Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083008.D
Acq On : 18 Nov 2015 14:09
Operator : UM/IZ
Sample : PB86622BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 02:25:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163835	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	586480	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	321288	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	566622	20.00	ng		0.00
75) Chrysene-d12	13.88	240	443487	20.00	ng		-0.01
86) Perylene-d12	15.27	264	336678	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1210864	114.99	ng		0.01
7) Phenol-d6	6.38	99	1663258	118.82	ng		-0.01
23) Nitrobenzene-d5	7.30	82	976661	72.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	406251	110.28	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1826370	81.47	ng		0.00
78) Terphenyl-d14	12.84	244	1720908	92.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	156903	34.53	ng		94
3) Pyridine	2.99	79	433469	32.88	ng		94
4) n-Nitrosodimethylamine	2.93	42	228969	35.02	ng	#	76
6) Aniline	6.40	93	248848	12.66	ng	#	1
8) 2-Chlorophenol	6.52	128	460707	39.47	ng		93
9) Benzaldehyde	6.27	77	375228	48.52	ng		91
10) Phenol	6.41	94	519066	32.68	ng	#	71
11) bis(2-Chloroethyl)ether	6.48	93	535355	45.07	ng	#	83
12) 1,3-Dichlorobenzene	6.67	146	477686m	36.28	ng		
13) 1,4-Dichlorobenzene	6.75	146	524041	38.26	ng		93
14) 1,2-Dichlorobenzene	6.90	146	438674	35.22	ng		95
15) Benzyl Alcohol	6.89	79	439224	35.73	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.02	45	729471	41.87	ng		96
17) 2-Methylphenol	7.01	107	368356	37.26	ng		95
18) Hexachloroethane	7.24	117	170027	34.71	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	363844	35.36	ng	#	81
20) 3+4-Methylphenols	7.16	107	474015	36.88	ng	#	62
22) Acetophenone	7.15	105	642371	38.23	ng		96
24) Nitrobenzene	7.32	77	545107	39.55	ng		97
25) Isophorone	7.56	82	934241	37.46	ng		99
26) 2-Nitrophenol	7.64	139	227366	39.52	ng	#	54
27) 2,4-Dimethylphenol	7.69	122	366115	35.42	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	581055	41.31	ng		98
29) 2,4-Dichlorophenol	7.88	162	357049	38.22	ng		88
30) 1,2,4-Trichlorobenzene	7.96	180	387012	36.83	ng		98
31) Naphthalene	8.04	128	1253341	38.73	ng		99
32) Benzoic acid	7.82	122	261102	36.89	ng		87
33) 4-Chloroaniline	8.09	127	73459	5.27	ng		93
34) Hexachlorobutadiene	8.17	225	247618	37.66	ng		99
35) Caprolactam	8.46	113	124794m	42.37	ng		
36) 4-Chloro-3-methylphenol	8.59	107	423122	38.51	ng		91
37) 2-Methylnaphthalene	8.74	142	860698m	41.12	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	370032	35.05	ng		98
40) Hexachlorocyclopentadiene	8.90	237	436006	76.87	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083008.D
Acq On : 18 Nov 2015 14:09
Operator : UM/IZ
Sample : PB86622BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:34 PM

Quant Time: Nov 19 02:25:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	279557	35.47	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	314073	40.29	ng	#	90
45) 1,1'-Biphenyl	9.20	154	943809	34.23	ng		96
46) 2-Chloronaphthalene	9.22	162	783232	36.42	ng		98
47) 2-Nitroaniline	9.31	65	280750	35.19	ng		91
48) Acenaphthylene	9.63	152	1220124	36.20	ng		99
49) Dimethylphthalate	9.50	163	915788	34.79	ng		99
50) 2,6-Dinitrotoluene	9.56	165	216341	38.52	ng		94
51) Acenaphthene	9.80	154	896263	41.96	ng		99
52) 3-Nitroaniline	9.72	138	42879	6.94	ng	#	85
53) 2,4-Dinitrophenol	9.84	184	234352	76.00	ng	#	21
54) Dibenzofuran	9.97	168	1050987	36.49	ng		95
55) 4-Nitrophenol	9.92	139	397902	83.97	ng	#	70
56) 2,4-Dinitrotoluene	9.96	165	256571	33.67	ng		95
57) Fluorene	10.32	166	804299	34.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	236281	37.14	ng	#	92
59) Diethylphthalate	10.20	149	933983	36.34	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	441521	37.84	ng		98
61) 4-Nitroaniline	10.34	138	186272	29.99	ng	#	80
62) Azobenzene	10.48	77	1236082	44.77	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	171718	42.54	ng		91
65) n-Nitrosodiphenylamine	10.43	169	746927	36.49	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	252507	37.01	ng	#	70
67) Hexachlorobenzene	10.86	284	276378	36.28	ng	#	80
68) Atrazine	10.97	200	259795	41.04	ng		96
69) Pentachlorophenol	11.06	266	313412	67.75	ng		99
70) Phenanthrene	11.28	178	1417124	43.07	ng		98
71) Anthracene	11.32	178	1261431	36.39	ng		98
72) Carbazole	11.48	167	1185141	39.06	ng		98
73) Di-n-butylphthalate	11.82	149	1608806	42.56	ng		99
74) Fluoranthene	12.45	202	1272334	36.03	ng		98
76) Benzidine	12.58	184	509820	34.30	ng		99
77) Pyrene	12.68	202	1267280	41.61	ng		99
79) Butylbenzylphthalate	13.31	149	605184	44.98	ng		95
80) Benzo(a)anthracene	13.87	228	1156576	41.70	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	136240	13.82	ng	#	97
82) Chrysene	13.91	228	998499m	39.31	ng		
83) Bis(2-ethylhexyl)phthalate	13.88	149	847800	46.04	ng		100
84) Di-n-octyl phthalate	14.49	149	1368966	44.56	ng		96
85) Indeno(1,2,3-cd)pyrene	16.58	276	856736	39.16	ng		97
87) Benzo(b)fluoranthene	14.89	252	1019963m	47.20	ng		
88) Benzo(k)fluoranthene	14.91	252	719650m	37.54	ng		
89) Benzo(a)pyrene	15.22	252	818543	43.72	ng	#	97
90) Dibenzo(a,h)anthracene	16.60	278	722154	45.55	ng		99
91) Benzo(g,h,i)perylene	16.98	276	737534	48.57	ng		98

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083008.D
Acq On : 18 Nov 2015 14:09
Operator : UM/IZ
Sample : PB86622BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 02:25:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86622BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:34 PM