Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082043.D
Acq On : 5 Oct 2015 13:51
Operator : UM/IZ
Sample : PB85905BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85905BS

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:53:48 PM

Quant Time: Oct 05 18:06:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102906	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	407799	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	200407	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	374973	20.00	ng		0.00
75) Chrysene-d12	14.06	240	324820	20.00	ng		0.00
86) Perylene-d12	15.51	264	289335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	464079	81.87	ng		0.01
7) Phenol-d6	6.51	99	609905	85.50	ng		0.00
23) Nitrobenzene-d5	7.45	82	560469	91.62	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	175861	86.65	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1117012	95.56	ng		0.00
78) Terphenyl-d14	13.01	244	1164567	139.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	89219	36.19	ng		88
3) Pyridine	3.35	79	254216	39.61	ng		85
4) n-Nitrosodimethylamine	3.30	42	104114	35.71	ng		94
6) Aniline	6.55	93	274041	28.60	ng	#	90
8) 2-Chlorophenol	6.66	128	281397	44.95	ng		85
9) Benzaldehyde	6.43	77	54722	11.71	ng	#	84
10) Phenol	6.53	94	322941	40.36	ng	#	67
11) bis(2-Chloroethyl)ether	6.63	93	280267	45.17	ng		88
12) 1,3-Dichlorobenzene	6.82	146	316542	42.81	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	334461	43.32	ng	#	96
14) 1,2-Dichlorobenzene	7.05	146	291783m	42.41	ng		
15) Benzyl Alcohol	7.03	79	214949	41.74	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	380241	43.35	ng		81
17) 2-Methylphenol	7.14	107	229273	45.17	ng	#	85
18) Hexachloroethane	7.39	117	108170	44.75	ng	#	82
19) n-Nitroso-di-n-propylamine	7.30	70	185606	42.81	ng	#	77
20) 3+4-Methylphenols	7.29	107	267111	41.67	ng	#	65
22) Acetophenone	7.30	105	377926	45.33	ng	#	83
24) Nitrobenzene	7.47	77	294308	44.31	ng	#	73
25) Isophorone	7.71	82	531059	43.80	ng	#	93
26) 2-Nitrophenol	7.79	139	152731	47.90	ng	#	88
27) 2,4-Dimethylphenol	7.83	122	261098	46.55	ng	#	83
28) bis(2-Chloroethoxy)methane	7.92	93	311938	43.32	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	251737	46.28	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	279397	46.01	ng		99
31) Naphthalene	8.19	128	829655	45.91	ng		97
32) Benzoic acid	7.95	122	161700	48.16	ng	#	71
33) 4-Chloroaniline	8.25	127	173656	22.23	ng	#	96
34) Hexachlorobutadiene	8.31	225	164367	45.77	ng		99
35) Caprolactam	8.62	113	71814m	47.69	ng		
36) 4-Chloro-3-methylphenol	8.73	107	264184	49.67	ng		91
37) 2-Methylnaphthalene	8.88	142	529381	42.92	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278314	45.24	ng		99
40) Hexachlorocyclopentadiene	9.04	237	320989	101.31	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082043.D
Acq On : 5 Oct 2015 13:51
Operator : UM/IZ
Sample : PB85905BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85905BS

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:53:48 PM

Quant Time: Oct 05 18:06:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	198145	46.98	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	192897	44.47	ng	#	93
45) 1,1'-Biphenyl	9.35	154	660037	42.69	ng		96
46) 2-Chloronaphthalene	9.37	162	520198	42.85	ng	#	92
47) 2-Nitroaniline	9.47	65	156246	43.84	ng	#	75
48) Acenaphthylene	9.79	152	873767	44.97	ng		96
49) Dimethylphthalate	9.66	163	639857	46.26	ng	#	98
50) 2,6-Dinitrotoluene	9.71	165	132436	44.10	ng	#	55
51) Acenaphthene	9.97	154	530666	45.99	ng		90
52) 3-Nitroaniline	9.89	138	96648	27.81	ng	#	59
53) 2,4-Dinitrophenol	10.00	184	170427	99.46	ng	#	84
54) Dibenzofuran	10.14	168	744767	45.67	ng	#	88
55) 4-Nitrophenol	10.06	139	228918	91.18	ng	#	64
56) 2,4-Dinitrotoluene	10.13	165	193770	50.61	ng	#	91
57) Fluorene	10.48	166	603215	52.06	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	174113	50.60	ng		95
59) Diethylphthalate	10.35	149	601061	46.52	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	259296	43.43	ng	#	83
61) 4-Nitroaniline	10.51	138	150191	43.11	ng	#	60
62) Azobenzene	10.63	77	572445	45.39	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	95120	54.24	ng		87
65) n-Nitrosodiphenylamine	10.59	169	532579	46.94	ng		93
66) 4-Bromophenyl-phenylether	10.96	248	179669	47.52	ng		96
67) Hexachlorobenzene	11.03	284	185863	43.56	ng	#	74
68) Atrazine	11.12	200	160737	45.66	ng		82
69) Pentachlorophenol	11.22	266	230638	94.87	ng		98
70) Phenanthrene	11.44	178	805878	44.65	ng		96
71) Anthracene	11.50	178	969182	50.85	ng		97
72) Carbazole	11.66	167	830130	48.13	ng		97
73) Di-n-butylphthalate	11.98	149	908778	51.93	ng	#	98
74) Fluoranthene	12.63	202	882856	43.95	ng		91
76) Benzidine	12.75	184	370126	37.82	ng		97
77) Pyrene	12.86	202	880338	45.37	ng		95
79) Butylbenzylphthalate	13.48	149	369893	50.66	ng	#	85
80) Benzo(a)anthracene	14.05	228	809363	46.27	ng		96
81) 3,3'-Dichlorobenzidine	14.01	252	198036	33.52	ng	#	96
82) Chrysene	14.09	228	844205	50.33	ng		95
83) Bis(2-ethylhexyl)phthalate	14.04	149	523512	57.16	ng	#	93
84) Di-n-octyl phthalate	14.65	149	901399	60.47	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	665606	48.64	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	913156m	55.28	ng		
88) Benzo(k)fluoranthene	15.12	252	586638m	38.75	ng		
89) Benzo(a)pyrene	15.45	252	723305	50.48	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	550592	45.80	ng	#	81
91) Benzo(g,h,i)perylene	17.37	276	527868	42.85	ng	#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082043.D
Acq On : 5 Oct 2015 13:51
Operator : UM/IZ
Sample : PB85905BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 18:06:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85905BS

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:53:48 PM