Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081343.D
Acq On : 2 Sep 2015 12:21
Operator : UM/IZ
Sample : PB85323BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85323BS

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:43:12 PM

Quant Time: Sep 02 23:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	70583	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	261956	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	118809	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	248986	20.00	ng		0.00
75) Chrysene-d12	13.50	240	216516	20.00	ng		0.00
86) Perylene-d12	14.80	264	149912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	412536	90.68	ng		0.02
7) Phenol-d6	6.06	99	567452	94.23	ng		0.00
23) Nitrobenzene-d5	6.97	82	383521	70.64	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	104709	98.98	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	664589	71.68	ng		0.00
78) Terphenyl-d14	12.47	244	558714	60.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	53928	26.39	ng		91
3) Pyridine	2.38	79	157644	27.98	ng		92
4) n-Nitrosodimethylamine	2.34	42	96303	30.77	ng	#	77
6) Aniline	6.04	93	162681	19.13	ng	#	68
8) 2-Chlorophenol	6.17	128	153064	30.53	ng	#	81
9) Benzaldehyde	5.92	77	19686	5.22	ng	#	69
10) Phenol	6.07	94	232034	33.23	ng	#	54
11) bis(2-Chloroethyl)ether	6.14	93	150694	29.91	ng		84
12) 1,3-Dichlorobenzene	6.32	146	145649	27.19	ng	#	86
13) 1,4-Dichlorobenzene	6.40	146	150754	27.64	ng	#	85
14) 1,2-Dichlorobenzene	6.56	146	152098	30.97	ng	#	91
15) Benzyl Alcohol	6.56	79	151314	30.63	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	6.70	45	301148	31.18	ng		91
17) 2-Methylphenol	6.68	107	126719	31.68	ng	#	79
18) Hexachloroethane	6.90	117	63555	29.95	ng	#	80
19) n-Nitroso-di-n-propylamine	6.83	70	126307	30.82	ng	#	83
20) 3+4-Methylphenols	6.84	107	165093	30.61	ng		87
22) Acetophenone	6.81	105	227537	31.80	ng	#	74
24) Nitrobenzene	6.98	77	163391	28.98	ng	#	61
25) Isophorone	7.23	82	308969	30.59	ng	#	84
26) 2-Nitrophenol	7.30	139	73266	29.81	ng	#	28
27) 2,4-Dimethylphenol	7.37	122	138860	32.71	ng	#	82
28) bis(2-Chloroethoxy)methane	7.46	93	188845	32.37	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	124274	33.76	ng		95
30) 1,2,4-Trichlorobenzene	7.62	180	120649	30.17	ng	#	96
31) Naphthalene	7.70	128	447176	32.01	ng		98
32) Benzoic acid	7.52	122	82177	28.22	ng	#	51
33) 4-Chloroaniline	7.76	127	84497	14.83	ng	#	77
34) Hexachlorobutadiene	7.83	225	77151	31.70	ng		99
35) Caprolactam	8.14	113	43074m	38.16	ng		
36) 4-Chloro-3-methylphenol	8.26	107	147961	35.91	ng	#	71
37) 2-Methylnaphthalene	8.39	142	265450	29.20	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	126510	33.67	ng		98
40) Hexachlorocyclopentadiene	8.55	237	133227	72.25	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081343.D
Acq On : 2 Sep 2015 12:21
Operator : UM/IZ
Sample : PB85323BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85323BS

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:43:12 PM

Quant Time: Sep 02 23:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	79957	30.83	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	86873	32.84	ng	#	80
45) 1,1'-Biphenyl	8.86	154	335036	30.65	ng		95
46) 2-Chloronaphthalene	8.88	162	250726	31.76	ng		95
47) 2-Nitroaniline	8.98	65	113899	35.40	ng	#	61
48) Acenaphthylene	9.28	152	403553	28.82	ng		97
49) Dimethylphthalate	9.18	163	313811	34.00	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	68133	32.52	ng	#	79
51) Acenaphthene	9.45	154	234200	29.40	ng		91
52) 3-Nitroaniline	9.39	138	54457	22.83	ng	#	69
53) 2,4-Dinitrophenol	9.51	184	68639	77.78	ng	#	77
54) Dibenzofuran	9.62	168	350274	30.11	ng	#	82
55) 4-Nitrophenol	9.58	139	92285	61.59	ng	#	1
56) 2,4-Dinitrotoluene	9.63	165	93737	35.14	ng	#	95
57) Fluorene	9.96	166	316450	35.85	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	65945m	32.65	ng		
59) Diethylphthalate	9.87	149	337174	34.73	ng		98
60) 4-Chlorophenyl-phenylether	9.96	204	136580	33.20	ng	#	82
61) 4-Nitroaniline	10.00	138	64578	26.80	ng	#	16
62) Azobenzene	10.12	77	391693	36.28	ng		86
64) 4,6-Dinitro-2-methylphenol	10.03	198	46910	33.68	ng		99
65) n-Nitrosodiphenylamine	10.09	169	274785	30.33	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	71369	28.35	ng	#	77
67) Hexachlorobenzene	10.50	284	78262	29.73	ng	#	78
68) Atrazine	10.63	200	83692	31.92	ng		82
69) Pentachlorophenol	10.71	266	82570	66.14	ng		97
70) Phenanthrene	10.91	178	445702	32.20	ng		97
71) Anthracene	10.96	178	414965	29.18	ng		97
72) Carbazole	11.12	167	382474	28.66	ng	#	95
73) Di-n-butylphthalate	11.47	149	469572	29.80	ng	#	98
74) Fluoranthene	12.08	202	446732	29.81	ng		91
76) Benzidine	12.22	184	214301	23.06	ng		99
77) Pyrene	12.31	202	514810	32.10	ng		99
79) Butylbenzylphthalate	12.95	149	206736	29.64	ng	#	66
80) Benzo(a)anthracene	13.49	228	432008	31.33	ng		98
81) 3,3'-Dichlorobenzidine	13.46	252	83208	17.89	ng	#	93
82) Chrysene	13.52	228	312548	25.29	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	273173	29.68	ng	#	90
84) Di-n-octyl phthalate	14.13	149	457390	30.18	ng		97
85) Indeno(1,2,3-cd)pyrene	15.90	276	268649	29.62	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	404880m	37.83	ng		
88) Benzo(k)fluoranthene	14.50	252	234509m	26.41	ng		
89) Benzo(a)pyrene	14.75	252	286664	31.61	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	224746	32.07	ng	#	77
91) Benzo(g,h,i)perylene	16.22	276	216796	32.41	ng	#	71

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081343.D
Acq On : 2 Sep 2015 12:21
Operator : UM/IZ
Sample : PB85323BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 23:38:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85323BS

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:43:12 PM