Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086858.D
Acq On : 10 May 2016 14:25
Operator : UM/SJ
Sample : PB90408BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Manual Integrations APPROVED
sohil
5/11/2016 8:15:05 PM

Quant Time: May 11 04:21:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	149801	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	638048	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	300824	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	570275	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	412780	20.00	ng		0.00
86) Perylene-d12	15.20	264	368709	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1044158	118.04	ng		0.00
7) Phenol-d6	6.35	99	1405733	118.91	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1034743	81.43	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	436283	136.99	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1685629	94.17	ng		0.00
78) Terphenyl-d14	12.79	244	1518286	78.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	131248	30.22	ng	#	65
3) Pyridine	2.92	79	344416	32.44	ng	#	66
4) n-Nitrosodimethylamine	2.86	42	302184	39.25	ng	#	48
6) Aniline	6.36	93	411085	28.75	ng	#	1
8) 2-Chlorophenol	6.48	128	437124	40.95	ng		92
9) Benzaldehyde	6.24	77	40332	5.89	ng		95
10) Phenol	6.36	94	607245	43.22	ng	#	69
11) bis(2-Chloroethyl)ether	6.43	93	431741m	39.41	ng		
12) 1,3-Dichlorobenzene	6.62	146	457245	39.59	ng		98
13) 1,4-Dichlorobenzene	6.70	146	461757	39.20	ng		97
14) 1,2-Dichlorobenzene	6.85	146	409077	39.85	ng		96
15) Benzyl Alcohol	6.84	79	363643	44.55	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	6.98	45	932357	39.14	ng		99
17) 2-Methylphenol	6.97	107	359016	42.27	ng	#	84
18) Hexachloroethane	7.20	117	175913	39.69	ng	#	89
19) n-Nitroso-di-n-propylamine	7.12	70	363166	43.96	ng	#	72
20) 3+4-Methylphenols	7.13	107	478118	43.10	ng	#	61
22) Acetophenone	7.10	105	612250	40.62	ng	#	98
24) Nitrobenzene	7.28	77	478716	36.62	ng		97
25) Isophorone	7.52	82	916397	38.87	ng		99
26) 2-Nitrophenol	7.60	139	237953	41.41	ng	#	82
27) 2,4-Dimethylphenol	7.65	122	412653	42.16	ng		94
28) bis(2-Chloroethoxy)methane	7.73	93	534652	42.04	ng		98
29) 2,4-Dichlorophenol	7.85	162	380797	44.20	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	390489	40.54	ng		96
31) Naphthalene	8.00	128	1296120	40.56	ng		99
32) Benzoic acid	7.80	122	224155	38.99	ng	#	83
33) 4-Chloroaniline	8.05	127	233842	18.83	ng	#	90
34) Hexachlorobutadiene	8.11	225	203753	36.46	ng		99
35) Caprolactam	8.44	113	121233m	41.36	ng		
36) 4-Chloro-3-methylphenol	8.56	107	403675	38.64	ng		90
37) 2-Methylnaphthalene	8.68	142	788632	42.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	356290	40.74	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	399451	96.22	ng		94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086858.D
Acq On : 10 May 2016 14:25
Operator : UM/SJ
Sample : PB90408BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Manual Integrations APPROVED
sohil
5/11/2016 8:15:05 PM

Quant Time: May 11 04:21:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	255088	43.61	ng		92
43) 2,4,5-Trichlorophenol	9.02	196	269286	44.52	ng	#	91
45) 1,1'-Biphenyl	9.15	154	988655	41.32	ng		96
46) 2-Chloronaphthalene	9.17	162	765008	40.81	ng		95
47) 2-Nitroaniline	9.29	65	307100	44.82	ng		96
48) Acenaphthylene	9.58	152	1116236	40.48	ng		99
49) Dimethylphthalate	9.46	163	977205	42.58	ng		99
50) 2,6-Dinitrotoluene	9.53	165	231574	47.94	ng		86
51) Acenaphthene	9.76	154	711946	41.51	ng		99
52) 3-Nitroaniline	9.70	138	133421	26.24	ng		97
53) 2,4-Dinitrophenol	9.80	184	210526	84.78	ng	#	71
54) Dibenzofuran	9.93	168	987094	44.83	ng		94
55) 4-Nitrophenol	9.88	139	250803	74.32	ng	#	49
56) 2,4-Dinitrotoluene	9.93	165	242477	40.57	ng	#	68
57) Fluorene	10.27	166	771031	41.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	221935	48.74	ng		98
59) Diethylphthalate	10.16	149	866341	38.74	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	398395	50.18	ng	#	79
61) 4-Nitroaniline	10.32	138	226707	46.42	ng	#	76
62) Azobenzene	10.43	77	1118746	46.37	ng		87
64) 4,6-Dinitro-2-methylphenol	10.34	198	163926	46.27	ng		88
65) n-Nitrosodiphenylamine	10.40	169	774166	44.19	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	234592	40.57	ng		95
67) Hexachlorobenzene	10.82	284	299596	44.34	ng		98
68) Atrazine	10.92	200	231090	39.48	ng		95
69) Pentachlorophenol	11.01	266	282309	90.40	ng		98
70) Phenanthrene	11.23	178	1343736	44.15	ng		99
71) Anthracene	11.28	178	1195945	38.42	ng		100
72) Carbazole	11.44	167	1141607	42.67	ng		98
73) Di-n-butylphthalate	11.77	149	1410247	43.16	ng	#	98
74) Fluoranthene	12.41	202	1283566	41.01	ng		97
76) Benzidine	12.55	184	435361	41.37	ng		96
77) Pyrene	12.64	202	1380202	43.67	ng		100
79) Butylbenzylphthalate	13.27	149	640640	47.93	ng		91
80) Benzo(a)anthracene	13.81	228	1014783	43.79	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	262318	17.82	ng	#	96
82) Chrysene	13.86	228	1105503	46.90	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	774091	48.14	ng	#	99
84) Di-n-octyl phthalate	14.43	149	1336967	50.20	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	830604	42.35	ng		95
87) Benzo(b)fluoranthene	14.83	252	1213256m	50.63	ng		
88) Benzo(k)fluoranthene	14.85	252	754723m	38.47	ng		
89) Benzo(a)pyrene	15.15	252	897363	43.42	ng		99
90) Dibenzo(a,h)anthracene	16.51	278	688846	39.54	ng	#	92
91) Benzo(g,h,i)perylene	16.88	276	690802	39.03	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086858.D
Acq On : 10 May 2016 14:25
Operator : UM/SJ
Sample : PB90408BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 04:21:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Manual Integrations APPROVED
sohil
5/11/2016 8:15:05 PM