethylphthalate	10.09	149	1195793	39.50	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	479717	39.18	ng	#	84
61) 4-Nitroaniline	10.24	138	367509	45.82	ng		98
62) Azobenzene	10.35	77	1338353	44.26	ng		95
64) 4,6-Dinitro-2-methylphenol	10.26	198	250141	47.65	ng	#	49
65) n-Nitrosodiphenylamine	10.32	169	1095145	44.43	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	381724	46.24	ng	#	81
67) Hexachlorobenzene	10.74	284	417442	44.27	ng	#	81
68) Atrazine	10.86	200	383814	46.64	ng		90
69) Pentachlorophenol	10.94	266	424059	83.60	ng		99
70) Phenanthrene	11.15	178	1840708	45.08	ng		99
71) Anthracene	11.20	178	1764666	42.61	ng		99
72) Carbazole	11.36	167	1711804	44.08	ng		100
73) Di-n-butylphthalate	11.70	149	1926898	42.57	ng		100
74) Fluoranthene	12.32	202	1726946	40.36	ng		95
76) Benzidine	12.46	184	815810	34.15	ng		96
77) Pyrene	12.55	202	1836240	41.30	ng		99
79) Butylbenzylphthalate	13.19	149	850794	47.45	ng	#	78
80) Benzo(a)anthracene	13.73	228	1628747	42.17	ng		98
81) 3,3'-Dichlorobenzidine	13.70	252	362496	26.00	ng	#	96
82) Chrysene	13.76	228	1501718	41.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	1056710	42.61	ng	#	98
84) Di-n-octyl phthalate	14.35	149	1825602	45.60	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1215219	45.56	ng		99
87) Benzo(b)fluoranthene	14.72	252	1526476m	44.25	ng		
88) Benzo(k)fluoranthene	14.74	252	1216653m	41.56	ng		
89) Benzo(a)pyrene	15.03	252	1337817	45.27	ng	#	97
90) Dibenzo(a,h)anthracene	16.32	278	1005309	46.42	ng		97
91) Benzo(g,h,i)perylene	16.66	276	1009880	46.33	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089993.D
Acq On : 6 Sep 2016 17:33
Operator : UM/SJ
Sample : PB93246BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 18:27:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Manual Integrations APPROVED
sohil
9/7/2016 8:50:32 AM