Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090820.D
Acq On : 25 Oct 2016 21:06
Operator : UM/SJ
Sample : H5394-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMS

Manual Integrations APPROVED
umangi
10/26/2016 4:46:08 PM

Quant Time: Oct 26 01:16:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	176060	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	757187	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	431777	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	695056	20.00	ng		0.01
75) Chrysene-d12	13.97	240	453375	20.00	ng		0.01
86) Perylene-d12	15.38	264	375066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1630092	149.32	ng		0.02
7) Phenol-d6	6.45	99	1881654	127.25	ng		0.01
23) Nitrobenzene-d5	7.37	82	1114730	80.75	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	593500	173.66	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2390249	85.94	ng		0.00
78) Terphenyl-d14	12.92	244	2460782	124.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	248874	39.40	ng	#	78
3) Pyridine	3.14	79	697698	47.14	ng	#	71
4) n-Nitrosodimethylamine	3.09	42	240824	47.55	ng	#	66
6) Aniline	6.46	93	466086	27.80	ng	#	1
8) 2-Chlorophenol	6.59	128	609620	46.52	ng		96
9) Benzaldehyde	6.34	77	99219	12.27	ng	#	72
10) Phenol	6.46	94	812835	48.90	ng	#	66
11) bis(2-Chloroethyl)ether	6.54	93	616146	44.12	ng		86
12) 1,3-Dichlorobenzene	6.74	146	623769	47.39	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	682685	48.89	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	581606m	42.55	ng		
15) Benzyl Alcohol	6.96	79	436275	43.44	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.08	45	535168	25.59	ng		50
17) 2-Methylphenol	7.07	107	477580	48.37	ng	#	85
18) Hexachloroethane	7.31	117	226553	39.97	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	414166	37.61	ng	#	67
20) 3+4-Methylphenols	7.22	107	585644	50.04	ng	#	55
22) Acetophenone	7.22	105	764463	45.30	ng	#	86
24) Nitrobenzene	7.39	77	604319	40.38	ng	#	76
25) Isophorone	7.63	82	1117228	42.75	ng	#	93
26) 2-Nitrophenol	7.71	139	365001	59.70	ng	#	91
27) 2,4-Dimethylphenol	7.76	122	569714	52.55	ng		86
28) bis(2-Chloroethoxy)methane	7.85	93	741011	51.83	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	514208	57.79	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	554227	52.93	ng		98
31) Naphthalene	8.11	128	1737324	46.90	ng		97
32) Benzoic acid	7.87	122	143681	23.39	ng	#	73
33) 4-Chloroaniline	8.17	127	230146	16.75	ng	#	97
34) Hexachlorobutadiene	8.22	225	315397	53.57	ng		98
35) Caprolactam	8.54	113	158266m	62.28	ng		
36) 4-Chloro-3-methylphenol	8.66	107	533938	51.60	ng		89
37) 2-Methylnaphthalene	8.81	142	1204093	55.62	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	529509	45.42	ng		98
40) Hexachlorocyclopentadiene	8.96	237	560225	102.35	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090820.D
Acq On : 25 Oct 2016 21:06
Operator : UM/SJ
Sample : H5394-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMS

Manual Integrations APPROVED
umangi
10/26/2016 4:46:08 PM

Quant Time: Oct 26 01:16:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	365641	50.57	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	398158	54.26	ng	#	90
45) 1,1'-Biphenyl	9.26	154	1376566	40.60	ng		93
46) 2-Chloronaphthalene	9.29	162	1105718	43.87	ng	#	91
47) 2-Nitroaniline	9.39	65	316688	37.86	ng	#	80
48) Acenaphthylene	9.71	152	1827093	47.51	ng		95
49) Dimethylphthalate	9.58	163	1835924	67.67	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	343663	58.90	ng	#	90
51) Acenaphthene	9.88	154	1118836	43.83	ng		88
52) 3-Nitroaniline	9.80	138	187617	27.97	ng	#	61
53) 2,4-Dinitrophenol	9.92	184	259555	78.41	ng	#	83
54) Dibenzofuran	10.05	168	1575496	50.95	ng	#	88
55) 4-Nitrophenol	9.98	139	472192	112.03	ng	#	85
56) 2,4-Dinitrotoluene	10.04	165	408881	57.34	ng	#	91
57) Fluorene	10.40	166	1274276	49.72	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.18	232	344807	59.88	ng		94
59) Diethylphthalate	10.28	149	1379247	49.01	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	567679	48.47	ng	#	88
61) 4-Nitroaniline	10.43	138	300672	44.26	ng	#	71
62) Azobenzene	10.54	77	1179441	35.79	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	228160	51.13	ng	#	63
65) n-Nitrosodiphenylamine	10.51	169	1083776	48.67	ng		90
66) 4-Bromophenyl-phenylether	10.88	248	393991	58.47	ng		95
67) Hexachlorobenzene	10.94	284	493789	62.10	ng	#	80
68) Atrazine	11.05	200	373052	60.70	ng		86
69) Pentachlorophenol	11.14	266	490372	92.26	ng		99
70) Phenanthrene	11.36	178	1817995m	51.32	ng		
71) Anthracene	11.40	178	1787725	45.50	ng		96
72) Carbazole	11.56	167	1579951	48.10	ng		93
73) Di-n-butylphthalate	11.89	149	1873903	43.98	ng	#	97
74) Fluoranthene	12.55	202	1879469	54.84	ng		87
76) Benzidine	12.67	184	377868	37.54	ng		98
77) Pyrene	12.77	202	1829849	57.79	ng		96
79) Butylbenzylphthalate	13.39	149	829974	57.02	ng	#	85
80) Benzo(a)anthracene	13.96	228	1298324	52.33	ng		97
81) 3,3'-Dichlorobenzidine	13.93	252	294639	34.27	ng	#	91
82) Chrysene	14.00	228	1380276m	57.00	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1115904	53.59	ng	#	99
84) Di-n-octyl phthalate	14.57	149	1742710	55.14	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1208319	57.20	ng	#	90
87) Benzo(b)fluoranthene	14.98	252	1110487m	48.15	ng		
88) Benzo(k)fluoranthene	15.01	252	1268355m	54.72	ng		
89) Benzo(a)pyrene	15.32	252	1103923	51.02	ng	#	90
90) Dibenzo(a,h)anthracene	16.77	278	1016961	48.95	ng	#	83
91) Benzo(g,h,i)perylene	17.17	276	971821	48.23	ng	#	78

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090820.D
Acq On : 25 Oct 2016 21:06
Operator : UM/SJ
Sample : H5394-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 26 01:16:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMS

Manual Integrations APPROVED
umangi
10/26/2016 4:46:08 PM