Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080733.D
Acq On : 31 Jul 2015 14:37
Operator : TP/UM
Sample : PB84695BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:23 AM

Quant Time: Aug 01 01:26:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155306	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	573424	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	305393	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	543123	20.00	ng		0.00
75) Chrysene-d12	14.00	240	334262	20.00	ng		0.00
86) Perylene-d12	15.41	264	280530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1087711	120.15	ng		0.02
7) Phenol-d6	6.49	99	1475620	119.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	1066008	90.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	444106	140.14	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1822812	89.05	ng		0.00
78) Terphenyl-d14	12.96	244	1682443	95.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	156547	35.06	ng		98
3) Pyridine	3.31	79	372557	30.08	ng		98
4) n-Nitrosodimethylamine	3.26	42	286340	40.44	ng		99
6) Aniline	6.52	93	313684	17.68	ng		95
8) 2-Chlorophenol	6.64	128	384773	37.92	ng		96
9) Benzaldehyde	6.40	77	55210	5.73	ng		89
10) Phenol	6.50	94	541045	37.93	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	407402	39.99	ng		98
12) 1,3-Dichlorobenzene	6.80	146	463681	41.05	ng		97
13) 1,4-Dichlorobenzene	6.88	146	458372	39.77	ng		98
14) 1,2-Dichlorobenzene	7.02	146	438396	41.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	935207	42.96	ng		97
17) 2-Methylphenol	7.12	107	346173	41.56	ng		95
18) Hexachloroethane	7.37	117	176271	40.98	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	354586	42.72	ng	#	93
20) 3+4-Methylphenols	7.26	107	464698	45.22	ng	#	88
22) Acetophenone	7.26	105	562621	40.65	ng	#	93
24) Nitrobenzene	7.44	77	530245	44.70	ng		97
25) Isophorone	7.68	82	866366	41.14	ng		98
26) 2-Nitrophenol	7.76	139	225057m	46.73	ng		
27) 2,4-Dimethylphenol	7.80	122	459784m	50.82	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	565323	45.31	ng		99
29) 2,4-Dichlorophenol	8.00	162	351988	43.77	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	351716	40.11	ng		98
31) Naphthalene	8.16	128	1100718	38.46	ng		99
32) Benzoic acid	7.92	122	241028m	38.06	ng		
33) 4-Chloroaniline	8.21	127	75785	6.27	ng		96
34) Hexachlorobutadiene	8.28	225	239426	42.29	ng		98
35) Caprolactam	8.57	113	103035m	42.79	ng		
36) 4-Chloro-3-methylphenol	8.70	107	403923	46.59	ng	#	87
37) 2-Methylnaphthalene	8.85	142	803314	44.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	324799	33.87	ng		98
40) Hexachlorocyclopentadiene	9.00	237	469242	79.53	ng		98
42) 2,4,6-Trichlorophenol	9.13	196	236558	35.46	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080733.D
Acq On : 31 Jul 2015 14:37
Operator : TP/UM
Sample : PB84695BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 01 01:26:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	284372	42.97	ng		95
45) 1,1'-Biphenyl	9.31	154	884923	37.79	ng		95
46) 2-Chloronaphthalene	9.33	162	699223	36.56	ng	#	89
47) 2-Nitroaniline	9.44	65	309090	41.54	ng		96
48) Acenaphthylene	9.76	152	1209168	39.76	ng		99
49) Dimethylphthalate	9.62	163	890257	41.37	ng		99
50) 2,6-Dinitrotoluene	9.68	165	198426	43.44	ng		97
51) Acenaphthene	9.93	154	882184	47.55	ng		99
52) 3-Nitroaniline	9.84	138	76459	14.51	ng	#	55
53) 2,4-Dinitrophenol	9.95	184	246652	101.39	ng	#	60
54) Dibenzofuran	10.10	168	1067766	43.03	ng		99
55) 4-Nitrophenol	10.00	139	237442	61.15	ng	#	53
56) 2,4-Dinitrotoluene	10.08	165	256174	42.77	ng		93
57) Fluorene	10.44	166	810338	42.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228280	45.74	ng		97
59) Diethylphthalate	10.32	149	848371	40.90	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	367561	44.09	ng		97
61) 4-Nitroaniline	10.45	138	159030	33.42	ng		96
62) Azobenzene	10.59	77	1047657	46.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	135555	41.44	ng		93
65) n-Nitrosodiphenylamine	10.54	169	651985	36.62	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	259570	46.30	ng		94
67) Hexachlorobenzene	10.98	284	256527	39.57	ng		96
68) Atrazine	11.07	200	69951	12.76	ng		97
69) Pentachlorophenol	11.17	266	308243	78.58	ng		97
70) Phenanthrene	11.39	178	1052590	38.47	ng		100
71) Anthracene	11.45	178	1212793	45.11	ng		100
72) Carbazole	11.60	167	863114	36.99	ng		98
73) Di-n-butylphthalate	11.94	149	1360957	47.03	ng		99
74) Fluoranthene	12.58	202	1196729	45.24	ng		98
76) Benzidine	12.71	184	159339	13.09	ng		99
77) Pyrene	12.81	202	1166862	45.01	ng		100
79) Butylbenzylphthalate	13.43	149	466437	43.43	ng		92
80) Benzo(a)anthracene	13.99	228	808567	40.22	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	145237	21.17	ng		98
82) Chrysene	14.02	228	740145	37.93	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	600121	46.50	ng	#	93
84) Di-n-octyl phthalate	14.60	149	1008252	46.59	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	728840	41.63	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	752555	44.91	ng	#	96
88) Benzo(k)fluoranthene	15.04	252	556093m	40.32	ng		
89) Benzo(a)pyrene	15.36	252	629226	45.74	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	619073	50.27	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	616791	50.90	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080733.D
Acq On : 31 Jul 2015 14:37
Operator : TP/UM
Sample : PB84695BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 01 01:26:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:23 AM