Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090860.D
Acq On : 27 Oct 2016 00:26
Operator : UM/SJ
Sample : PB94264BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Manual Integrations APPROVED
sohil
10/27/2016 3:44:57 PM

Quant Time: Oct 27 03:23:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	150489m	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	614867	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	345365	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	602575	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	514208	20.00	ng		-0.01
86) Perylene-d12	15.36	264	343166	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	128430	14.92	ng		-0.01
7) Phenol-d6	6.42	99	176116m	15.17	ng		-0.02
23) Nitrobenzene-d5	7.34	82	120493	12.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	45610	12.85	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	242692	12.34	ng		-0.02
78) Terphenyl-d14	12.90	244	243408	11.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	22998	5.23	ng	#	76
3) Pyridine	3.12	79	42486	3.56	ng	#	69
4) n-Nitrosodimethylamine	3.05	42	11232	3.34	ng	#	80
6) Aniline	6.52	93	60499	4.56	ng	#	62
8) 2-Chlorophenol	6.57	128	56357	5.31	ng		98
9) Benzaldehyde	6.43	77	9391	1.57	ng	#	64
10) Phenol	6.43	94	70497	5.51	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	60618	5.73	ng	#	83
12) 1,3-Dichlorobenzene	6.73	146	54673m	5.03	ng		
13) 1,4-Dichlorobenzene	6.81	146	61455m	5.38	ng		
14) 1,2-Dichlorobenzene	6.96	146	63068	5.76	ng		94
15) Benzyl Alcohol	6.93	79	30543m	4.00	ng		
16) 2,2'-oxybis(1-Chloropropan	7.07	45	70871	6.73	ng		65
17) 2-Methylphenol	7.05	107	44147m	5.47	ng		
18) Hexachloroethane	7.30	117	24460	5.88	ng	#	85
19) n-Nitroso-di-n-propylamine	7.20	70	41421m	6.17	ng		
20) 3+4-Methylphenols	7.21	107	53290m	5.70	ng		
22) Acetophenone	7.20	105	75426	5.96	ng	#	80
24) Nitrobenzene	7.37	77	56572	5.69	ng	#	66
25) Isophorone	7.61	82	123166	6.46	ng	#	88
26) 2-Nitrophenol	7.69	139	24274	4.56	ng	#	51
27) 2,4-Dimethylphenol	7.73	122	45726	5.31	ng	#	83
28) bis(2-Chloroethoxy)methane	7.82	93	62680	5.78	ng	#	93
29) 2,4-Dichlorophenol	7.94	162	39007	4.89	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	48970	5.31	ng		97
31) Naphthalene	8.10	128	166443	5.79	ng		99
32) Benzoic acid	7.81	122	13853	2.21	ng	#	85
33) 4-Chloroaniline	8.16	127	30353	2.61	ng	#	91
34) Hexachlorobutadiene	8.21	225	26406	4.87	ng		97
35) Caprolactam	8.48	113	11790	4.76	ng	#	80
36) 4-Chloro-3-methylphenol	8.64	107	42732	4.92	ng		89
37) 2-Methylnaphthalene	8.78	142	103807	5.59	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	46849	4.94	ng		99
40) Hexachlorocyclopentadiene	8.94	237	39519	9.07	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090860.D
Acq On : 27 Oct 2016 00:26
Operator : UM/SJ
Sample : PB94264BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Manual Integrations APPROVED
sohil
10/27/2016 3:44:57 PM

Quant Time: Oct 27 03:23:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	25892	4.23	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	31143	4.94	ng	#	93
45) 1,1'-Biphenyl	9.25	154	134583	5.41	ng		96
46) 2-Chloronaphthalene	9.28	162	104816	5.54	ng		95
47) 2-Nitroaniline	9.38	65	27850	5.22	ng	#	77
48) Acenaphthylene	9.69	152	170322	5.94	ng		98
49) Dimethylphthalate	9.55	163	129213	5.60	ng	#	97
50) 2,6-Dinitrotoluene	9.61	165	22812	4.48	ng	#	21
51) Acenaphthene	9.86	154	116052	5.88	ng		90
52) 3-Nitroaniline	9.79	138	20934	3.86	ng	#	56
53) 2,4-Dinitrophenol	9.89	184	10891	4.06	ng	#	17
54) Dibenzofuran	10.03	168	144070	5.66	ng	#	85
55) 4-Nitrophenol	9.96	139	13021	3.94	ng	#	33
56) 2,4-Dinitrotoluene	10.02	165	30055	4.75	ng	#	79
57) Fluorene	10.37	166	123072	5.90	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.16	232	26262	4.67	ng	#	94
59) Diethylphthalate	10.25	149	132876	5.80	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	51480	5.06	ng		94
61) 4-Nitroaniline	10.41	138	20852	3.88	ng	#	48
62) Azobenzene	10.52	77	144432	6.41	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.42	198	11204	2.80	ng	#	70
65) n-Nitrosodiphenylamine	10.49	169	94357	5.11	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	28351	4.30	ng		92
67) Hexachlorobenzene	10.92	284	35661	4.57	ng		91
68) Atrazine	11.01	200	27941	4.89	ng		84
69) Pentachlorophenol	11.12	266	29771	7.11	ng		96
70) Phenanthrene	11.33	178	175223	5.71	ng		97
71) Anthracene	11.39	178	171234	5.30	ng		99
72) Carbazole	11.55	167	142901	5.01	ng		96
73) Di-n-butylphthalate	11.88	149	210046	5.71	ng	#	98
74) Fluoranthene	12.52	202	176987	5.27	ng		91
76) Benzidine	12.67	184	21582	1.92	ng		95
77) Pyrene	12.75	202	177887	5.47	ng		96
79) Butylbenzylphthalate	13.38	149	77984	5.28	ng		98
80) Benzo(a)anthracene	13.94	228	145882m	5.35	ng		
81) 3,3'-Dichlorobenzidine	13.91	252	33449	3.16	ng	#	93
82) Chrysene	13.97	228	156190m	5.66	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	125798	6.54	ng	#	91
84) Di-n-octyl phthalate	14.55	149	176861	5.48	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.72	276	102515	4.19	ng	#	92
87) Benzo(b)fluoranthene	14.96	252	102376m	4.44	ng		
88) Benzo(k)fluoranthene	14.98	252	113900m	6.25	ng		
89) Benzo(a)pyrene	15.30	252	103877	5.24	ng	#	91
90) Dibenzo(a,h)anthracene	16.74	278	85423	5.09	ng	#	83
91) Benzo(g,h,i)perylene	17.13	276	81183	5.14	ng	#	79

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090860.D
Acq On : 27 Oct 2016 00:26
Operator : UM/SJ
Sample : PB94264BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 27 03:23:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Manual Integrations APPROVED
sohil
10/27/2016 3:44:57 PM